

# APEC

ENERGY STATISTICS 2005

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COORDINATING AGENCY:  
THE ENERGY DATA AND MODELLING CENTER  
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Asia-Pacific  
Economic Cooperation

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## **PREFACE**

The APEC Energy Statistics 2005 consists of the following chapters:

1. Explanation of the APEC Energy Statistics
2. Overview of the APEC Energy Situation
3. Member Tables

The statistics cover the 21 APEC member economies, i.e. Australia; Brunei Darussalam; Canada; Chile; People's Republic of China; Hong Kong, China; Indonesia; Japan; Republic of Korea; Malaysia; Mexico; New Zealand; Papua New Guinea; Peru; the Republic of the Philippines; the Russian Federation; Singapore; Chinese Taipei; Thailand; the United States of America and Viet Nam.

Chapter 1 describes the methodology for collecting and standardizing the energy data and for producing the secondary data such as the energy balances and other tables. The preparation of socio-economic data is also explained.

Chapter 2 provides an analysis of energy demand and supply in the APEC region and contains figures and tables showing trend of energy demand and supply.

Chapter 3 consists of annual and quarterly tables by the member economies. The annual tables contain Energy Balance Tables for 2005 and 2004 and Energy Prices for 2005. The annual tables also involve Major Energy Indicators which include primary energy supply, final energy consumption, demand and supply by energy sources and electricity as well as Major Economic Indicators which include population, GDP, balance of payments, foreign exchange rate, purchasing power parity, price indices and so on. These tables cover the data from 1980 to 2005 except Russia and Viet Nam which do not have data from the '80s to the early 90's. The quarterly tables contain only original energy supply data for 2005. The objective is to report the most recently updated data.

APEC Energy Statistics 2005 is derived from the APEC Energy Database, the purpose of which is to establish a comprehensive and consistent energy database within the APEC region. This database will be used to assist in the identification of significant trends in energy supply and demand consistent with projects and priorities under the APEC Energy Working Group. It is prepared in close cooperation with member economies.

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## TABLE OF CONTENTS

1 EXPLANATION OF THE APEC ENERGY STATISTICS .....	1
1.1 Energy Data .....	2
1.1.1 Original Data .....	2
1.2 Standardization .....	5
1.2.1 Conversion Factors for Fossil Energy from Physical to Thermal Units.....	5
1.2.2 Conversion Factors for Primary Electricity .....	5
1.3 Secondary Data .....	6
1.3.1 Energy Balance .....	6
1.3.2 Other Tables .....	6
1.4 Notes on Member Economies .....	7
1.4.1 General Notes .....	7
1.4.2 Specific Notes .....	7
1.5 Socio-Economic Data .....	8
1.6 APEC Energy Database .....	8
2 OVERVIEW OF THE APEC ENERGY SITUATION .....	9
2.1 Overall Notes .....	10
2.2 Analysis of Energy Supply and Demand in the APEC Region .....	10
2.2.1 Primary Energy Supply .....	10
2.2.2 Final Energy Consumption .....	11
2.2.3 Energy Balance Table .....	12
2.3 Analysis of Energy Supply and Demand by Energy Sources .....	12
2.3.1 Coal (excluding coal products) .....	12
2.3.2 Oil .....	12
2.3.3 Gas .....	12
2.3.4 Electricity .....	13
2.4 Analysis of Energy Supply and Demand by Region .....	13
2.4.1 East Asia and Russia .....	13
2.4.2 Southeast Asia .....	14
2.4.3 Oceania .....	14
2.4.4 North America .....	14
2.4.5 Latin America .....	15
2.5 Other Analyses .....	15
2.5.1 Primary Energy Supply Per Capita .....	15
2.5.2 Elasticity of Primary Energy Supply against Real GDP .....	15
2.5.3 CO <sub>2</sub> Emissions from Fuel Combustion .....	16
3 MEMBER TABLES .....	17

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3.1 Australia.....	17
3.2 Brunei Darussalam.....	27
3.3 Canada.....	37
3.4 Chile.....	45
3.5 China.....	53
3.6 Hong Kong, China.....	63
3.7 Indonesia.....	73
3.8 Japan.....	81
3.9 Republic of Korea.....	91
3.10 Malaysia.....	101
3.11 Mexico.....	109
3.12 New Zealand.....	119
3.13 Papua New Guinea.....	129
3.14 Peru.....	137
3.15 Philippines.....	145
3.16 Russia.....	155
3.17 Singapore.....	165
3.18 Chinese Taipei.....	173
3.19 Thailand.....	183
3.20 United States of America.....	193
3.21 Viet Nam.....	203
3.22 APEC Region.....	211
3.22.1 Primary Energy Supply Table.....	212
3.22.2 Final Energy Consumption Table.....	214
3.22.3 Demand and Supply Table.....	216
3.22.4 Power Generation Table.....	220
3.22.5 Fuel Consumption Table for Power Generation.....	222
3.22.6 Stock Table by Energy Resources.....	224
3.22.7 Power Generation Capacity Table.....	226
4 APPENDICES.....	233



# 1 Explanation of the APEC Energy Statistics

The APEC Energy Statistics consist of energy data submitted by each member economy as well as social and economic data collected by EDMC (The Energy Data and Modelling Center), which is the Coordinating Agency (hereinafter referred to as C.A.) for this APEC activity. The energy balance tables, which give a detailed description of all energy products and flows, and other tables (primary energy supply, final energy consumption, etc.) included in the statistics, are secondary data compiled by EDMC.

### 1.1 Energy Data

#### 1.1.1 Original Data

The APEC member economies regularly submit energy demand and supply data to EDMC. These data are defined as “original data”. Details for collection of the data are given below:

##### a. Collection Format for Original Energy Data

Most of the items found in the Energy Statistics are based on data submitted by the APEC member economies using a new set of questionnaires for Oil, Coal, Natural Gas, Electricity and Heat, as well as New and Renewable Energy (NRE). These questionnaires are simplified forms of the annual energy questionnaires of the International Energy Agency (IEA) in view of the harmonization efforts of the C.A. with the IEA. Table 1-1a and 1-1b show the energy product and flows that are to be reported in the questionnaires. The definition of energy products and flows can be found in the Appendices.

Using the new format or the APEC Annual Energy Questionnaires, the members report the following information:

- Supply and demand information for specific type of

energy products

- Power generating capacity by type of power plants
- Supply and demand information for NRE

The data are entered in the following required units:

Coal, Liquid and Solid Coal Products	1,000 Metric Tons
Gaseous Coal Products	10 <sup>10</sup> kcal (gross)
Oil and Oil Products	1,000 Metric Tons
Natural Gas	Million Cubic Meters
LNG	1,000 Metric Tons
Solid and Liquid Bio-fuels	1,000 Metric Tons
Biogas	10 <sup>10</sup> kcal (gross)
Electricity (including renewable)	GWh
Heat	10 <sup>10</sup> kcal (gross)

With regard to calorific values (both gross and net), the required units are the following:

Coal, Oil, NRE	kcal/kg
Natural Gas	kcal/cubic meter

Power Generating Capacity data are reported in MW.

For OECD member countries that also submit annual energy supply and demand data to IEA, C.A. accepts data submission using the IEA format. The C.A. developed computer programs to transfer data from the IEA format to APEC format and to generate energy balance tables from the APEC questionnaires.



Table 1-1a: Energy Products in the APEC Energy Database

<p><b>Coal</b></p> <ul style="list-style-type: none"> <li>Coking Coal</li> <li>Other bituminous coal</li> <li>Sub-bituminous Coal</li> <li>Anthracite</li> <li>Lignite</li> <li>Peat</li> </ul> <p><b>Coal Products</b></p> <ul style="list-style-type: none"> <li>Coke Oven Coke</li> <li>Coke Oven Gas</li> <li>Blast furnace Gas</li> <li>Oxygen Steel furnace Gas</li> <li>Patent Fuel</li> <li>Coal Tar</li> <li>BKB/PB</li> <li>Gas Works Gas</li> </ul> <p><b>Crude Oil &amp; NGL</b></p> <ul style="list-style-type: none"> <li>Crude Oil</li> <li>Natural Gas Liquids</li> <li>Refinery Feedstocks</li> <li>Additives/ Oxygenates</li> <li>Other Hydrocarbons</li> </ul> <p><b>Gas</b></p> <ul style="list-style-type: none"> <li>Natural Gas</li> <li>LNG</li> </ul>	<p><b>Crude Oil &amp; NGL</b></p> <ul style="list-style-type: none"> <li>Crude Oil</li> <li>Natural Gas Liquids</li> <li>Refinery Feedstocks</li> <li>Additives/ Oxygenates</li> <li>Other Hydrocarbons</li> </ul> <p><b>Petroleum Products</b></p> <ul style="list-style-type: none"> <li>Gasoline</li> <li>Motor Gasoline</li> <li>Aviation Gasoline</li> <li>Naphtha</li> <li>Jet Fuel</li> <li>Gasoline Type Jet Fuel</li> <li>Kerosene Type Jet Fuel</li> <li>Kerosene</li> <li>Gas/Diesel Oil</li> <li>Fuel Oil</li> <li>LPG</li> <li>Refinery Gas (not liq.)</li> <li>Ethane</li> <li>White Spirit SBP</li> <li>Lubricants</li> <li>Bitumen</li> <li>Paraffin Waxes</li> <li>Petroleum Coke</li> <li>Other Products</li> </ul>	<p><b>Hydro</b></p> <p><b>Nuclear</b></p> <p><b>New and Renewable Energy</b></p> <ul style="list-style-type: none"> <li>Geothermal</li> <li>Photovoltaic</li> <li>Tide, Wave, Ocean</li> <li>Wind</li> <li>Geothermal Heat</li> <li>Solar Heat</li> <li>FuelWood</li> <li>Woodwaste</li> <li>Bagasse</li> <li>Charcoal</li> <li>Other Biomass</li> <li>Biogas</li> <li>Industrial Waste</li> <li>Municipal Solid Waste</li> <li>Liquid Bio-fuels</li> </ul> <p><b>Electricity</b></p> <p><b>Heat</b></p>
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## b. Collection Schedule and Actual Dates of Submission

In deference to the member economies as it was only the second time that the new format was used, the C.A. agreed to keep the deadline for submission from of end of December which was set for the 2004 data submission. In principle, all twenty-one APEC members are expected

to submit annual data to the C.A. on the aforementioned deadline. However, even with the extended deadline, only China, New Zealand, the Philippines and Chinese Taipei were able to submit the 5 energy questionnaires by the deadline while Mexico was able to submit only 3 of the 5 questionnaires.

Table 1-1b: Energy Flows in the APEC Energy Database

<b>Indigenous Production</b>	<b>Total Transformation Sector</b>	<b>Total Final Energy Consumptions</b>
<b>Imports</b>	<b>Main Activity Producer</b>	<b>Industry Sector</b>
<b>Exports</b>	Electricity Plants	Iron and Steel
<b>International Marine Bunkers</b>	CHP Plants	Chemical (incl. Petro-Chemical)
<b>International Civil Aviation</b>	Heat Plants	Non Ferrous Metals
<b>Stock Changes</b>	<b>Autoproducers</b>	Non Metallic Mineral Products
<b>Total Primary Energy Supply</b>	Electricity Plants	Transportation Equipment
<b>Transfers</b>	CHP Plants	Machinery
Recycled Products	Heat Plants	Mining and Quarrying
Inter-product Transfers	<b>Gas Processing</b>	Food, Beverages and Tobacco
Products Transferred	Gas Works	Pulp, Paper and Printing
Gas Separation	Liquefaction	Wood and Wood Products
	Re-gasification	Construction
	Natural Gas Blending Plants	Textiles and Leather
	Gas to Liquid	Non-specified Industry
	<b>Refineries</b>	<b>Transport Sector</b>
	<b>Coal Transformation</b>	International Civil Aviation
	Coke Ovens	Domestic Air Transport
	Blast Furnaces	Road
	Patent Fuel Plants	Rail
	BKB/PB Plants	Inland Waterways
	Liquefaction (Coal to Oil)	Pipeline Transport
	<b>Petrochemical Industry</b>	Non-specified Transport
	<b>Biofuel Processing</b>	<b>Other Sector</b>
	<b>Charcoal Processing</b>	Commerce and Public Services
	<b>Non-specified Transformation</b>	Residential
	<b>Losses &amp; Own Use</b>	Agriculture
	<b>Own Use</b>	Fishing
	<b>Distribution Losses</b>	Non-specified Others
	<b>Discrepancy</b>	<b>of which Non-Energy Use</b>
		Transformation Sector
		Industry Sector
		Transport Sector
		Other Sector

### c. Collection Status

As of June 23, 2007, 18 APEC economies have submitted data to the C.A. Seventeen of these economies used either the APEC or the IEA questionnaires. One of the 18 economies, Brunei Darussalam submitted the data in the UNSD (United Nations Statistics Division) format. Two member economies were not able to submit complete data. These are Papua New Guinea and Viet Nam. Papua New Guinea submitted crude oil and natural gas production as well as refinery input and output data only while Viet Nam submitted a preliminary energy balance table. Singapore did not submit any data at all.

The C.A. took other measures to be able to generate energy balance tables for Papua New Guinea and Singapore. For the former, the C.A. estimated the final energy consumption as well as electricity generation and inputs. For Singapore, the C.A. used the oil trade data that the country submits to JODI as well as the natural gas and electricity sales data obtained from the website of the Energy Market Authority of Singapore. The C.A. will highly appreciate if Singapore does the estimation of the data and submit the same to C.A. in the future.

### d. Use of the Internet

The advances in internet technology had enabled the submission of all energy data as email attachment. Correspondence for the improvement of data consistency and accuracy had also been carried out mostly through the internet.

## 1.2 Standardization

The new APEC reporting format requires the use of certain units for reporting energy data. In this regard, the level of standardization has been improved by at least one notch. For example, all oil data are now reported in 1,000 metric tons unit. In the previous years, each

economy uses its own units such as barrels, kiloliters, cubic meters, etc. The C.A. however, does not standardize the conversion factor from physical to thermal units in view of the peculiarities in the thermal quantity of each energy product from the different economies. In this regard, the C.A. makes use of the calorific value data reported by each economy as opposed to using standardized conversion factors.

### 1.2.1 Conversion Factors for Fossil Energy from Physical to Thermal Units

Between the two calorific values, namely gross and net calorific values, the APEC Standard adopted the net calorific value at the Third Experts Meeting (Singapore) to facilitate comparisons with international energy statistics such those of the IEA and UNSD. Therefore, gross calorific values used by some members must be converted to net calorific values. If only the gross calorific values are reported, the C.A. converts them to net calorific values by:

Coal / Oil	multiply the value by 95%
Gas	multiply the value by 90%

### 1.2.2 Conversion Factors for Primary Electricity

Table 1-2 shows the efficiency applied to convert primary electricity, i.e. power generated by processes which excludes fossil fuel, such as hydro, nuclear, geothermal and other power generation to primary energy units. To allow comparisons of primary energy supplies, in the light of differences in conversion coefficients, standardization is required. APEC adopted the following conversion coefficients for compatibility with IEA and UN statistics.

Table 1-2: Efficiency of Primary Electricity

Primary Electricity	Efficiency
Hydro Power	100%
Nuclear Power	33%
Geothermal Power	10%
Other New Power	100%

The original energy data contained in these statistics have been treated by the above adjustments.

### 1.3 Secondary Data

Using the original data submitted by each member, C.A. prepares the following tables through the standardization process described in 1.2.

- (1) Energy Balance Table
- (2) Primary Energy Supply Table
- (3) Final Energy Consumption Table
- (4) Supply and Demand by Energy Source Table
- (5) Electricity Table
- (6) Stock Change Table

The Energy Balance Tables give a detailed description of energy sources.

APEC Energy Statistics contain the six tables mentioned above. Tables (2) through (6) are collectively referred to as “other tables”, and are compiled from data obtained from the original data tables after adjustment and the energy balance tables. Tables 2 through 6 allow comparisons among member economies.

#### 1.3.1 Energy Balance

The energy balance table is, in principle, the same as that of the IEA but with some adjustment. The different values could be attributed to the following:

- APEC statistics are basically based on official data provided by national government agencies of each member economy, and, thus, agencies exclude any

data not reported to the government. It is assumed that the IEA estimates these quantities.

- For this reason, some data for private-power generations are missing in some member economies.
- APEC and the IEA use different heat conversion methods.
- The reporting date differs in APEC and IEA surveys.

The APEC energy balance table consists of two tables, quoted in ktoe ( $10^{10}$  kilocalories) and in petajoules (PJ equivalent to  $10^{15}$  joules).

#### 1.3.2 Other Tables

Other tables, i.e., primary energy supply, final energy consumption, supply and demand by energy source, electricity and stock change, are all designed to allow comparisons among member economies.

The primary energy supply table shows items that constitute the primary energy supply, namely, indigenous production, imports, exports, stock change, and international marine bunkers in terms of calorific values (ktoe and PJ), for each of the four categories of coal, petroleum, gas, and primary electricity (hydro, nuclear, geothermal power, etc.).

The final consumption table illustrates the consumption of coal (including coal products), petroleum, gas, electricity and others for each final consumption sector (agriculture, residential, commercial, industry and transport).

The supply and demand table for each energy source emphasizes coal, petroleum and gas, and shows, at a balance, how the primary supply volume is being consumed in the transformation and final energy consumption sectors.

The electricity table illustrates the power generation and

fossil fuel input for each of the five categories of thermal, hydro, nuclear, geothermal and other sources of power generation.

The stock change table shows the inventory of fossil fuels owned by each member economy, in units of calorific value (ktoe and PJ), at the beginning and end of the period as well as the stock change. Since the conventional approach is to report stock level only in terms of its change, many members omit the stock level at the beginning and end of the term.

## 1.4 Notes on Member Economies

### 1.4.1 General Notes

Most of the member economies' annual data are tallied by calendar year (1 January – 31 December) except for Australia; Australia's energy statistics are accounted by fiscal year (1 July-30 June).

In view of harmonization efforts with the IEA, the C.A. accepts submission from OECD members using the IEA format Likewise, to reduce the burden on member economies' statisticians the C.A. decided that to leave to IEA the data negotiation with the APEC OECD member economies and just used the processed data from IEA.

### 1.4.2 Specific Notes

#### a. Japan

Energy data after 2000 are not official data prepared by Japanese Government. C.A. used data on energy balance table produced by the Institute of Energy Economics, Japan to maintain continuity of data before 2000.

#### b. Papua New Guinea

C.A. estimated energy balance tables from 2000 to 2005 for Papua New Guinea from the crude oil and natural gas production, refinery intake and output data, crude oil exports and GDP data obtained from Papua New Guinea.

#### c. Singapore

Singapore cannot submit the data on natural gas imports, crude oil inputs and petroleum products output of the refinery sector as well as fuel inputs for electricity generation. Furthermore there are no data in the final energy consumption sectors.

C.A. estimated the energy balance tables for Singapore from 1980 to 2005.

2 issues are in Singapore's data.

- No data in the Final Energy Consumption Sector are reported by Singapore.
- Petroleum Refinery inputs (Crude Oil, etc.) and outputs (Petroleum Products) are not submitted.

C.A. estimated values in petroleum refinery using import volumes of crude oil and export volumes of petroleum products (assuming the stock change and the discrepancy are 0).

Some erroneous data are corrected by using the IEA energy balance data, data from Energy Market Authority in Singapore, and the social and economic indicators (ex: GDP etc.).

#### d. Viet Nam

Viet Nam did not submit annual energy data in the new APEC format for 2005. In this regard, the C.A. entered the data in the new format and generated the energy balance table.

## 1.5 Socio-Economic Data

At the moment, the socio-economic data for each member economy shown in the APEC Energy Statistics are not reported by the members, but, instead, are prepared by C.A. The data are derived from the “World Development Indicators” (World Bank) and “The International Financial Statistics Yearbook” (IMF). The data on Chinese Taipei not found in these statistics, are derived from the “Chinese Taipei Statistical Data Book”. This book is regularly delivered to C.A. through the goodwill of this member. The items C.A. picks up from these statistics are:

- Population
- GDP and its components
- Index of Industrial Production
- External Trade (dollar base)
- Balance of Payment (dollar base)
- Exchange Rate
- Prices (CPI, etc.)

The GDP data of Brunei from 1996 are also derived from the “Brunei Darussalam Statistical Yearbook” which is also provided by this member economy to the C.A. through its goodwill.

In addition to reporting the GDP in the member economy’s currency, C.A. provides estimates in real, nominal dollar and real PPP (Purchasing Power Parity) terms.

## 1.6 APEC Energy Database

C.A. has established the APEC Energy Database, which contains all data on APEC Energy Statistics. The web address of the database is: <http://www.ieej.or.jp/egeda/>.

## 2 Overview of the APEC Energy Situation

## 2.1 Overall Notes

Chapter 2 summarizes the energy supply and demand in the APEC region using the energy balance tables of APEC member economies stored in the APEC Energy Database. Energy categories used in this chapter are defined as follows:

### a. Coal:

Coking coal, anthracite, other bituminous coal, sub-bituminous coal, lignite and peat

Patent fuel, coke, coal tar, BKB/PB, gas works gas and oxygen steel furnace gas

### b. Oil:

Crude oil, NGL, refinery feedstocks, additives/oxygenates, and other hydrocarbons

Refinery gas, ethane, LPG, Naphtha, motor gasoline, aviation gasoline, gasoline type jet fuel, kerosene type jet fuel, other kerosene, gas/diesel oil, fuel oil, white spirit SBP, lubricants, bitumen, paraffin waxes, petroleum coke and other products

### c. Gas:

Natural gas and LNG

### d. Hydro, Nuclear, etc.:

Electricity generated from non-thermal resources such as hydro, nuclear, geothermal, solar and wind

### e. Others:

Incineration and commercial renewable energy

Regional groupings of APEC member economies are as follows:

### a. East Asia and Russia:

China; Hong Kong, China; Japan; Korea, Russia and Chinese Taipei

### b. Southeast Asia

Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, Thailand and Viet Nam

### c. Oceania:

Australia, New Zealand and Papua New Guinea

### d. North America:

Canada and United States of America

### e. Latin America:

Chile, Mexico and Peru

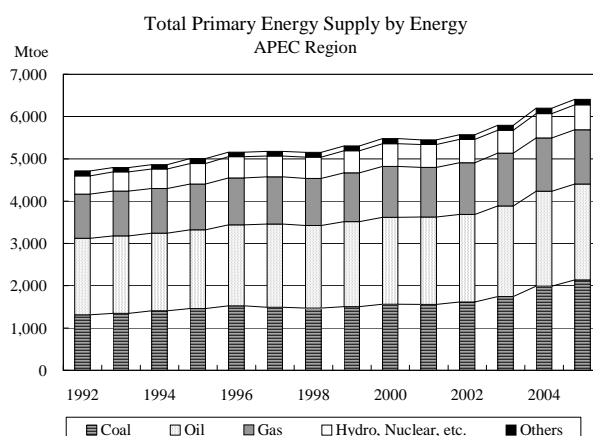
From 2004, APEC collected the member economies' annual energy data using the new format which resulted to some inconsistencies with the historical data. To analyze the historical trend, there are some issues in connection with the data before 2003.

- The non-commercial energy is reported by most economies from 2004. However, in 2003, only a few economies were able to submit the data. Therefore, data are not enough data to analyze the historical trends for these products, thus, these data are excluded from this analysis.
- Likewise, non-energy usage is treated as an independent sector as in 2003. This was changed in starting with the 2006 publication to use the new definition by which non-energy consumptions are parts of the final consumption sectors.

## 2.2 Analysis of Energy Supply and Demand in the APEC Region

This section discusses energy supply and demand in the APEC region.

### 2.2.1 Primary Energy Supply



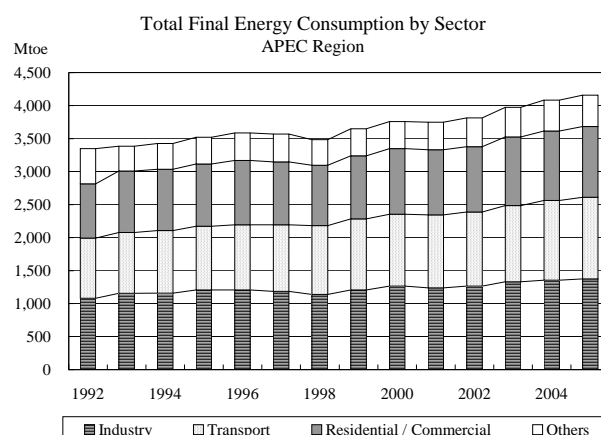


The level of primary energy supply in 2005 of 6,405 Mtoe increased by 3.4% from the 2004 level of 6,195 Mtoe. In the period 1992 to 2005, primary energy supply averaged 2.4% growth per annum, in contrast with 3.2% growth in real GDP over the same period. As a result, elasticity of demand was calculated at 0.75 for this period.

For the period 1992 to 2005, coal supply rose by an average of 3.8% per annum to reach 2,140 Mtoe. Oil supply rose by an average of 1.8% per annum to reach 2,266 Mtoe. Gas supply increased 1.8% per annum to reach 1,281 Mtoe. The supply of hydro, nuclear, etc. grew by 2.4% from 2004 to reach 589 Mtoe. The category of "Other" grew 1.7% from 2004, the total was small at 129 Mtoe and the share was 2.0% in 2005.

## 2.2.2 Final Energy Consumption

The level of final energy consumption in 2005 of 4,155 Mtoe grew by 1.7% from the 2004 level of 4,084 Mtoe. The growth rate was 1.7% per annum from 3,348 Mtoe from 1992. This growth rate for 12 years was lower than that of primary energy supply. It indicates that net energy consumption growth in the transformation sector surpassed the final energy consumption sector.



The residential/commercial and other sectors increased 1.6%, from 1,521 Mtoe in 2004 to 1,546 Mtoe in 2005. The transport sector grew by 2.3% from 1,205 Mtoe in 2004 to 1,233 Mtoe in 2005. Consumption in the industrial sector grew 1.4% from 2004 to 2005. The total of 1,376 Mtoe was the largest for all sectors in 2005. The industry sector share of the total was 33.1%, the transportation sector share was 29.7%, and the residential/commercial sector share was 25.8%.

By energy source, oil consumption grew by 0.6% from 1,948 Mtoe in 2004 to 1,959 Mtoe in 2005, averaging 2.2% per annum from 1,468 Mtoe in 1992.

Electricity consumption rose by 5.0% from 770 Mtoe in 2004 to 808 Mtoe in 2005. Gas consumption increased by 0.02% to 651 Mtoe in 2005. Coal consumption grew by 4.6% from 458 Mtoe in 2004 to 479 Mtoe in 2005.

APEC Region	2005												Unit: Mtoe
	1 Coal	2 Coal Products	3 Crude Oil, NGL and Condensate	4 Petroleum Products	5 Gas	6 Hydro	7 Nuclear	8 Geothermal, Solar, etc.	9 Others	10 Electricity	11 Heat	12 Total	
1 Indigenous Production	2,202	-	1,483	6	1,384	128	416	46	129	-	-	5,794	
2 Import	283	6	1,342	406	248	-	-	-	0	8	-	2,293	
3 Export	-318	-16	-548	-340	-355	-	-	-	-0	-9	-	-1,586	
4 International Marine Bunkers	-	-	-	-82	-	-	-	-	-	-	-	-82	
5 Stock Change	-6	-11	-5	3	3	-	-	-	-0	-	-	-15	
6 Total Primary Energy Supply	2,161	-21	2,272	-7	1,281	128	416	46	129	-1	-	6,405	
7 Public Electricity	-1,215	-81	-6	-89	-406	-124	-416	-39	-15	883	95	-1,413	
8 Autoproducers of Electricity	-97	-14	-1	-48	-121	-4	-	-3	-28	63	115	-139	
9 Gas Processing	-9	-30	-	-3	18	-	-	-	-	-	-	-23	
10 Petroleum Refineries	-	-	-2,169	2,162	-	-	-	-	-	-	-	-7	
11 Coal Transformation	-366	252	-	-1	-0	-	-	-	-	-	-	-115	
12 Other Transformation	-	-	-0	-0	-4	-	-	-0	-8	-	-	-13	
13 Loss & Own Use	-69	-8	-10	-111	-114	-	-	-	-0	-140	-36	-489	
14 Discrepancy	-19	-3	-15	-42	-1	-0	-	0	3	3	-2	-77	
15 Total Final Energy Consumption	384	95	7	1,953	651	-	-	3	81	808	173	4,155	
16 Industry Sector	297	82	3	273	242	-	-	0	54	343	82	1,376	
17 Transport Sector	6	0	0	1,159	55	-	-	-	-	14	-	1,233	
18 Other Sector	81	13	0	267	300	-	-	3	27	451	90	1,233	
18.1 Residential & Commercial	65	13	0	168	297	-	-	3	27	414	86	1,071	
18.2 Agriculture	12	0	0	60	1	-	-	0	0	11	3	88	
18.3 Other	4	0	-	40	2	-	-	-	0	26	1	73	

### 2.2.3 Energy Balance Table

This section presents the 2005 aggregate energy balance table for the APEC region. Note that the export/import row does not show the volume of trade between APEC and non-APEC regions.

Some of the salient features of the table are:

- 61% of coal is used for power generation.
- Petroleum products consumed by APEC members are mainly refined within the region.
- The percentage share of gas consumption is third, behind petroleum products and electricity. The industrial, and residential/commercial sectors are the dominant users.
- The category "Other" consists mainly of wastes and commercial renewable energy, such resources being used to generate electricity and consumed directly in the industry sector and the residential/commercial sector.
- Heat accounts for 4.2% of final energy consumption.
- Oil and Petroleum Products accounted for more than half of total final energy consumption, followed in order, by electricity, gas, and coal.

### 2.3 Analysis of Energy Supply and Demand by Energy Sources

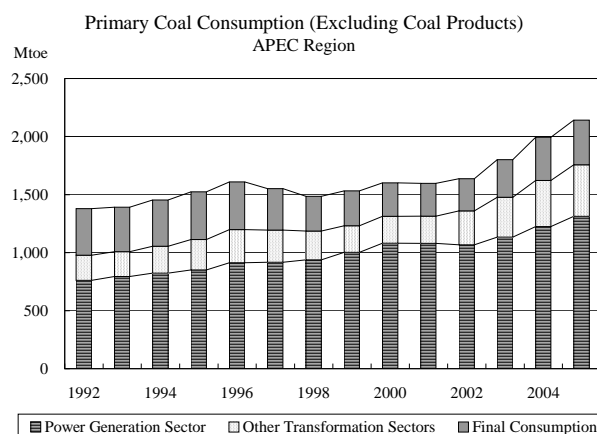
This section analyses energy supply and demand in the APEC region by energy sources.

#### 2.3.1 Coal (excluding coal products)

The supply of coal increased by 7.7% in 2005 over the year before (from 2,006 Mtoe in 2004 to 2,161 Mtoe in 2005). The coal share in the total primary energy supply is 27.9% in 1992 and increased to 33.4% in 2005.

Most coal (excluding coal products) is used for

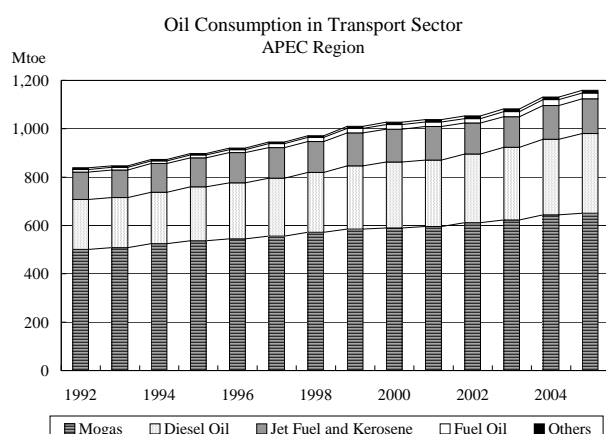
electricity generation, accounting for 61.3% of the total supply in 2005.



#### 2.3.2 Oil

Oil supply increased by 1.1% from 2,240 Mtoe in 2004 to 2,266 Mtoe in 2005. Oil represented 35.4% of total primary energy supply in 2005.

More than half of all petroleum products are used in the transportation sector, with the major products being automotive gasoline and diesel oil. Recently, there has been a marked increase in the consumption of diesel.



#### 2.3.3 Gas

The supply of gas increased by 1.8%, from 1,258 Mtoe in 2004 to 1,281 Mtoe in 2005. Natural gas

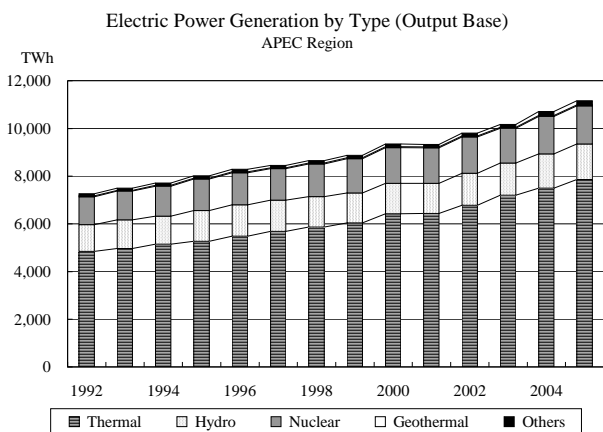
represented 20.0% of total primary energy supply in 2005.

Most gas is consumed in the industrial and residential/commercial sectors. As of 2005, 41.2% of gas was used for electric power generation.

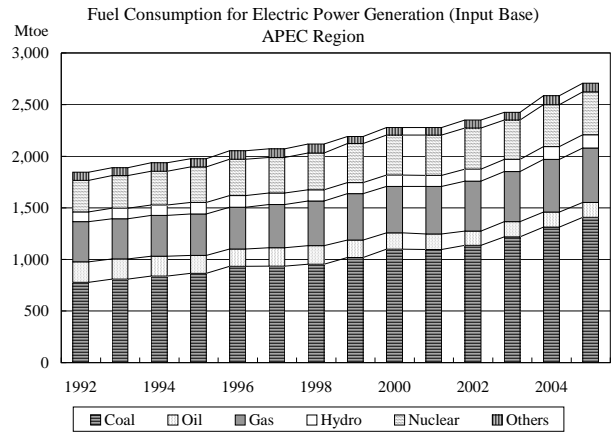
### 2.3.4 Electricity

The supply of hydro, nuclear, etc. increased by 2.4%, from 575 Mtoe in 2004 to 589 Mtoe in 2005. From 1992 until 2004, the supply of hydro, nuclear, etc. grew 2.4% per annum.

Power generation rose by 4.2% from 10,712 TWh in 2004 to 11,161 TWh in 2005. From 1992 until 2005, power generation grew 3.4% per annum (from 7,263 TWh). Thermal power generation increased 4.9%, from 7,495 TWh in 2004 to 7,862 TWh in 2005. As a result, the share of thermal power generation was 70.4% of the total in 2005. Nuclear power generation grew by 2.0%, from 1,564 TWh in 2004 to 1,596 TWh in 2005. The hydropower generation rose by 3.1% from 1,441 TWh in 2004 to 1,486 TWh in 2005.



When discussing the issue of global warming in the APEC region, there is significant room for exploring possible solutions, including improving the efficiency of coal-fired power generation units, and converting from coal and oil to gas-fired generation.



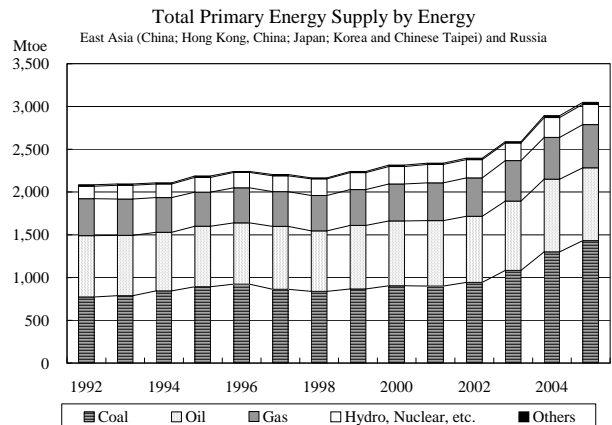
## 2.4 Analysis of Energy Supply and Demand by Region

This section divides the APEC region into five groups, namely East Asia and Russia, Southeast Asia, Oceania, North America and Latin America, to compare their energy supply and demand situations.

### 2.4.1 East Asia and Russia

Primary energy supply in this region rose by 5.4% to 3,049 Mtoe in 2005. Over the period 1992 to 2004, primary energy supply increased 3.0% per annum (from 2,086 Mtoe).

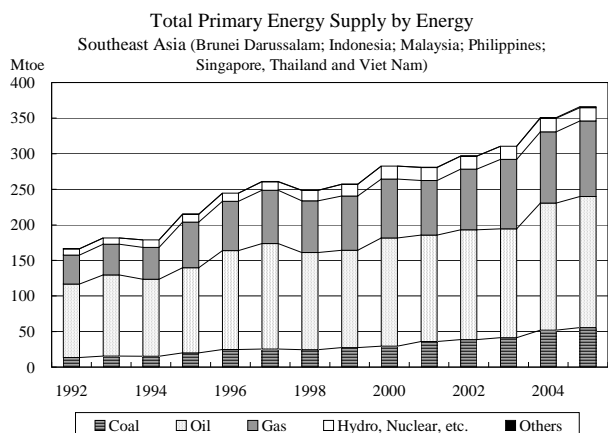
Coal and oil constitute the main energy sources in East Asia, accounting for 47.0% and 27.9% of total energy supply, respectively, in 2005.



In terms of final energy consumption by sector, the industrial sector has the highest consumption, followed in order by the residential/commercial sector and the transportation sector. 47.0% of final energy was consumed in the industrial sector.

### 2.4.2 Southeast Asia

Primary energy supply in Southeast Asia rose by 4.3% to 366 Mtoe in 2005. From 1992 to 2005 it increased 6.2% per annum; the highest rate of growth among the five regional groups. The share to the total APEC region increased to 5.7% comparing from 3.5% in 1992.



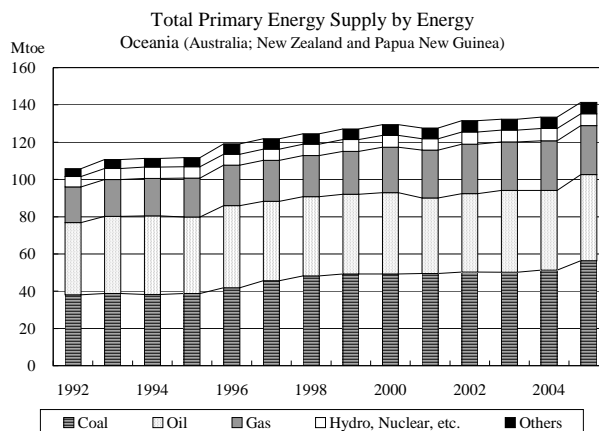
Although Southeast Asia relies heavily on oil, use of coal and gas has been increasing in recent years. Therefore the share of oil has dropped to 50.4% from 62.0% in 1992.

The Industrial sector consumes the largest amount of energy, followed in order by the transportation and residential/commercial sectors. Because most energy demand in the transportation sector is met by oil, consumption of this fuel has grown steadily.

### 2.4.3 Oceania

Primary energy supply in Oceania increased by 5.9% to 141 Mtoe in 2005. From 1992 to 2005, the average

growth rate per annum was 2.3% (from 106 Mtoe). The Oceania share of total APEC supply was only 2.2% in 2005.

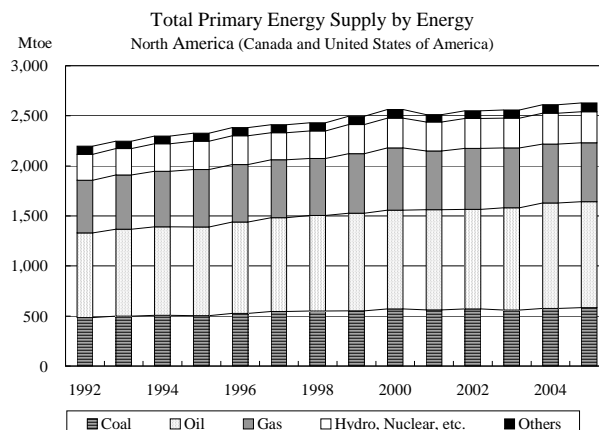


Coal and oil are the major energy sources in Oceania, accounting for 72.6% of total primary energy supply. Oil supply increased by 8.1% though gas supply decreased by 1.6% in 2005.

In terms of final energy consumption by sector, the transport sector consumed the highest amount of energy, followed in order by the industrial sector, and the residential/commercial sector.

### 2.4.4 North America

Primary energy supply in North America increased by 0.7% to 2,628 Mtoe in 2005 and 1.4% per annum from 2,197 Mtoe in 1992. The area accounted for 41.0% share of energy supply in the APEC region in 2005.



The main energy source in North America is oil, and the supply of oil has increased 1.8% per annum over the past 13 years.

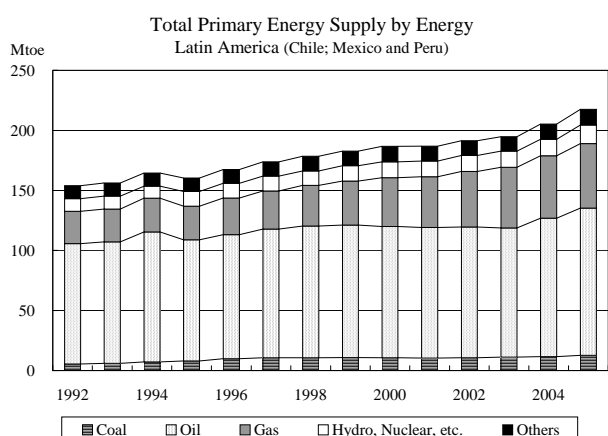
In terms of final energy consumption by sector, energy consumption by the industrial and transportation accounted for 18.5% and 39.4% of the total, respectively. The residential/commercial sector consumed 29.7% of the total.

### 2.4.5 Latin America

Primary energy supply in Latin America grew by 6.0% to 217 Mtoe in 2005, increasing by 2.7% per annum from 154 Mtoe in 1992. Imports of natural gas via pipeline to Chile began in 1999, and this boosted overall growth.

Oil is the major energy source in Latin America and represented 56.4% of the total, followed by gas with a share of 24.7% in 2005.

In terms of final energy consumption by sector, the transport and industrial sectors consumed 42.7% and 27.5% of the total, respectively, in 2005.



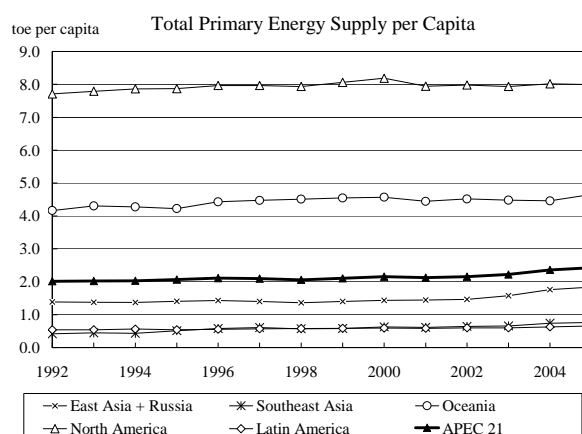
### 2.5 Other Analyses

This section analyses per capita primary energy

consumption, the elasticity of primary energy supply against real GDP and CO<sub>2</sub> Emissions in the region.

### 2.5.1 Primary Energy Supply Per Capita

North America had the highest primary energy supply (8.00 toe per capita) in the APEC region in 2005, followed in order by Oceania (4.66 toe), East Asia and Russia (1.84 toe), Southeast Asia (0.76 toe) and Latin America (0.66 toe). The average for APEC was 2.43 toe per capita in 2005.

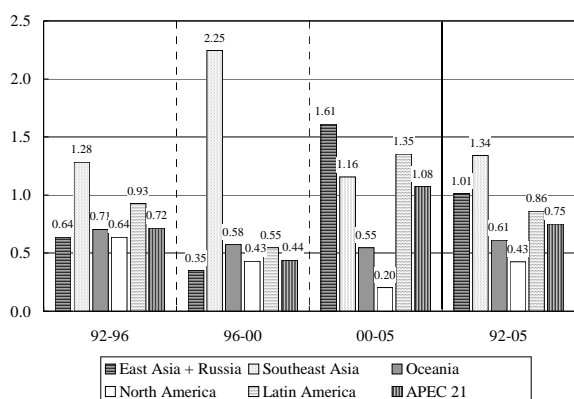


From 1992 to 2005, the APEC average growth rate in energy per capita was 1.4% per annum (from 2.02 toe per capita). While in Southeast Asia, the growth rate was 4.7% per annum for the last 13 years. North America showed almost no growth (0.3%) over this period.

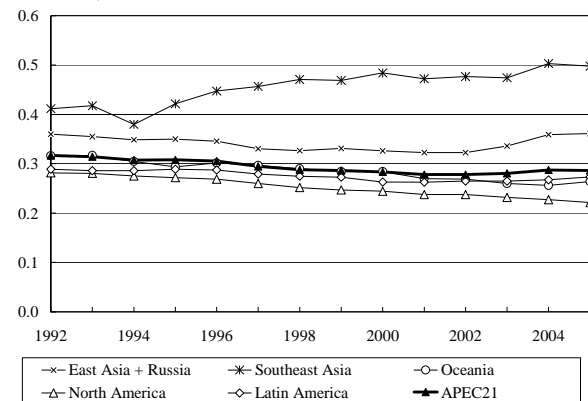
### 2.5.2 Elasticity of Primary Energy Supply against Real GDP

From 1992 to 2005, the elasticity of supply has exceeded 1.0 in Southeast Asia (1.40) and East Asia and Russia (1.01), over the last 13 years. The converse is true for Oceania (0.61), North America (0.43, the lowest) and Latin America (0.86). Elasticity for the APEC region as a whole was 0.75. This means that when the GDP of the APEC region increased by one unit, energy supply increased 0.75 units.

Total Primary Energy Supply Elasticity for Real GDP



Total Primary Energy Supply per GDP



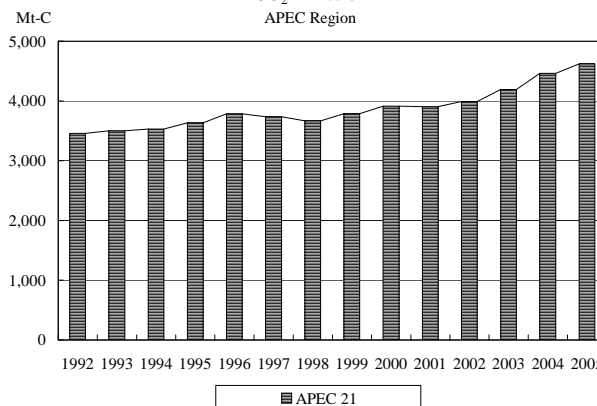
From 1992 to 2005, the average growth rate in energy per GDP was -0.8% per annum (from 0.32 toe/ million US\$ to 0.29 toe/million US\$). While in Southeast Asia, the growth rate was 1.5% per annum for the last 13 years. In North America, the average growth rate was -1.8% per annum from 1992 to 2005.

### 2.5.3 CO<sub>2</sub> Emissions from Fuel Combustion

The CO<sub>2</sub> emission data for 2005 were collected from 8 member economies, namely: Australia; Canada; Hong Kong, China; Japan; New Zealand; Chinese Taipei; Thailand and United States. For the other member economies, the Coordinating Agency (The Energy Data and Modelling Center) estimated their CO<sub>2</sub> emissions data. Based on both of the data mentioned above, CO<sub>2</sub> emissions from fuel combustion grew by 3.6% from 4,463 Mt-C in 2004 to 4,622 Mt-C in 2005, or 2.3% per

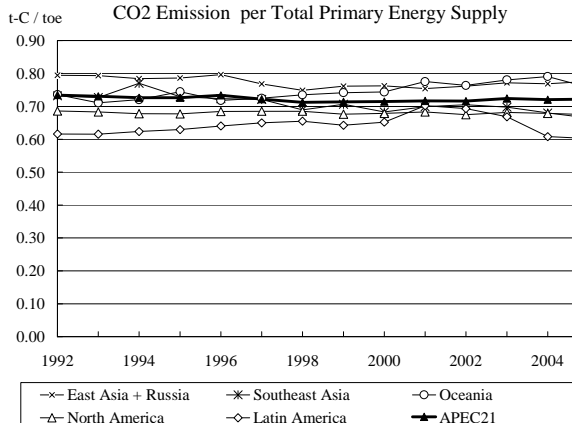
annum from 3,458 Mt-C in 1992. As a result, CO<sub>2</sub> emissions per total primary energy supply, per real GDP and per population became 0.72 t-C/toe, 206.8 t-C/US Million-dollar (at 2000 price) and 1.75 t-C/capita in 2005 respectively.

CO<sub>2</sub> Emission APEC Region



From 1992 to 2005, the average growth rate in CO<sub>2</sub> per energy was -0.1% per annum (0.722 t-C/toe in 2005).

CO<sub>2</sub> Emission per Total Primary Energy Supply



## 3 Member Tables

### 3.1 Australia

## Energy Balance Table of Australia in 2005

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
<b>1 Indigenous Production</b>	204,667	-	24,139	-	-	-	-	-	-
<b>2 Import</b>	-	-	21,377	9,651	2,483	-	830	-	3,444
<b>3 Export</b>	-150,312	-1	-14,828	-1,503	-636	-	-192	-	-309
<b>4 International Marine Bunkers</b>	-	-	-	-832	-	-	-	-	-53
<b>5 Stock Changes</b>	435	-484	-299	177	-20	-	-18	4	37
<b>6 Total Primary Energy Supply</b>	54,790	-485	30,389	7,492	1,828	-	620	4	3,119
<b>7 Transfers</b>	-	-	-791	7,397	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-52,197	1,715	-34,081	33,717	14,274	250	4,495	110	10,710
<b>8.1 Main Activity Producer</b>	-48,354	-642	-	-423	-	-	-	-	-349
<b>8.2 Autoproducers</b>	-	-19	-	-147	-	-	-	-	-109
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-34,081	34,307	14,274	250	4,495	110	11,168
<b>8.5 Coal Transformation</b>	-3,843	2,376	-	-20	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-313	-27	-2,487	-	-	-	-	-989
<b>10. Discrepancy</b>	-38	0	4,510	-6,937	-367	-219	-619	-29	-195
<b>11 Total Final Energy Consumption</b>	2,555	918	-	39,182	15,734	31	4,496	85	12,646
<b>12 Industry Sector</b>	2,432	842	-	6,622	-	31	-	5	2,318
<b>13 Transport Sector</b>	92	-	-	29,583	15,631	-	4,496	-	7,911
<b>14 Other Sector</b>	31	76	-	2,977	104	-	-	77	2,417
<b>14.1 Residential &amp; Commercial</b>	31	76	-	861	-	-	-	77	436
<b>14.2 Agriculture</b>	-	-	-	2,116	104	-	-	-	1,981
<b>14.3 Other</b>	-	-	-	-	-	-	-	-	-
<b>15 Non-energy</b>	-	-	-	3,221	-	16	-	7	2

## Energy Balance Table of Australia in 2004

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
<b>1 Indigenous Production</b>	192,578	-	27,643	-	-	-	-	-	-
<b>2 Import</b>	-	-	21,648	6,448	1,651	-	531	-	1,626
<b>3 Export</b>	-141,522	-159	-18,629	-2,271	-637	-	-447	-	-867
<b>4 International Marine Bunkers</b>	-	-	-	-819	-	-	-	-	-88
<b>5 Stock Changes</b>	-1,152	-289	784	-241	-83	-	5	-4	27
<b>6 Total Primary Energy Supply</b>	49,905	-448	31,446	3,116	931	-	89	-4	698
<b>7 Transfers</b>	-	-	-813	7,202	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-47,475	1,675	-35,651	34,998	14,481	169	4,193	152	11,551
<b>8.1 Main Activity Producer</b>	-43,881	-568	-	-429	-	-	-	-	-336
<b>8.2 Autoproducers</b>	-	-19	-	-401	-	-	-	-	-109
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-35,651	35,850	14,481	169	4,193	152	11,996
<b>8.5 Coal Transformation</b>	-3,594	2,263	-	-22	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-311	-19	-2,457	-	-	-	-	-799
<b>10. Discrepancy</b>	-26	-0	5,037	-5,367	-81	-138	13	-55	367
<b>11 Total Final Energy Consumption</b>	2,403	916	-	37,492	15,331	31	4,295	92	11,817
<b>12 Industry Sector</b>	2,308	856	-	5,905	1	31	-	19	1,985
<b>13 Transport Sector</b>	66	-	-	28,742	15,230	-	4,295	-	7,542
<b>14 Other Sector</b>	30	61	-	2,845	100	-	-	71	2,289
<b>14.1 Residential &amp; Commercial</b>	30	61	-	849	-	-	-	71	423
<b>14.2 Agriculture</b>	-	-	-	1,996	100	-	-	-	1,866
<b>14.3 Other</b>	-	-	-	-	-	-	-	-	-
<b>15 Non-energy</b>	-	-	-	2,861	-	16	-	20	2



Energy Balance Table of Australia in 2005 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	35,226	1,366	-	139	5,235	-	-	270,773		
1,166	312	-	-	1,416	-	-	-	-	-	-	-	31,028		
-181	-	-	-	-185	-12,260	-	-	-	-	-	-	-178,903		
-780	-	-	-	-	-	-	-	-	-	-	-	-832		
5	-40	-	-	208	-	-	-	-	-	-	-	-172		
210	272	-	-	1,439	22,966	1,366	-	139	5,235	-	-	121,894		
-	314	-	510	6,573	-	-	-	-	-	-	-	6,606		
909	612	1,118	-	1,238	-8,277	-1,366	-	-77	-1,203	21,596	-	-40,173		
-74	-	-	-	-	-4,991	-1,343	-	-77	-324	20,544	-	-35,609		
-38	-	-	-	-	-2,873	-24	-	-	-868	1,052	-	-2,878		
-	-	-	-	-	-282	-	-	-	-	-	-	-282		
1,042	612	1,118	-	1,238	-	-	-	-	-	-	-	225		
-20	-	-	-	-	-131	-	-	-	-	-	-	-1,618		
-	-	-	-	-	-	-	-	-	-11	-	-	-11		
-45	-	-1,053	-	-399	-2,923	-	-	-	-	-3,924	-	-9,673		
-113	1,011	22	-31	-6,397	214	-0	-	-0	0	87	-	-2,165		
961	2,210	86	479	2,453	11,981	-	-	63	4,032	17,759	-	76,489		
516	463	-393	-1,969	2,344	6,375	-	-	-	2,585	7,939	-	26,795		
175	1,371	-	-	-	353	-	-	-	-	214	-	30,243		
3	376	-	-	-	3,928	-	-	63	1,447	9,606	-	18,128		
3	345	-	-	-	3,927	-	-	63	1,447	9,453	-	15,857		
-	32	-	-	-	2	-	-	-	-	152	-	2,271		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	268	-	479	2,449	1,324	-	-	-	-	-	-	4,545		

Energy Balance Table of Australia in 2004 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	31,999	1,366	-	123	5,297	-	-	259,007		
1,261	453	-	-	925	-	-	-	-	-	-	-	28,096		
-71	-	-	-	-249	-8,850	-	-	-	-	-	-	-171,432		
-732	-	-	-	-	-	-	-	-	-	-	-	-819		
-88	23	-	-	-120	-	-	-	-	-	-	-	-897		
371	476	-	-	556	23,150	1,366	-	123	5,297	-	-	113,955		
-	375	-	472	6,354	-	-	-	-	-	-	-	6,388		
621	635	1,165	-	2,032	-8,246	-1,366	-	-61	-1,152	20,558	-	-36,719		
-92	-	-	-	-	-4,986	-1,342	-	-61	-295	19,550	-	-32,011		
-293	-	-	-	-	-2,828	-24	-	-	-857	1,007	-	-3,123		
-	-	-	-	-	-280	-	-	-	-	-	-	-280		
1,028	635	1,165	-	2,032	-	-	-	-	-	-	-	200		
-22	-	-	-	-	-152	-	-	-	-	-	-	-1,505		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-67	-	-1,073	-	-518	-2,773	-	-	-	-	-3,546	-	-9,107		
24	838	0	-26	-6,309	-293	-	-	-0	-0	83	-	-566		
948	2,324	92	446	2,115	11,837	-	-	62	4,146	17,094	-	73,951		
509	438	-354	-1,665	2,013	6,395	-	-	-	2,549	7,685	-	25,697		
171	1,504	-	-	-	338	-	-	-	-	197	-	29,343		
3	382	-	-	-	3,772	-	-	62	1,597	9,212	-	17,578		
3	351	-	-	-	3,770	-	-	62	1,597	9,052	-	15,421		
-	31	-	-	-	2	-	-	-	-	159	-	2,157		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	266	-	446	2,112	1,333	-	-	-	-	-	-	4,195		

## Major Energy Indicators of Australia

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	69,279	74,566	78,988	81,111	86,111	88,167	87,141	88,497	92,998
Indigenous Production	86,084	125,763	145,576	138,579	145,439	158,159	167,638	172,478	175,254
Import	13,902	8,843	10,240	11,239	14,061	14,196	13,496	15,475	19,677
Export	-32,208	-62,794	-70,176	-75,801	-72,746	-78,871	-93,356	-98,816	-104,135
Final Energy Consumption	51,533	53,480	55,978	58,085	60,499	57,980	57,599	58,141	60,392
Industry	23,239	22,506	23,438	24,525	25,711	22,992	22,737	22,386	23,425
Transport	17,547	19,465	20,315	21,208	22,011	22,685	22,284	22,902	23,427
Residential & Commercial	8,494	9,198	9,864	9,994	10,294	10,972	11,231	11,463	12,143
Agriculture	1,075	1,245	1,284	1,259	1,327	1,319	1,337	1,360	1,388
<b>Coal, Coal Products</b>									
Primary Energy Supply	26,403	30,318	31,748	32,414	35,312	34,981	36,313	36,864	37,543
Indigenous Production	51,868	81,066	98,932	91,565	100,432	106,118	114,772	119,154	119,989
Import	-	-	-	-	-	-	-	-	-
Export	-28,645	-54,442	-61,808	-66,576	-64,929	-67,262	-78,195	-82,003	-85,612
Transformation Sector	-19,165	-24,037	-25,650	-27,045	-28,803	-30,398	-31,604	-32,439	-32,545
Power Generation	-19,184	-23,761	-25,419	-27,017	-28,581	-28,773	-29,786	-30,578	-30,782
Final Energy Consumption	7,328	5,917	5,859	5,869	5,976	4,204	4,294	4,238	4,319
Industry	7,107	5,665	5,619	5,642	5,740	3,993	4,088	4,046	4,135
Transport	4	88	86	79	88	72	77	83	86
Residential & Commercial	217	163	154	148	147	139	129	108	98
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	29,632	27,150	28,297	29,297	30,349	32,951	32,380	33,541	35,833
Indigenous Production	19,906	25,990	26,448	26,250	23,721	29,026	29,051	28,687	28,408
Import	9,891	6,405	6,782	8,409	10,587	10,087	10,821	13,336	16,917
Export	-107	-4,885	-4,788	-5,418	-4,127	-5,856	-7,652	-8,507	-9,411
Transformation Sector	-29,788	-28,759	-27,987	-29,986	-30,533	-29,443	-30,164	-32,133	-32,924
Petroleum Refineries	-29,788	-28,759	-27,987	-29,986	-30,533	-29,442	-30,163	-32,132	-32,922
<b>Petroleum Products</b>									
Primary Energy Supply	805	714	1,109	996	1,425	-431	-1,391	-1,486	-1,289
Import	4,012	2,438	3,458	2,830	3,474	4,109	2,675	2,139	2,760
Export	-3,456	-3,467	-3,580	-3,807	-3,689	-3,404	-3,533	-3,246	-3,165
Transformation Sector	29,314	28,362	27,872	30,060	30,420	31,215	32,024	32,695	34,190
Power Generation	-1,132	-916	-601	-482	-646	-871	-893	-615	-619
Petroleum Refineries	30,525	29,327	28,517	30,583	31,124	32,102	32,936	33,333	34,827
Final Energy Consumption	27,930	26,717	27,347	28,631	29,769	30,515	29,805	30,423	31,347
Industry	7,003	4,603	4,412	4,845	5,086	6,307	6,094	6,054	6,429
Transport	17,466	19,273	20,112	20,997	21,774	22,448	21,947	22,535	23,031
Residential & Commercial	1,327	691	638	616	615	635	632	665	701
Agriculture	956	1,093	1,119	1,083	1,151	1,114	1,122	1,137	1,177
<b>Natural Gas</b>									
Primary Energy Supply	7,794	11,249	12,648	13,123	13,495	15,344	14,439	14,633	15,191
Indigenous Production	7,794	11,249	12,648	13,123	13,495	17,693	18,416	19,693	21,137
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-2,350	-3,977	-5,060	-5,946
Transformation Sector	-1,622	-2,528	-3,004	-3,327	-3,385	-4,092	-3,159	-3,351	-3,448
Power Generation	-1,642	-2,391	-2,779	-3,010	-3,092	-3,471	-2,612	-2,837	-2,931
Final Energy Consumption	5,851	8,286	9,185	9,361	9,672	8,810	8,866	9,032	9,275
Industry	4,366	6,198	6,832	7,056	7,277	6,115	6,034	6,048	6,139
Transport	-	-	-	-	-	10	102	122	147
Residential & Commercial	1,485	2,079	2,343	2,294	2,385	2,684	2,729	2,860	2,987
Agriculture	-	-	-	-	-	1	1	1	1
<b>Electricity</b>									
Power Generation	8,261	10,403	11,388	11,948	12,696	13,337	13,489	13,730	14,082
Thermal	7,076	9,116	10,137	10,662	11,404	12,057	12,104	12,374	12,615
Hydro	1,185	1,287	1,251	1,287	1,292	1,280	1,385	1,356	1,468
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	6,966	8,713	9,654	10,232	10,842	11,112	11,328	11,435	11,771
Industry	2,948	3,928	4,407	4,761	5,175	5,090	5,115	5,174	5,341
Transport	77	103	117	131	149	155	157	162	163
Residential & Commercial	3,821	4,531	4,964	5,165	5,341	5,663	5,840	5,877	6,058
Agriculture	119	152	165	176	177	204	215	222	210

Major Energy Indicators of Australia (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
93,243	94,701	101,331	103,726	106,565	108,412	110,348	108,270	111,856	112,944	113,955	121,894
173,835	187,232	190,227	201,389	216,847	213,461	233,474	249,110	254,451	253,790	259,007	270,773
20,159	20,634	23,366	24,258	23,667	28,047	26,259	27,283	28,010	27,951	28,096	31,028
-103,760	-110,024	-113,713	-126,400	-135,423	-138,035	-153,528	-161,200	-167,703	-166,772	-171,432	-178,903
61,826	64,108	66,165	67,820	69,105	70,158	72,075	72,949	70,963	72,302	73,951	76,489
24,438	25,018	25,693	26,416	27,029	27,382	28,106	28,768	25,677	25,798	27,030	28,119
24,064	25,154	26,150	26,697	26,955	27,445	28,240	28,289	28,313	29,175	29,343	30,243
11,877	12,456	12,838	13,166	13,547	13,725	14,101	14,255	15,168	15,299	15,421	15,857
1,437	1,472	1,477	1,531	1,564	1,603	1,629	1,637	1,804	2,030	2,157	2,271
37,084	37,549	40,679	44,340	47,142	48,104	48,156	48,221	49,043	48,287	49,457	54,306
118,698	127,836	129,968	140,692	152,447	154,568	164,608	178,459	184,352	185,245	192,578	204,667
-	-	-	-	-	-	-	-	-	-	-	-
-85,113	-88,596	-91,324	-101,546	-108,083	-111,729	-121,454	-125,034	-132,588	-135,507	-141,682	-150,312
-32,055	-32,627	-35,718	-39,281	-42,315	-43,348	-43,637	-44,117	-45,842	-45,196	-45,800	-50,482
-30,377	-30,935	-34,141	-37,426	-40,720	-41,741	-42,200	-42,801	-44,602	-43,785	-44,469	-49,015
4,340	4,287	4,129	4,510	4,418	4,316	4,115	3,829	2,885	2,741	3,320	3,473
4,162	4,113	3,965	4,344	4,271	4,180	3,979	3,648	2,757	2,623	3,163	3,274
83	86	85	92	90	88	88	110	58	55	66	92
94	88	78	74	57	47	47	71	70	62	91	107
-	-	-	-	-	-	-	-	-	-	-	-
35,285	35,167	37,783	37,036	37,185	36,305	36,523	33,681	33,953	34,246	31,446	30,389
26,739	28,365	27,876	28,222	31,140	25,058	33,911	35,016	32,969	30,667	27,643	24,139
17,309	17,478	20,169	20,526	20,755	24,457	22,260	23,136	23,979	23,130	21,648	21,377
-8,835	-10,372	-10,066	-11,926	-14,211	-13,612	-19,365	-23,534	-23,376	-19,517	-18,629	-14,828
-33,160	-33,317	-35,265	-36,894	-38,792	-37,627	-37,086	-35,642	-38,690	-39,018	-35,651	-34,081
-33,159	-33,316	-35,264	-36,893	-38,791	-37,626	-37,085	-35,641	-38,690	-39,018	-35,651	-34,081
-628	-791	-666	-1,500	-2,075	-688	-22	-462	617	1,686	3,116	7,492
2,849	3,156	3,197	3,732	2,913	3,590	4,000	4,147	4,031	4,821	6,448	9,651
-2,917	-2,800	-3,475	-4,302	-4,184	-3,549	-3,443	-3,826	-2,852	-2,597	-2,271	-1,503
34,787	35,616	37,077	37,673	38,154	37,523	37,856	36,369	35,902	35,786	34,998	33,717
-644	-723	-722	-559	-572	-484	-498	-583	-872	-796	-830	-570
35,441	36,363	37,818	38,251	38,746	38,026	38,376	36,975	36,800	36,607	35,850	34,307
32,124	33,420	34,693	35,186	35,581	36,075	37,223	37,135	36,080	37,337	37,492	39,182
6,609	6,803	7,098	7,021	7,150	7,172	7,535	7,458	5,859	5,974	5,905	6,622
23,646	24,709	25,688	26,204	26,446	26,903	27,647	27,642	27,741	28,628	28,742	29,583
657	653	651	651	648	638	661	650	820	851	849	861
1,204	1,248	1,250	1,300	1,327	1,359	1,381	1,386	1,660	1,885	1,996	2,116
15,922	17,029	17,203	17,219	17,890	18,174	19,095	20,196	21,332	22,034	23,150	22,966
22,817	25,285	26,052	25,845	26,835	27,318	28,360	29,002	30,219	31,186	31,999	35,226
-	-	-	-	-	-	-	-	-	-	-	-
-6,895	-8,255	-8,849	-8,626	-8,946	-9,144	-9,265	-8,806	-8,887	-9,152	-8,850	-12,260
-3,660	-4,103	-3,683	-3,548	-3,776	-4,225	-4,428	-4,787	-8,067	-8,191	-8,246	-8,277
-3,145	-3,562	-3,182	-3,099	-3,334	-3,858	-4,061	-4,413	-7,662	-7,782	-7,814	-7,864
9,696	10,180	10,239	10,407	10,722	10,944	11,459	12,085	11,013	11,514	11,837	11,981
6,565	6,773	6,644	6,753	6,919	7,123	7,506	8,019	7,068	7,525	7,728	7,699
168	188	200	216	231	259	304	329	328	317	338	353
2,962	3,218	3,395	3,437	3,570	3,561	3,648	3,736	3,615	3,671	3,770	3,927
1	1	1	1	1	1	1	1	2	2	2	2
14,406	14,909	15,278	15,751	16,852	17,490	17,867	18,649	19,467	19,618	20,558	21,596
12,975	13,512	13,893	14,268	15,463	16,025	16,393	17,205	18,088	18,221	19,192	20,230
1,432	1,397	1,385	1,483	1,388	1,465	1,474	1,444	1,379	1,397	1,366	1,366
-	-	-	-	-	-	-	-	-	-	-	-
12,090	12,460	12,811	13,233	14,034	14,492	14,857	15,515	16,341	16,367	17,094	17,759
5,555	5,599	5,649	5,788	6,291	6,511	6,624	7,260	7,447	7,298	7,685	7,939
166	171	178	183	188	195	201	209	187	176	197	214
6,136	6,467	6,758	7,031	7,319	7,543	7,784	7,796	8,565	8,751	9,052	9,453
232	224	227	231	237	243	248	251	142	143	159	152

## Major Economic Indicators of Australia

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	14.69	15.76	16.26	16.53	16.81	17.07	17.28	17.50
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	208.55	241.90	260.97	271.49	282.17	280.54	280.86	291.42
Real Term (Billions of 2000 Price and 2000 PPP)	256.04	296.99	320.40	333.32	346.43	344.43	344.82	357.78
Nominal (Billions of Current USD)	170.84	178.82	224.07	283.37	314.46	319.28	324.83	321.70
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	14,195	15,351	16,046	16,422	16,782	16,439	16,250	16,657
Real Term (2000 Price and 2000 PPP)	17,427	18,847	19,700	20,162	20,603	20,183	19,950	20,451
Nominal (Current USD)	11,628	11,348	13,777	17,141	18,702	18,709	18,793	18,388
Nominal GDP & its Components (Billions of Current AUD) *1								
Gross Domestic Product	150.04	256.05	320.02	362.69	397.66	409.01	417.00	438.04
Household Final Consumption Expenditure, etc.	85.68	147.27	180.98	201.48	223.90	239.29	251.21	261.03
General Government Final Consumption Expenditure	27.07	50.03	58.71	63.72	69.61	75.49	80.42	84.04
Gross Fixed Capital Formation	41.58	69.37	85.62	100.90	106.78	96.43	90.57	97.17
Stock Change	0.45	0.87	0.48	3.56	5.09	-1.36	-2.19	0.40
Exports of Goods and Services	22.61	38.94	51.74	55.32	60.84	66.25	70.06	77.04
Imports of Goods and Services	25.53	47.20	54.08	62.30	68.77	66.95	69.27	79.10
Real GDP & its Components (Billions of 2000 AUD) *1								
Gross Domestic Product	359.71	417.24	450.13	468.27	486.70	483.88	484.43	502.64
Household Final Consumption Expenditure, etc.	218.23	252.78	264.45	276.41	290.83	293.18	298.65	303.42
General Government Final Consumption Expenditure	66.04	81.45	86.86	89.27	91.89	94.70	96.62	98.45
Gross Fixed Capital Formation	83.90	96.43	102.91	113.48	114.30	102.63	97.63	103.56
Stock Change	0.30	0.40	0.38	1.68	2.33	-0.42	-0.95	0.33
Exports of Goods and Services	39.46	52.36	63.19	64.18	67.34	75.21	82.07	87.69
Imports of Goods and Services	46.30	58.37	61.78	76.79	81.02	76.38	79.17	84.17
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	3.5	3.8	3.4	3.4	3.6	3.8	3.5	3.6
Industry	29.0	27.1	27.2	27.9	27.3	27.0	26.4	26.1
Services, etc.	57.8	59.6	60.2	59.3	59.8	60.1	61.0	61.2
Industrial Production Index (2000=100) *2	59.0	67.8	70.8	74.7	78.1	80.0	77.2	77.1
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	21.944	22.604	26.621	33.233	37.125	39.752	41.854	42.824
Imports, c.i.f.	22.399	25.889	29.318	36.095	44.933	41.985	41.648	43.807
Balance of Payments (Billions of Current USD) *2								
Trade Balance	1.371	-0.968	0.492	-0.677	-3.350	0.358	3.528	1.643
Current Account	-4.447	-9.172	-7.966	-11.726	-17.877	-15.948	-10.982	-11.096
Overall Balance	0.448	-2.301	0.374	5.279	0.601	1.740	-0.324	-4.726
Foreign Exchange Rate (AUD/USD) *1	0.8782	1.4319	1.4282	1.2799	1.2646	1.2811	1.2838	1.3616
Purchasing Power Parity (AUD/International Dollar) *1	1.0853	1.2376	1.3648	1.4375	1.4610	1.4552	1.4319	1.4170
Price Indices								
GDP Deflator (2000=100) *3	41.7	61.4	71.1	77.5	81.7	84.5	86.1	87.1
Manufacturing Output Price Index (2000=100) *2	44.3	63.6	72.1	78.6	82.6	87.6	88.8	90.2
Consumer Price Index (2000=100) *2	36.8	54.9	64.9	69.6	74.9	80.4	82.9	83.8
Growth Rate (%) *3								
Real GDP	3.40	4.42	5.48	4.03	3.93	-0.58	0.11	3.76
Population	1.23	1.38	1.53	1.65	1.71	1.49	1.28	1.22
Price								
Manufacturing Output Price Index	14.0	6.6	7.3	9.1	5.1	6.0	1.5	1.5
Consumer Price Index	10.1	6.7	8.5	7.2	7.6	7.3	3.2	1.0

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: AUD shows Australian Dollar, USD shows United States Dollar

: PPP shows Purchasing Power Parity

## Major Economic Indicators of Australia (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
17.67	17.86	18.07	18.31	18.52	18.71	18.93	19.15	19.41	19.64	19.87	20.09	20.33
303.50	317.07	330.13	343.12	358.49	377.05	392.06	399.66	414.73	428.19	445.24	455.60	468.36
372.62	389.28	405.32	421.27	440.13	462.91	481.34	490.67	509.18	525.71	546.64	559.36	575.02
312.79	355.75	384.10	427.07	428.55	381.86	416.24	399.66	380.56	425.30	543.64	655.65	732.51
17,179	17,758	18,268	18,739	19,360	20,151	20,715	20,867	21,364	21,801	22,404	22,676	23,039
21,091	21,802	22,428	23,006	23,769	24,740	25,433	25,619	26,229	26,766	27,506	27,840	28,286
17,705	19,924	21,254	23,323	23,144	20,409	21,993	20,867	19,603	21,654	27,356	32,632	36,033
459.98	486.58	518.16	545.74	577.42	607.86	645.15	689.34	735.78	782.80	838.25	891.52	959.21
270.97	288.57	306.63	319.89	340.77	360.29	380.13	411.02	434.55	462.09	493.29	522.55	N.A.
85.84	89.73	95.03	98.44	103.70	111.66	117.46	125.26	132.30	141.56	150.33	162.99	N.A.
104.31	116.27	118.40	124.91	138.34	146.86	160.09	151.47	168.83	193.79	211.72	226.91	N.A.
1.30	1.86	-0.04	0.76	-0.42	3.63	1.52	0.82	-0.10	2.83	5.94	2.12	N.A.
83.19	87.93	99.38	105.57	114.01	112.55	126.86	154.67	154.78	149.69	144.68	163.84	N.A.
85.42	97.78	101.24	103.83	118.97	127.12	140.91	153.91	154.58	167.17	167.71	189.16	N.A.
523.49	546.90	569.42	591.83	618.34	650.34	676.23	689.34	715.34	738.56	767.96	785.84	807.84
310.31	326.26	338.07	346.88	363.33	380.91	396.55	411.02	423.07	438.41	462.54	482.29	N.A.
99.63	103.16	107.49	109.55	113.73	118.82	122.70	125.26	128.73	133.09	137.85	143.00	N.A.
109.80	122.32	125.25	134.92	148.05	154.69	167.42	151.47	166.11	189.59	205.16	215.47	N.A.
0.46	1.17	-0.03	0.40	0.22	1.92	0.86	0.82	0.01	0.38	2.22	0.93	N.A.
96.35	101.16	111.39	123.22	127.67	131.18	143.80	154.67	153.50	152.33	154.47	158.65	N.A.
89.81	104.75	109.00	119.89	131.77	138.24	155.31	153.91	156.08	176.47	198.88	223.20	N.A.
3.6	2.9	3.4	3.5	3.4	3.5	3.6	3.6	3.6	2.7	3.4	3.1	N.A.
26.1	25.9	25.6	25.1	25.1	24.6	24.4	23.8	23.7	24.2	23.6	23.4	N.A.
61.2	61.7	61.7	62.3	62.1	62.5	62.8	63.7	63.8	64.0	63.9	64.4	N.A.
79.3	83.3	84.3	87.4	89.1	91.8	94.8	100.0	100.1	103.0	103.5	103.5	104.6
42.723	47.528	53.111	60.301	62.910	55.893	56.080	63.870	63.387	65.033	70.342	86.564	105.825
45.577	53.425	61.283	65.427	65.892	64.630	69.158	71.529	63.888	72.690	89.084	109.384	125.280
-0.029	-3.277	-4.223	-0.635	1.849	-5.332	-9.761	-4.862	1.737	-5.514	-15.345	-18.069	-13.372
-9.583	-16.919	-19.277	-15.519	-11.853	-17.783	-21.282	-14.763	-7.433	-15.824	-28.645	-38.781	-40.932
-0.042	-0.960	0.396	2.471	2.873	-2.040	6.705	-1.365	1.096	0.122	6.877	1.166	7.256
1.4706	1.3678	1.3490	1.2779	1.3474	1.5918	1.5500	1.7248	1.9334	1.8406	1.5419	1.3598	1.3095
1.3966	1.3850	1.3882	1.3804	1.3750	1.3611	1.3695	1.4049	1.4110	1.4290	1.4423	1.4607	1.4841
87.9	89.0	91.0	92.2	93.4	93.5	95.4	100.0	102.9	106.0	109.2	113.4	118.7
92.0	92.7	96.6	96.9	98.1	94.2	93.3	100.0	103.1	103.3	103.8	107.9	114.3
85.3	86.9	90.9	93.3	93.5	94.3	95.7	100.0	104.4	107.5	110.5	113.1	116.1
4.15	4.47	4.12	3.93	4.48	5.18	3.98	1.94	3.77	3.25	3.98	2.33	2.80
0.98	1.06	1.22	1.32	1.13	1.05	1.15	1.20	1.36	1.17	1.18	1.10	1.18
2.0	0.8	4.2	0.3	1.2	-4.0	-0.9	7.1	3.1	0.2	0.5	4.0	6.0
1.8	1.9	4.6	2.6	0.3	0.9	1.5	4.5	4.4	3.0	2.8	2.3	2.7

## Energy Price of Australia in 2005

## Currency Exchange Rate

	Local currency / US Dollar	
<b>Currency Exchange Rate</b>		
<b>Local Currency Unit</b>		AUD

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal			Coking Coal			Coking Coal		
Anthracite			Anthracite			Anthracite		
Other bituminous coal			Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal			Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke	AUD / t	366.3	Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB	AUD / tonne	614.3	BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			<b>Gas Works Gas</b>			<b>Gas Works Gas</b>		
Crude Oil	AUD / l	0.39	<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG	AUD / l	0.27	Ethane			Ethane		
Naphtha			LPG			LPG		
Motor Gasoline	AUD / l	0.47	Naphtha			Naphtha		
Aviation Gasoline	AUD / l	0.47	Motor Gasoline	AUD	98.2	Motor Gasoline	AUD	103.0
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline		
Kerosene Type Jet Fuel	AUD / l	0.49	Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene	AUD / l	0.98	Kerosene Type Jet Fuel			Kerosene Type Jet Fuel		
Gas/Diesel Oil	AUD / l	0.49	Other Kerosene			Other Kerosene		
Fuel Oil	AUD / l	0.28	Gas/Diesel Oil	AUD	105.2	Gas/Diesel Oil		
White Spirit SBP			Fuel Oil			Fuel Oil		
Lubricants	AUD / l	0.89	White Spirit SBP			White Spirit SBP		
Bitumen	AUD / l	0.36	Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke	AUD / t	236.4	Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas			<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas			Natural Gas			Natural Gas		
Compressed Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity			Industrial		
			<b>Other Energy Products</b>			Commercial		
						Residential		
						Others		
						<b>Other Energy Products</b>		

## Original Table (Quarterly) of Australia in 2006

Coal Unit: 1,000kton

	Production	Imports	Exports	Stock Changes	
2006	JAN.	-	-	20	N.A.
	FEB.	-	-	17	N.A.
	MAR.	-	-	19	N.A.
	<b>1st quarter</b>	72	-	56	N.A.
	APR.	-	-	21	N.A.
	MAY.	-	-	19	N.A.
	JUN.	-	-	20	N.A.
	<b>2nd quarter</b>	77	-	60	N.A.
	JUL.	-	-	21	N.A.
	AUG.	-	-	21	N.A.
	SEP.	-	-	19	N.A.
	<b>3rd quarter</b>	78	-	60	N.A.
	OCT.	-	-	20	N.A.
	NOV.	-	-	20	N.A.
	DEC.	-	-	20	N.A.
	<b>4th quarter</b>	76	-	60	N.A.
	303	-	236	N.A.	

Oil

Unit: 1000ton

		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	1,178	1,661	549	36	1,076	345	219
	FEB.	1,364	1,674	853	223	1,192	308	75
	MAR.	1,425	1,821	634	19	966	320	-195
	<b>1st quarter</b>	3,967	5,156	2,036	278	3,234	973	99
	APR.	1,327	1,450	670	-137	924	201	-63
	MAY.	1,433	1,647	465	200	1,231	197	-23
	JUN.	1,328	1,597	624	197	1,110	209	87
	<b>2nd quarter</b>	4,088	4,694	1,759	260	3,265	607	1
	JUL.	1,876	1,374	1,117	-159	889	204	141
	AUG.	1,987	1,659	696	25	832	355	-237
	SEP.	1,859	1,587	1,197	-3	711	234	-159
	<b>3rd quarter</b>	5,722	4,620	3,010	-137	2,432	793	-255
	OCT.	2,003	1,366	1,064	94	1,116	276	55
	NOV.	1,779	1,432	759	90	942	295	-260
	DEC.	1,952	2,008	1,323	-193	994	273	215
	<b>4th quarter</b>	5,734	4,806	3,146	-9	3,052	844	10
	19,511	19,276	9,951	392	11,983	3,217	-145	

Original Table (Quarterly) of Australia in 2006 (Continued)

## Natural Gas ( or LNG)

Unit: 10<sup>6</sup>cubic m

	Production	Imports	Exports	Stock Changes
2006 JAN.	3,053	-	-	N.A.
FEB.	2,740	-	-	N.A.
MAR.	2,799	-	-	N.A.
<b>1st quarter</b>	8,592	-	2,860	N.A.
APR.	3,450	-	-	N.A.
MAY.	3,169	-	-	N.A.
JUN.	3,586	-	-	N.A.
<b>2nd quarter</b>	10,205	-	3,480	N.A.
JUL.	3,629	-	-	N.A.
AUG.	3,254	-	-	N.A.
SEP.	3,252	-	-	N.A.
<b>3rd quarter</b>	10,135	-	3,450	N.A.
OCT.	3,314	452	-	N.A.
NOV.	3,171	430	-	N.A.
DEC.	3,269	505	-	N.A.
<b>4th quarter</b>	9,754	1,387	5,300	N.A.
	38,686	1,387	15,090	N.A.

## Electricity

Unit: GWh

	Gross Generation					Imports	Exports
	Total	Thermal	Hydro	Nuclear	Others		
2006 JAN.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
FEB.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MAR.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>1st quarter</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
APR.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MAY.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
JUN.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>2nd quarter</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
JUL.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
AUG.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
SEP.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>3rd quarter</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
OCT.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
NOV.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
DEC.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>4th quarter</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.



## 3.2 Brunei Darussalam

## Energy Balance Table of Brunei Darussalam in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	-	-	10,487	-	-	-	-	-	-
2 Import	-	-	-	43	10	-	-	-	17
3 Export	-	-	-9,806	-	-	-	-	-	-
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	-	-	15	-4	-0	-	-1	-	-4
6 Total Primary Energy Supply	-	-	697	38	10	-	-1	-	13
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-	-	-706	632	210	-	83	-	176
8.1 Main Activity Producer	-	-	-	-	-	-	-	-	-
8.2 Autoproducers	-	-	-	-8	-	-	-	-	-8
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-706	639	210	-	83	-	184
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-170	-1	-	-2	-	-22
10. Discrepancy	-	-	9	-0	0	-	0	-	-
11 Total Final Energy Consumption	-	-	-	499	219	-	80	-	167
12 Industry Sector	-	-	-	47	-	-	2	-	45
13 Transport Sector	-	-	-	418	219	-	77	-	122
14 Other Sector	-	-	-	34	-	-	1	-	1
14.1 Residential & Commercial	-	-	-	17	-	-	1	-	0
14.2 Agriculture	-	-	-	0	-	-	-	-	0
14.3 Other	-	-	-	17	-	-	-	-	-
15 Non-energy	-	-	-	17	-	-	-	-	-

Note: Above Energy Balance Table were estimated by CA.

## Energy Balance Table of Brunei Darussalam in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	-	-	10,741	-	-	-	-	-	-
2 Import	-	-	-	14	-	-	-	-	-
3 Export	-	-	-9,999	-88	-	-	-	-	-
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	-	-	-35	-1	2	-	-2	-	-1
6 Total Primary Energy Supply	-	-	707	-75	2	-	-2	-	-1
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-	-	-715	632	215	-	86	-	172
8.1 Main Activity Producer	-	-	-	-6	-	-	-	-	-6
8.2 Autoproducers	-	-	-	-1	-	-	-	-	-1
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-715	639	215	-	86	-	179
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-78	-1	-	-	-	-23
10. Discrepancy	-	-	8	4	-1	-	2	-	0
11 Total Final Energy Consumption	-	-	-	482	215	-	86	-	148
12 Industry Sector	-	-	-	39	-	-	2	-	37
13 Transport Sector	-	-	-	409	215	-	83	-	111
14 Other Sector	-	-	-	34	-	-	1	-	1
14.1 Residential & Commercial	-	-	-	16	-	-	-	-	0
14.2 Agriculture	-	-	-	0	-	-	-	-	0
14.3 Other	-	-	-	18	-	-	1	-	-
15 Non-energy	-	-	-	17	-	-	-	-	-

Note: Above Energy Balance Table were estimated by CA.

Energy Balance Table of Brunei Darussalam in 2005 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	11,143	-	-	-	-	-	-	21,630	
-	-	-	-	16	-	-	-	-	-	-	-	43	
-	-	-	-	-	-9,556	-	-	-	-	-	-	-19,362	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-0	-	-	0	-	-	-	-	-	-	-	11	
-	-0	-	-	17	1,587	-	-	-	-	-	-	2,322	
-	-	-	-	-	-	-	-	-	-	-	-	-	
88	17	57	-	-	-1,078	-	-	-	-	281	-	-872	
-	-	-	-	-	-970	-	-	-	-	251	-	-719	
-	-	-	-	-	-108	-	-	-	-	30	-	-86	
-	-	-	-	-	-	-	-	-	-	-	-	-	
88	17	57	-	-	-	-	-	-	-	-	-	-66	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-88	-	-57	-	-	-496	-	-	-	-	-17	-	-683	
-	-1	-	-	0	-0	-	-	-	-	-	-	9	
-	16	-	-	17	13	-	-	-	-	264	-	776	
-	-	-	-	-	-	-	-	-	-	49	-	96	
-	-	-	-	-	-	-	-	-	-	-	-	418	
-	16	-	-17	17	13	-	-	-	-	215	-	263	
-	16	-	-	-	13	-	-	-	-	215	-	246	
-	-	-	-	-	-	-	-	-	-	-	-	0	
-	-	-	-17	17	-	-	-	-	-	-	-	17	
-	-	-	-	17	-	-	-	-	-	-	-	17	

Energy Balance Table of Brunei Darussalam in 2004 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	11,401	-	-	-	-	-	-	22,142	
-	-	-	-	14	-	-	-	-	-	-	-	14	
-86	-	-	-	-2	-9,826	-	-	-	-	-	-	-19,913	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	0	-	-	0	-	-	-	-	-	-	-	-36	
-86	0	-	-	12	1,574	-	-	-	-	-	-	2,207	
-	-	-	-	-	-	-	-	-	-	-	-	-	
86	16	55	-	2	-1,110	-	-	-	-	278	-	-916	
-	-	-	-	-	-997	-	-	-	-	250	-	-753	
-	-	-	-	-	-113	-	-	-	-	28	-	-86	
-	-	-	-	-	-	-	-	-	-	-	-	-	
86	16	55	-	2	-	-	-	-	-	-	-	-77	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-55	-	-	-449	-	-	-	-	-16	-	-544	
-	-1	-	-	3	-0	-	-	-	-	-	-	12	
-	16	-	-	17	14	-	-	-	-	262	-	759	
-	-	-	-	-	-	-	-	-	-	54	-	93	
-	-	-	-	-	-	-	-	-	-	-	-	409	
-	16	-	-17	17	14	-	-	-	-	208	-	257	
-	16	-	-	-	14	-	-	-	-	104	-	134	
-	-	-	-	-	-	-	-	-	-	-	-	0	
-	-	-	-17	17	-	-	-	-	-	104	-	122	
-	-	-	-	17	-	-	-	-	-	-	-	17	

## Major Energy Indicators of Brunei Darussalam

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	3,245	1,880	1,925	1,416	2,259	2,071	3,184	2,081	2,669
Indigenous Production	20,664	14,693	14,271	14,786	14,902	15,259	16,808	16,785	16,463
Import	215	40	37	37	71	80	70	42	10
Export	-17,589	-12,512	-12,107	-13,122	-13,005	-12,977	-13,764	-14,688	-13,804
Final Energy Consumption	241	401	416	440	419	417	407	526	526
Industry	39	43	49	55	48	53	59	27	52
Transport	165	246	253	262	242	255	238	323	314
Residential & Commercial	37	113	115	123	119	108	109	114	155
Agriculture	-	-	-	-	-	-	-	5	6
<b>Coal, Coal Products</b>									
Primary Energy Supply	-	-	-	-	-	-	-	-	-
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-	-	-	-	-	-	-	-	-
Power Generation	-	-	-	-	-	-	-	-	-
Final Energy Consumption	-	-	-	-	-	-	-	-	-
Industry	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	167	50	78	-133	559	38	1,003	461	437
Indigenous Production	12,121	7,499	6,945	7,576	7,576	7,677	9,031	8,892	8,535
Import	-	-	-	-	67	76	30	-	-
Export	-11,919	-7,108	-6,591	-7,424	-7,374	-7,424	-8,132	-8,373	-8,071
Transformation Sector	-	-223	-256	-253	54	65	-312	-520	-498
Petroleum Refineries	-	-223	-256	-253	-302	-321	-312	-520	-498
<b>Petroleum Products</b>									
Primary Energy Supply	215	34	32	32	1	0	37	42	10
Import	215	40	37	37	5	4	40	42	10
Export	-	-6	-5	-5	-4	-3	-5	-	-
Transformation Sector	-	220	257	270	304	314	267	525	401
Power Generation	-	-1	-2	-2	-3	-3	-3	-3	-4
Petroleum Refineries	-	188	241	255	279	290	251	528	405
Final Energy Consumption	215	314	315	329	302	309	289	355	355
Industry	31	27	20	23	14	17	39	-	29
Transport	165	246	253	262	242	255	238	323	314
Residential & Commercial	19	42	43	44	36	37	12	4	13
Agriculture	-	-	-	-	-	-	-	-	-
<b>Natural Gas</b>									
Primary Energy Supply	2,863	1,796	1,815	1,517	1,698	2,033	2,144	1,579	2,222
Indigenous Production	8,543	7,194	7,326	7,210	7,326	7,583	7,778	7,893	7,927
Import	-	-	-	-	-	-	-	-	-
Export	-5,670	-5,398	-5,511	-5,692	-5,628	-5,549	-5,628	-6,315	-5,733
Transformation Sector	-1,726	-1,848	-1,618	-2,041	-2,034	-1,226	-2,330	-402	-1,640
Power Generation	-733	-955	-945	-1,410	-1,470	-517	-1,740	-505	-527
Final Energy Consumption	-	36	36	36	36	25	30	61	61
Industry	-	-	-	-	-	-	-	5	-
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	36	36	36	36	25	30	32	61
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	33	61	81	91	94	101	109	119	133
Thermal	33	61	81	91	94	101	109	119	133
Hydro	-	-	-	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	26	51	65	75	81	82	88	109	109
Industry	8	16	29	32	34	36	20	22	23
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	18	35	36	43	47	46	68	78	80
Agriculture	-	-	-	-	-	-	-	5	6

Major Energy Indicators of Brunei Darussalam (Continued)

												ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
2,392	2,712	2,811	2,890	2,912	2,529	2,701	2,422	3,320	3,798	2,207	2,322	
16,886	17,395	16,889	16,774	16,238	16,486	17,411	17,519	20,769	21,774	22,142	21,630	
25	36	88	106	38	22	22	8	19	13	14	43	
-14,466	-14,678	-14,251	-13,789	-13,475	-13,896	-14,845	-15,086	-17,516	-18,033	-19,913	-19,362	
564	632	735	801	748	665	636	635	689	703	759	776	
113	109	120	130	108	94	91	84	93	94	93	96	
314	330	361	389	358	324	324	337	360	371	409	418	
113	150	187	217	223	233	198	203	224	222	134	246	
6	-	0	1	0	0	0	0	0	0	0	0	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
491	534	537	588	606	569	566	565	647	672	707	697	
8,676	8,465	8,027	7,912	7,664	8,386	9,006	9,072	10,124	10,296	10,741	10,487	
-	-	-	-	-	-	-	-	-	-	-	-	
-8,197	-7,900	-7,573	-7,153	-7,130	-7,746	-8,541	-8,475	-9,521	-9,637	-9,999	-9,806	
-503	-534	-546	-612	-632	-582	-573	-569	-646	-658	-715	-706	
-503	-534	-546	-612	-632	-582	-573	-569	-646	-658	-715	-706	
9	40	84	100	42	18	22	10	14	12	-75	38	
25	36	88	106	38	22	22	8	19	13	14	43	
-4	-0	-1	-1	-1	-0	-1	-0	-0	-0	-88	-	
392	540	526	602	629	528	573	525	569	591	632	632	
-	-4	-4	-5	-5	-4	-5	-	-6	-6	-7	-8	
382	533	518	595	622	520	566	513	561	583	639	639	
416	451	505	548	491	400	401	395	434	442	482	499	
72	65	70	81	60	48	40	33	39	40	39	47	
314	330	361	389	358	324	324	337	360	371	409	418	
12	13	15	16	14	15	14	14	24	15	16	17	
-	-	0	1	0	0	0	0	0	0	0	0	
1,893	2,138	2,190	2,202	2,265	1,943	2,113	1,847	2,660	3,113	1,574	1,587	
8,210	8,931	8,861	8,862	8,573	8,101	8,405	8,448	10,644	11,479	11,401	11,143	
-	-	-	-	-	-	-	-	-	-	-	-	
-6,265	-6,778	-6,676	-6,635	-6,344	-6,150	-6,302	-6,611	-7,995	-8,396	-9,826	-9,556	
-1,331	-1,886	-1,989	-2,022	-2,209	-1,226	-1,378	-1,835	-2,277	-2,640	-1,110	-1,078	
-667	-1,312	-1,336	-1,443	-1,462	-1,219	-1,378	-1,419	-1,891	-1,959	-1,110	-1,078	
17	33	26	25	24	23	22	26	30	27	14	13	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
17	33	26	25	24	23	22	26	30	27	14	13	
-	-	-	-	-	-	-	-	-	-	-	-	
143	188	215	233	241	235	244	250	259	272	278	281	
143	188	215	233	241	235	244	250	259	272	278	281	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
131	149	204	228	234	241	213	214	225	233	262	264	
41	44	50	49	49	46	51	52	54	54	54	49	
-	-	-	-	-	-	-	-	-	-	-	-	
84	104	147	176	185	195	161	163	170	180	104	215	
6	-	-	-	-	-	-	-	-	-	-	-	

## Major Economic Indicators of Brunei Darussalam

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	0.19	0.22	0.24	0.24	0.25	0.26	0.26	0.27
Gross Domestic Product *4								
Real Term (Billions of 2000 Price and 2000 USD)	N.A.	N.A.	N.A.	N.A.	4.76	4.81	4.96	5.20
Real Term (Billions of 2000 Price and 2000 PPP)	N.A.	N.A.	N.A.	N.A.	4.76	4.81	4.96	5.20
Nominal (Billions of Current USD)	4.93	3.52	2.75	2.69	2.99	3.52	3.70	4.18
GDP per Capita *4								
Real Term (2000 Price and 2000 USD)	N.A.	N.A.	N.A.	N.A.	19,044	18,714	18,765	19,113
Real Term (2000 Price and 2000 PPP)	N.A.	N.A.	N.A.	N.A.	19,044	18,714	18,765	19,113
Nominal (Current USD)	25,534	15,800	11,671	11,081	11,951	13,698	14,001	15,389
Nominal GDP & its Components (Billions of Current BND) *3								
Gross Domestic Product	10.55	7.75	5.80	5.41	5.82	6.38	6.39	6.82
Household Final Consumption Expenditure, etc.	0.74	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
General Government Final Consumption Expenditure	0.88	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Gross Fixed Capital Formation	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Stock Change	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Exports of Goods and Services	9.85	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Imports of Goods and Services	1.23	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Real GDP & its Components (Billions of 2000 BND) *3								
Gross Domestic Product	N.A.	N.A.	N.A.	N.A.	8.20	8.29	8.55	8.96
Household Final Consumption Expenditure, etc.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
General Government Final Consumption Expenditure	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Gross Fixed Capital Formation	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Stock Change	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Exports of Goods and Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Imports of Goods and Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	N.A.	N.A.	N.A.	N.A.	1.0	1.0	1.0	1.0
Industry	N.A.	N.A.	N.A.	N.A.	59.8	61.6	59.6	60.4
Services, etc.	N.A.	N.A.	N.A.	N.A.	39.2	37.5	39.4	38.6
Industrial Production Index (2000=100)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	4.581	2.972	1.902	1.708	1.883	2.213	2.682	2.401
Imports, c.i.f.	0.572	0.615	0.641	0.744	0.859	1.001	1.208	1.482
Balance of Payments (Billions of Current USD)								
Trade Balance	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Current Account	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Overall Balance	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Foreign Exchange Rate (BND/USD) *1	2.141	2.200	2.106	2.012	1.950	1.813	1.728	1.629
Purchasing Power Parity (BND/International Dollar) *1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Price Indices								
GDP Deflator (2000=100) *4	N.A.	N.A.	N.A.	N.A.	71.0	77.0	74.8	76.1
Wholesale Price Index (2000=100) *2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index (2000=100) *2	61.5	76.2	78.5	79.4	80.5	82.2	83.5	84.6
Growth Rate (%) *4								
Real GDP	N.A.	N.A.	N.A.	N.A.	N.A.	1.09	3.15	4.76
Population	3.35	2.84	2.88	2.89	2.88	2.87	2.86	2.85
Price								
Wholesale Price Index	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index	N.A.	2.4	1.2	1.2	1.3	2.1	1.6	1.3

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : "Brunei Darussalam Statistical Yearbook", Statistical Division, Department of Economic Planning and Development, Ministry of Finance

\*4 : Estimation from \*1, \*2 and \*3 by the Coordinating Agency

Note : N.A. shows "not available"

: BND shows Brunei Dollar, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Brunei Darussalam (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0.28	0.29	0.29	0.30	0.31	0.32	0.33	0.33	0.34	0.35	0.36	0.37	0.37
5.21	5.38	5.62	5.78	5.69	5.66	5.84	6.00	6.17	6.40	6.59	6.62	6.65
5.21	5.38	5.62	5.78	5.69	5.66	5.84	6.00	6.17	6.40	6.59	6.62	6.65
4.11	4.09	4.73	5.12	5.20	4.05	4.60	6.00	5.60	5.84	6.56	7.87	9.53
18,645	18,716	19,043	19,096	18,352	17,810	17,919	17,997	18,060	18,328	18,433	18,114	17,788
18,645	18,716	19,043	19,096	18,352	17,810	17,919	17,997	18,060	18,328	18,433	18,114	17,788
14,686	14,229	16,049	16,902	16,749	12,740	14,125	17,997	16,405	16,722	18,340	21,527	25,497
6.63	6.24	6.71	7.21	7.72	6.78	7.80	10.35	10.04	10.46	11.42	13.31	15.86
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
8.99	9.27	9.68	9.96	9.82	9.76	10.06	10.35	10.63	11.04	11.36	11.42	11.46
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1.1	1.2	1.2	1.1	1.2	1.4	1.2	1.0	1.1	1.1	1.2	1.1	0.9
57.2	53.8	54.3	56.3	56.1	51.5	55.2	63.7	60.0	60.7	64.1	67.9	71.6
41.7	45.0	44.6	42.6	42.7	47.0	43.6	35.3	38.8	38.2	34.6	31.0	27.5
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
2.167	2.210	2.402	2.481	2.467	2.058	2.579	3.903	3.640	3.702	4.421	5.057	6.582
1.822	1.854	2.091	2.494	2.203	1.552	1.342	1.107	1.159	1.556	1.327	1.422	1.400
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1.616	1.527	1.417	1.410	1.485	1.674	1.695	1.724	1.792	1.791	1.742	1.690	1.664
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1.7240	N.A.	N.A.	N.A.	N.A.	N.A.
73.8	67.4	69.3	72.4	78.6	69.4	77.5	100.0	94.4	94.8	100.5	116.5	138.4
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
88.2	90.3	95.7	97.6	99.3	98.9	98.5	100.0	104.4	98.3	98.5	99.4	100.6
0.30	3.15	4.48	2.88	-1.47	-0.56	3.05	2.85	2.74	3.87	2.90	0.50	0.39
2.82	2.76	2.68	2.60	2.52	2.46	2.43	2.40	2.38	2.35	2.32	2.27	2.22
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4.3	2.5	6.0	2.0	1.7	-0.4	-0.4	1.6	0.6	-2.3	0.3	0.8	1.2

## Original Table (Quarterly) of Brunei Darussalam in 2006

Coal		Unit: 1000ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	n.a	n.a	n.a	n.a
	FEB.	n.a	n.a	n.a	n.a
	MAR.	n.a	n.a	n.a	n.a
	<b>1st quarter</b>	n.a	n.a	n.a	n.a
	APR.	n.a	n.a	n.a	n.a
	MAY.	n.a	n.a	n.a	n.a
	JUN.	n.a	n.a	n.a	n.a
	<b>2nd quarter</b>	n.a	n.a	n.a	n.a
	JUL.	n.a.	n.a.	n.a.	n.a.
	AUG.	n.a.	n.a.	n.a.	n.a.
	SEP.	n.a.	n.a.	n.a.	n.a.
	<b>3rd quarter</b>	n.a.	n.a.	n.a.	n.a.
	OCT.	n.a.	n.a.	n.a.	n.a.
	NOV.	n.a.	n.a.	n.a.	n.a.
	DEC.	n.a.	n.a.	n.a.	n.a.
	<b>4th quarter</b>	n.a.	n.a.	n.a.	n.a.
		n.a.	n.a.	n.a.	n.a.

Oil		Unit: 1000 m3						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	1,074		1,076	-79			6
	FEB.	994		833	94			-1
	MAR.	1,194		1,046	65			1
	<b>1st quarter</b>	3,262		2,956	80			7
	APR.	1,045		1,000	-24			0
	MAY.	1,087		1,092	-74			-3
	JUN.	987		939	-20			-1
	<b>2nd quarter</b>	3,120		3,031	-119			-4
	JUL.	1,039		900	66			4
	AUG.	1,092		945	86			-7
	SEP.	1,104		1,132	-103			6
	<b>3rd quarter</b>	3,235		2,977	50			3
	OCT.	1,133		1,166	-107			1
	NOV.	1,053		1,054	-70			-2
	DEC.	1,007		858	79			4
	<b>4th quarter</b>	3,193		3,078	-98			3
		12,810	-	12,042	-88	-	-	8



Original Table (Quarterly) of Brunei Darussalam in 2006 (Continued)

Natural Gas ( or LNG)		Unit: 10 <sup>3</sup> m <sup>3</sup>			
		Production	Imports	Exports	Stock Changes
2006	JAN.	1,099,494	-	955,682	n.a
	FEB.	1,002,878	-	873,245	n.a
	MAR.	1,135,907	-	991,156	n.a
	<b>1st quarter</b>	3,238,278	-	2,820,082	n.a
	APR.	1,070,744	-	933,060	n.a
	MAY.	950,068	-	804,608	n.a
	JUN.	974,053	-	836,062	n.a
	<b>2nd quarter</b>	2,994,866	-	2,573,730	n.a
	JUL.	1,046,537	-	902,231	n.a
	AUG.	1,051,220	-	916,778	n.a
	SEP.	1,081,059	-	939,515	n.a
	<b>3rd quarter</b>	3,178,816	-	2,758,524	n.a
	OCT.	1,115,155	-	971,750	n.a
	NOV.	1,070,163	-	927,615	n.a
	DEC.	1,026,665	-	884,318	n.a
	<b>4th quarter</b>	3,211,983	-	2,783,683	n.a
	12,623,943	-	10,936,020	n.a	

Electricity		Unit: GWh					Imports	Exports
		Total	Thermal	Hydro	Nuclear	Others		
2006	JAN.	-	-	-	-	-	-	-
	FEB.	-	-	-	-	-	-	-
	MAR.	-	-	-	-	-	-	-
	<b>1st quarter</b>	-	-	-	-	-	-	-
	APR.	-	-	-	-	-	-	-
	MAY.	-	-	-	-	-	-	-
	JUN.	-	-	-	-	-	-	-
	<b>2nd quarter</b>	-	-	-	-	-	-	-
	JUL.	-	-	-	-	-	-	-
	AUG.	-	-	-	-	-	-	-
	SEP.	-	-	-	-	-	-	-
	<b>3rd quarter</b>	-	-	-	-	-	-	-
	OCT.	279	279	-	-	-	-	-
	NOV.	283	283	-	-	-	-	-
	DEC.	280	280	-	-	-	-	-
	<b>4th quarter</b>	841	841	-	-	-	-	-
	841	841	-	-	-	-	-	

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.



### 3.3 Canada

## Energy Balance Table of Canada in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Petroleum Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	31,767	-	148,168	-	-	-	-	-	-
2 Import	11,617	58	46,636	13,989	3,910	-	2,328	29	1,056
3 Export	-16,826	-101	-85,862	-21,914	-7,355	-350	-702	-113	-6,820
4 International Marine Bunkers	-	-	-	-589	-	-	-	-	-80
5 Stock Changes	1,380	80	-2,375	46	12	38	-0	-75	-105
6 Total Primary Energy Supply	27,938	37	106,567	-8,469	-3,434	-313	1,626	-159	-5,948
7 Transfers	-	-	-8,959	17,326	660	925	-356	-1,213	1,928
8 Total Transformation Sector	-26,434	1,145	-98,808	101,864	34,895	3,421	4,647	1,698	31,683
8.1 Main Activity Producer	-23,533	-	-	-3,886	-	-	-	-	-138
8.2 Autoproducers	-	-125	-	-	-	-	-	-	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-98,808	105,750	34,895	3,421	4,647	1,698	31,821
8.5 Coal Transformation	-2,901	1,269	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-135	-	-	-9,482	-1	-1	-	-	-18
10. Discrepancy	91	250	1,199	-9,355	65	-958	-62	2	-391
11 Total Final Energy Consumption	1,461	1,431	-	91,884	32,186	3,073	5,855	328	27,255
12 Industry Sector	1,436	1,431	-	23,424	-	3,073	-	72	3,477
13 Transport Sector	-	-	-	52,382	32,186	-	5,855	-	12,949
14 Other Sector	25	-	-	16,079	-	-	-	256	10,829
14.1 Residential & Commercial	25	-	-	13,747	-	-	-	251	8,753
14.2 Agriculture	-	-	-	2,332	-	-	-	5	2,076
14.3 Other	-	-	-	-	-	-	-	-	-
15 Non-energy	241	9	-	19,841	-	3,073	-	-	-

## Energy Balance Table of Canada in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Petroleum Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	32,174	-	149,989	-	-	-	-	-	-
2 Import	10,790	173	47,168	12,270	3,007	-	1,748	15	960
3 Export	-15,393	-85	-89,126	-22,119	-7,162	-385	-722	-92	-7,294
4 International Marine Bunkers	-	-	-	-602	-	-	-	-	-91
5 Stock Changes	649	126	1,324	-254	5	-25	-59	10	145
6 Total Primary Energy Supply	28,220	214	109,356	-10,705	-4,149	-410	967	-67	-6,279
7 Transfers	-	-	-8,463	17,224	970	854	-225	-1,135	1,032
8 Total Transformation Sector	-26,221	1,163	-104,045	104,300	35,653	4,441	4,896	1,587	32,551
8.1 Main Activity Producer	-23,263	-	-	-4,386	-	-	-	-	-145
8.2 Autoproducers	-1	-122	-	-	-	-	-	-	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-104,045	108,686	35,653	4,441	4,896	1,587	32,696
8.5 Coal Transformation	-2,957	1,285	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-164	-	-	-9,180	-1	-2	-	-	-17
10. Discrepancy	-299	63	3,152	-9,784	-168	-783	-16	6	-557
11 Total Final Energy Consumption	1,535	1,440	-	91,855	32,305	4,100	5,622	392	26,730
12 Industry Sector	1,510	1,440	-	23,924	-	4,100	-	72	3,360
13 Transport Sector	-	-	-	51,972	32,305	-	5,622	-	12,561
14 Other Sector	25	-	-	15,960	-	-	-	320	10,810
14.1 Residential & Commercial	25	-	-	13,626	-	-	-	312	8,718
14.2 Agriculture	-	-	-	2,334	-	-	-	7	2,092
14.3 Other	-	-	-	-	-	-	-	-	-
15 Non-energy	264	11	-	20,212	-	4,100	-	-	-

Energy Balance Table of Canada in 2005 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	154,108	31,272	23,986	128	12,602	-	-	402,031	
2,507	-	-	-	4,159	7,833	-	-	-	51	1,692	-	81,875	
-3,356	-325	-	-	-2,893	-87,402	-	-	-	-9	-3,743	-	-215,858	
-510	-	-	-	-	-	-	-	-	-	-	-	-589	
81	-42	-	-	137	6,116	-	-	-	-	-	-	5,247	
-1,279	-367	-	-	1,404	80,655	31,272	23,986	128	12,643	-2,051	-	272,706	
948	2,883	-	5,883	5,669	-	-	-	-	-	-	-	8,367	
4,986	2,010	6,293	-	12,231	-9,743	-31,272	-23,986	-128	-2,274	54,025	825	-34,785	
-2,946	-	-	-	-802	-6,563	-28,566	-23,986	-128	-9	49,789	825	-36,056	
-	-	-	-	-	-1,443	-2,705	-	-	-2,096	4,236	-	-2,133	
-	-	-	-	-	-1,170	-	-	-	-	-	-	-1,170	
7,932	2,010	6,293	-	13,034	-	-	-	-	-	-	-	6,943	
-	-	-	-	-	-	-	-	-	-	-	-	-1,632	
-	-	-	-	-	-567	-	-	-	-170	-	-	-738	
-680	-32	-6,293	-	-2,458	-14,921	-	-	-	-	-8,347	-0	-32,885	
370	202	-	-	-8,583	-4,963	-	-	-	-0	300	0	-12,477	
4,345	4,696	-	5,883	8,263	51,029	-	-	-	10,369	43,926	825	200,926	
-547	3,448	-5,883	486	5,397	18,070	-	-	-	8,329	18,172	811	71,672	
970	228	-	-194	194	4,299	-	-	-	-	366	-	57,047	
1,301	1,020	-	-2,673	2,623	25,177	-	-	-	2,040	25,388	15	68,725	
1,238	864	-	-	2,640	24,752	-	-	-	2,040	24,507	13	65,085	
62	156	-	-	33	425	-	-	-	-	881	1	3,640	
-	-	-	-2,673	-50	-	-	-	-	-	-	-	-	
-	2,622	-	5,883	8,263	3,483	-	-	-	-	-	-	23,574	

Energy Balance Table of Canada in 2004 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	150,832	29,321	23,555	83	12,233	-	-	398,187	
2,671	-	-	-	3,870	8,920	-	-	-	61	1,966	-	81,349	
-3,365	-292	-	-	-2,808	-86,459	-	-	-	-10	-2,895	-	-216,087	
-511	-	-	-	-	-	-	-	-	-	-	-	-602	
-36	-7	-	-	-289	4,732	-	-	-	-	-	-	6,577	
-1,240	-298	-	-	772	78,025	29,321	23,555	83	12,284	-930	-	269,423	
810	2,002	-	6,051	6,864	-	-	-	-	-	-	-	8,761	
5,328	2,209	5,344	-	12,290	-9,137	-29,321	-23,555	-83	-2,163	51,621	935	-36,507	
-3,047	-	-	-	-1,194	-6,032	-26,526	-23,555	-83	-9	47,305	935	-35,614	
-	-	-	-	-	-1,359	-2,796	-	-	-2,011	4,316	-	-1,974	
-	-	-	-	-	-1,181	-	-	-	-	-	-	-1,181	
8,375	2,209	5,344	-	13,485	-	-	-	-	-	-	-	4,641	
-	-	-	-	-	-	-	-	-	-	-	-	-1,672	
-	-	-	-	-	-564	-	-	-	-143	-	-	-707	
-747	-60	-5,344	-	-3,010	-14,467	-	-	-	-	-7,415	-	-31,226	
468	302	-	-	-9,037	-1,843	0	-	-	-0	304	-	-8,407	
4,620	4,155	-	6,051	7,880	52,578	-	-	-	10,121	43,581	935	202,045	
280	2,713	-6,051	884	5,167	19,924	-	-	-	8,274	17,808	923	73,803	
1,003	283	-	-198	198	3,605	-	-	-	-	367	-	55,944	
1,156	1,159	-	-2,515	2,447	25,504	-	-	-	1,847	25,406	11	68,753	
1,087	1,022	-	-	2,487	25,048	-	-	-	1,847	24,532	10	65,087	
69	138	-	-	28	457	-	-	-	-	874	1	3,666	
-	-	-	-2,515	-68	-	-	-	-	-	-	-	-	
-	2,181	-	6,051	7,880	3,545	-	-	-	-	-	-	24,032	

## Major Energy Indicators of Canada

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	194,245	193,954	200,853	211,834	221,776	209,419	208,763	214,054	221,153
Indigenous Production	207,701	240,481	251,930	271,378	274,114	273,750	285,080	294,137	315,978
Import	41,540	29,044	38,120	43,453	45,954	46,386	44,406	44,350	44,226
Export	-52,494	-79,607	-87,401	-103,220	-102,818	-105,777	-120,864	-128,272	-138,175
Final Energy Consumption	156,724	153,478	156,848	165,881	169,860	159,981	158,054	160,961	164,824
Industry	61,067	61,887	65,632	68,494	68,181	60,903	60,363	60,416	61,466
Transport	45,020	39,861	41,691	44,511	45,350	44,439	43,128	44,886	45,504
Residential & Commercial	48,190	48,844	46,733	49,783	52,904	51,329	51,169	52,056	54,101
Agriculture	2,431	2,866	2,780	2,966	3,306	3,310	3,394	3,602	3,754
<b>Coal, Coal Products</b>									
Primary Energy Supply	21,293	26,930	26,627	27,959	30,876	24,277	25,315	26,267	24,130
Indigenous Production	20,204	33,742	33,510	36,627	39,039	37,927	39,732	35,362	37,530
Import	10,808	10,141	10,077	11,861	9,960	9,547	8,469	8,759	5,864
Export	-10,203	-18,217	-17,823	-19,886	-22,600	-21,442	-23,493	-19,432	-19,650
Transformation Sector	-16,316	-21,021	-20,992	-22,779	-22,941	-21,399	-22,694	-23,520	-21,444
Power Generation	-14,797	-19,781	-19,886	-21,699	-21,926	-19,972	-20,902	-21,697	-19,680
Final Energy Consumption	5,657	5,350	5,068	5,173	4,946	2,924	2,806	2,655	2,473
Industry	5,554	5,243	4,978	5,099	4,892	2,872	2,752	2,610	2,430
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	103	107	91	74	55	51	54	45	43
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	97,222	73,335	76,846	80,224	82,607	83,136	79,205	78,710	82,978
Indigenous Production	85,309	86,990	91,626	96,410	94,101	94,485	94,914	99,431	104,554
Import	28,162	14,362	20,605	22,869	25,055	27,133	27,529	26,015	29,991
Export	-15,229	-28,382	-34,413	-39,699	-36,930	-37,810	-43,024	-47,180	-51,467
Transformation Sector	-96,888	-73,426	-76,842	-81,215	-83,993	-85,816	-82,043	-79,212	-81,964
Petroleum Refineries	-96,888	-73,426	-76,842	-81,215	-83,993	-85,816	-82,043	-79,212	-81,964
<b>Petroleum Products</b>									
Primary Energy Supply	-6,363	-2,255	-3,005	-3,506	-2,336	-5,466	-6,453	-3,737	-6,170
Import	2,314	4,271	7,065	7,875	9,198	7,656	7,624	7,668	7,057
Export	-6,408	-7,946	-8,317	-11,465	-10,578	-11,921	-13,459	-11,804	-12,563
Transformation Sector	92,316	71,272	74,699	78,814	80,596	83,431	81,312	79,289	82,549
Power Generation	-2,998	-1,536	-2,178	-2,584	-4,001	-3,533	-2,988	-3,260	-2,440
Petroleum Refineries	95,314	72,807	76,877	81,399	84,597	86,963	84,300	82,549	84,988
Final Energy Consumption	81,315	65,494	67,918	70,930	72,757	69,862	66,802	68,219	69,793
Industry	20,046	15,659	17,252	18,059	18,093	17,031	16,252	16,699	17,425
Transport	43,191	37,695	39,362	41,547	42,230	41,261	39,639	40,421	40,797
Residential & Commercial	16,583	10,416	9,566	9,427	10,258	9,500	8,833	8,844	9,303
Agriculture	1,478	1,705	1,727	1,770	2,056	2,069	2,077	2,255	2,268
<b>Natural Gas</b>									
Primary Energy Supply	45,889	49,902	48,811	53,623	57,791	54,743	55,405	58,382	61,961
Indigenous Production	63,643	70,240	71,439	82,414	87,332	88,579	93,559	102,758	113,283
Import	2	5	76	313	626	521	259	1,351	664
Export	-18,057	-21,329	-22,772	-29,242	-30,790	-33,045	-38,780	-47,144	-51,488
Transformation Sector	-1,806	-1,201	-1,187	-1,431	-2,952	-2,447	-2,295	-3,429	-4,283
Power Generation	-1,806	-1,201	-1,187	-1,431	-2,952	-1,868	-1,687	-2,662	-3,147
Final Energy Consumption	35,108	41,674	39,701	44,105	45,689	43,314	44,128	45,835	47,832
Industry	17,137	19,284	20,013	22,055	22,308	20,238	20,304	20,271	20,698
Transport	1,634	1,935	2,073	2,675	2,830	2,897	3,220	4,172	4,395
Residential & Commercial	16,058	20,056	17,223	18,929	20,077	19,681	20,104	20,850	22,068
Agriculture	279	399	392	447	473	498	500	541	671
<b>Electricity</b>									
Power Generation	32,245	39,245	42,437	43,102	42,564	41,457	43,729	44,744	45,760
Thermal	1,127	-1,796	-3,827	-3,714	-2,132	-3,113	-4,958	-3,495	-6,566
Hydro	21,769	26,163	27,274	26,447	25,062	25,529	26,520	27,218	27,835
Nuclear	9,348	14,878	18,991	20,369	19,633	19,041	22,166	21,020	24,491
Final Energy Consumption	26,440	31,915	34,685	36,417	37,236	35,952	36,292	36,368	37,130
Industry	12,035	14,718	15,924	16,124	15,802	14,443	14,577	14,401	14,873
Transport	196	232	256	289	289	281	268	293	312
Residential & Commercial	13,535	16,203	17,844	19,253	20,369	20,484	20,634	20,869	21,135
Agriculture	674	762	662	750	776	743	812	804	810

## Major Energy Indicators of Canada (Continued)

												ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
229,279	232,434	237,543	241,587	240,914	248,174	250,507	246,644	250,745	263,030	269,423	272,706	
338,896	349,840	359,354	366,154	366,919	367,419	373,859	377,516	384,601	386,619	398,187	402,031	
45,919	45,254	51,343	59,231	63,851	65,359	69,464	73,999	73,815	80,169	81,349	81,875	
-152,730	-165,134	-172,467	-180,416	-187,765	-188,634	-200,008	-205,648	-208,832	-207,393	-216,087	-215,858	
171,193	174,574	181,236	183,868	179,048	185,971	190,319	184,672	189,843	197,206	202,045	200,926	
64,987	66,443	68,627	70,072	68,233	71,863	72,597	69,076	70,988	74,636	77,348	75,155	
47,631	48,947	50,260	51,794	52,940	54,255	53,662	52,895	53,680	54,200	55,944	57,047	
54,797	55,248	58,182	57,693	53,723	55,607	59,779	58,805	61,632	64,691	65,087	65,085	
3,777	3,936	4,167	4,309	4,153	4,246	4,281	3,896	3,543	3,679	3,666	3,640	
24,795	25,172	25,356	28,270	30,755	30,930	28,836	28,291	30,536	30,002	28,434	27,975	
39,416	40,844	41,584	43,085	37,667	37,858	34,407	34,954	32,626	30,258	32,174	31,767	
6,460	6,952	8,016	9,938	13,291	13,028	12,473	12,699	13,580	13,032	10,964	11,674	
-22,028	-23,742	-24,106	-24,881	-19,924	-20,360	-19,518	-17,685	-15,035	-15,028	-15,478	-16,926	
-22,011	-22,420	-22,906	-24,563	-26,381	-26,443	-28,646	-28,035	-27,600	-26,992	-25,058	-25,290	
-20,512	-20,791	-21,271	-22,971	-24,723	-24,742	-26,967	-26,505	-26,066	-25,508	-23,386	-23,658	
2,760	2,664	2,763	2,781	2,666	2,735	2,939	2,819	2,743	2,911	2,975	2,892	
2,718	2,609	2,712	2,736	2,626	2,697	2,902	2,782	2,718	2,888	2,950	2,867	
-	-	-	-	-	-	-	-	-	-	-	-	
43	55	52	45	40	38	37	37	24	24	25	25	
-	-	-	-	-	-	-	-	-	-	-	-	
84,043	84,620	87,844	91,592	93,618	94,510	96,970	99,929	99,734	103,792	109,356	106,567	
108,753	113,875	117,259	122,891	128,819	123,934	128,993	130,754	137,038	144,838	149,989	148,168	
31,696	30,483	35,120	39,415	40,020	42,450	46,941	46,684	44,736	45,770	47,168	46,636	
-55,408	-60,516	-64,444	-69,281	-76,440	-71,602	-78,445	-76,657	-81,677	-85,093	-89,126	-85,862	
-83,925	-82,926	-88,084	-90,232	-91,275	-92,579	-94,871	-97,130	-97,241	-101,116	-104,045	-98,808	
-83,925	-82,926	-88,084	-90,232	-91,275	-92,579	-94,871	-97,130	-97,241	-101,116	-104,045	-98,808	
-7,015	-5,631	-7,486	-7,881	-6,941	-6,370	-7,900	-11,018	-12,787	-10,319	-10,705	-8,469	
6,300	6,629	6,678	8,020	8,363	7,803	7,350	9,978	8,658	11,247	12,270	13,989	
-11,745	-12,414	-14,531	-15,340	-14,396	-14,835	-14,970	-19,348	-20,798	-21,244	-22,119	-21,914	
84,484	84,200	88,939	90,229	89,916	91,643	94,056	96,144	99,992	102,402	104,300	101,864	
-2,017	-2,270	-1,811	-2,577	-3,762	-3,100	-2,854	-3,468	-2,840	-4,398	-4,386	-3,886	
86,501	86,470	90,750	92,806	93,678	94,743	96,910	99,612	102,832	106,800	108,686	105,750	
72,320	73,447	76,323	79,137	77,958	81,520	82,178	82,139	82,740	87,596	91,855	91,884	
17,809	17,935	19,008	19,952	18,944	20,933	20,282	20,587	20,292	22,219	23,924	23,424	
42,704	43,557	44,686	46,105	47,195	48,503	48,515	48,182	48,732	49,987	51,972	52,382	
9,363	9,321	9,885	10,189	9,018	9,198	10,514	10,809	11,463	13,060	13,626	13,747	
2,443	2,634	2,744	2,891	2,801	2,886	2,868	2,561	2,253	2,331	2,334	2,332	
65,009	67,110	70,439	70,965	68,118	71,145	74,259	71,879	73,349	79,728	78,025	80,655	
124,343	130,252	135,229	137,678	141,969	144,456	148,361	152,297	153,342	151,164	150,832	154,108	
860	551	997	1,040	650	659	1,329	3,202	5,407	7,949	8,920	7,833	
-59,170	-64,727	-65,616	-67,026	-73,159	-77,966	-82,681	-88,573	-88,206	-83,324	-86,459	-87,402	
-4,703	-5,752	-5,155	-5,998	-6,975	-7,316	-8,812	-9,400	-8,930	-9,480	-9,137	-9,743	
-3,366	-4,325	-3,691	-4,545	-5,493	-5,797	-7,356	-7,954	-7,268	-7,800	-7,391	-8,006	
49,502	50,762	53,980	53,443	49,786	51,350	53,426	48,783	51,865	53,111	52,578	51,029	
21,777	22,468	23,498	23,891	22,560	22,875	23,405	20,521	21,898	23,077	23,469	21,553	
4,611	5,057	5,244	5,323	5,299	5,321	4,758	4,343	4,602	3,854	3,605	4,299	
22,606	22,744	24,660	23,663	21,417	22,636	24,677	23,418	24,880	25,695	25,048	24,752	
508	493	577	565	510	518	586	501	485	485	457	425	
47,786	48,158	49,271	49,328	48,300	49,787	52,079	50,719	51,698	50,737	51,621	54,025	
-8,697	-6,243	-5,504	-2,351	1,112	890	2,267	2,057	1,858	2,190	-1,256	-1,233	
28,375	28,899	30,595	30,170	28,552	29,745	30,841	28,675	30,157	29,030	29,321	31,272	
28,108	25,502	24,179	21,509	18,636	19,152	18,971	19,987	19,682	19,517	23,555	23,986	
37,618	38,413	38,964	39,463	39,214	40,067	41,409	41,323	42,083	43,074	43,581	43,926	
15,268	15,891	15,960	16,249	16,503	16,900	17,485	17,424	17,516	17,794	17,808	18,172	
317	333	330	366	446	431	389	370	345	358	367	366	
21,210	21,381	21,830	21,996	21,426	21,896	22,710	22,696	23,417	24,061	24,532	24,507	
824	808	845	852	839	841	826	833	805	861	874	881	

## Major Economic Indicators of Canada

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	24.59	25.94	26.55	26.90	27.38	27.79	28.17	28.52
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	408.20	465.52	496.87	521.59	534.69	535.63	524.21	528.79
Real Term (Billions of 2000 Price and 2000 PPP)	483.58	551.49	588.63	617.92	633.43	634.55	621.02	626.45
Nominal (Billions of Current USD)	265.27	350.67	415.32	490.56	547.29	574.20	588.84	570.28
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	16,598	17,945	18,715	19,394	19,529	19,274	18,608	18,541
Real Term (2000 Price and 2000 PPP)	19,664	21,259	22,171	22,975	23,136	22,833	22,044	21,966
Nominal (Current USD)	10,786	13,517	15,643	18,240	19,989	20,662	20,902	19,996
Nominal GDP & its Components (Billions of Current CAD) *1								
Gross Domestic Product	310.16	478.83	550.71	603.74	647.98	669.97	674.64	689.31
Household Final Consumption Expenditure, etc.	164.82	260.83	304.95	330.09	356.81	376.36	388.52	400.93
General Government Final Consumption Expenditure	66.82	105.71	117.50	127.49	138.04	150.99	161.78	168.33
Gross Fixed Capital Formation	72.94	98.09	120.90	136.66	149.06	144.86	134.41	131.23
Stock Change	-0.68	3.48	2.56	3.48	4.09	-2.68	-5.67	-6.56
Exports of Goods and Services	87.69	136.22	148.82	162.80	167.74	174.44	171.00	188.59
Imports of Goods and Services	82.17	125.59	142.72	158.58	168.14	174.02	175.40	191.67
Real GDP & its Components (Billions of 2000 CAD) *1								
Gross Domestic Product	606.22	691.35	737.91	774.62	794.07	795.47	778.51	785.32
Household Final Consumption Expenditure, etc.	350.80	389.03	419.64	437.59	452.00	457.01	449.54	456.52
General Government Final Consumption Expenditure	144.31	160.18	165.28	172.78	177.59	183.89	189.29	191.15
Gross Fixed Capital Formation	116.93	122.60	141.72	154.96	163.66	157.24	148.72	144.65
Stock Change	-8.88	-0.50	-0.43	-0.16	2.12	-3.98	-7.43	-8.06
Exports of Goods and Services	134.15	176.85	190.26	207.57	209.28	219.26	223.21	239.33
Imports of Goods and Services	132.66	159.35	179.97	204.41	216.36	220.76	226.23	236.87
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	2.8	2.6	2.7	2.5	2.6	2.7	2.6	2.4
Industry	33.3	32.7	32.2	32.5	31.9	31.2	30.4	29.9
Services, etc.	61.0	60.9	61.5	60.7	61.0	61.8	63.3	63.9
Industrial Production Index (2000=100) *2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	67.734	90.950	98.168	117.105	121.832	127.629	127.163	134.435
Imports, c.i.f.	62.544	80.640	92.593	112.711	119.792	123.244	124.782	129.262
Balance of Payments (Billions of Current USD) *2								
Trade Balance	7.939	11.867	9.170	8.849	6.560	9.513	6.126	7.381
Current Account	-6.088	-5.734	-13.430	-14.818	-21.769	-19.764	-22.345	-21.160
Overall Balance	-0.536	-3.270	3.313	8.150	0.693	1.139	-1.848	-4.786
Foreign Exchange Rate (CAD/USD) *1	1.1692	1.3655	1.3260	1.2307	1.1840	1.1668	1.1457	1.2087
Purchasing Power Parity (CAD/International Dollar) *1	1.1878	1.2463	1.2784	1.2908	1.3021	1.2938	1.2863	1.2735
Price Indices								
GDP Deflator (2000=100) *3	51.2	69.3	74.6	77.9	81.6	84.2	86.7	87.8
Industry Selling Price Index (2000=100) *2	54.5	71.2	73.9	77.0	78.6	78.8	78.0	78.4
Consumer Price Index (2000=100) *2	46.2	66.0	71.8	74.7	78.4	82.1	86.7	88.1
Growth Rate (%) *3								
Real GDP	2.14	4.78	4.23	4.98	2.51	0.18	-2.13	0.87
Population	1.30	0.93	1.32	1.30	1.80	1.50	1.37	1.23
Price								
Industry Selling Price Index	13.4	2.7	2.8	4.3	2.0	0.3	-1.0	0.5
Consumer Price Index	10.2	4.0	4.4	4.0	5.0	4.8	5.6	1.5

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: CAD shows Canadian Dollar, USD shows United States Dollar

: PPP shows Purchasing Power Parity



## Major Economic Indicators of Canada (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
28.83	29.11	29.35	29.67	29.99	30.25	30.50	30.77	31.08	31.36	31.63	31.99	32.30
541.19	567.23	583.01	592.40	617.54	642.75	678.80	714.45	727.07	749.38	764.34	786.73	809.54
641.14	671.98	690.68	701.80	731.59	761.45	804.17	846.40	861.34	887.78	905.50	932.02	959.05
554.69	555.84	581.66	604.37	627.60	606.92	651.20	714.45	705.07	724.30	854.71	976.74	1,113.84
18,770	19,484	19,861	19,965	20,594	21,249	22,256	23,219	23,392	23,895	24,165	24,594	25,064
22,236	23,083	23,529	23,652	24,397	25,174	26,367	27,507	27,712	28,307	28,628	29,136	29,693
19,238	19,093	19,816	20,368	20,929	20,065	21,351	23,219	22,684	23,095	27,022	30,534	34,485
715.59	759.08	798.30	824.04	868.98	900.35	967.51	1,061.04	1,091.98	1,136.66	1,197.49	1,270.76	1,349.72
417.64	435.04	449.89	468.59	498.07	518.10	547.19	581.86	605.97	640.33	670.62	703.42	N.A.
170.66	171.09	171.95	170.56	171.18	178.66	185.40	199.38	211.06	223.19	235.83	247.77	N.A.
131.07	144.95	143.00	149.94	174.84	181.84	194.47	206.27	217.26	225.58	238.07	258.96	N.A.
-1.30	0.53	9.03	2.27	8.18	4.71	4.99	11.53	-4.73	-1.35	7.25	7.78	N.A.
218.44	260.92	301.13	319.97	347.13	377.38	422.67	489.09	480.80	476.40	459.70	490.96	N.A.
218.96	252.29	275.87	286.65	330.35	359.94	387.30	427.84	417.94	426.81	413.53	437.57	N.A.
803.73	842.39	865.84	879.78	917.12	954.55	1,008.10	1,061.04	1,079.78	1,112.92	1,135.13	1,168.37	1,202.26
464.68	478.55	488.20	500.64	524.09	538.63	559.22	581.86	594.95	616.55	635.59	657.43	N.A.
191.18	188.80	187.71	185.39	183.57	189.42	193.43	199.38	207.27	212.52	218.65	224.55	N.A.
141.74	152.34	149.11	155.65	179.33	183.70	197.02	206.27	214.47	218.03	230.98	246.32	N.A.
-2.53	0.27	7.68	2.25	7.05	5.12	5.68	11.53	-2.06	1.52	9.54	9.94	N.A.
265.43	299.30	324.62	343.01	371.57	405.25	448.97	489.09	474.45	479.17	469.13	492.52	N.A.
254.37	274.88	290.65	305.42	349.11	366.90	395.51	427.84	405.86	412.11	428.97	463.87	N.A.
2.5	2.5	2.4	2.4	2.2	2.3	2.3	2.1	1.9	1.8	1.9	2.0	N.A.
30.2	30.4	30.5	30.5	30.8	30.5	30.5	31.3	30.1	29.9	29.8	30.1	N.A.
63.7	63.2	63.1	62.9	62.7	62.7	62.6	62.3	63.4	63.6	63.9	63.8	N.A.
N.A.	N.A.	78.6	79.5	84.0	86.9	92.1	100.0	96.0	97.5	98.1	100.1	101.4
145.178	165.376	192.197	201.633	214.422	214.327	238.446	276.635	259.858	252.394	272.739	316.547	359.399
139.035	155.072	168.426	175.158	200.873	206.066	220.183	244.786	227.291	227.499	245.021	278.785	319.686
10.137	14.834	25.855	31.091	18.565	15.922	28.292	45.047	45.717	36.498	40.283	50.434	52.679
-21.823	-13.024	-4.328	3.378	-8.233	-7.839	1.765	19.622	16.281	12.604	10.696	22.321	23.408
0.904	-0.392	2.711	5.498	-2.393	4.996	5.933	3.720	2.172	-0.185	-3.255	-2.836	1.335
1.2901	1.3656	1.3724	1.3635	1.3846	1.4835	1.4857	1.4851	1.5488	1.5693	1.4011	1.3010	1.2118
1.2628	1.2516	1.2551	1.2512	1.2449	1.2257	1.2294	1.2536	1.2379	1.2287	1.2438	1.2496	1.2521
89.0	90.1	92.2	93.7	94.8	94.3	96.0	100.0	101.1	102.1	105.5	108.8	112.3
81.2	86.1	92.5	92.9	93.7	93.7	95.2	100.0	101.1	101.2	99.8	102.9	104.5
89.7	89.8	91.8	93.2	94.7	95.7	97.3	100.0	104.4	104.8	107.7	109.7	112.2
2.35	4.81	2.78	1.61	4.24	4.08	5.61	5.25	1.77	3.07	2.00	2.93	2.90
1.10	0.97	0.83	1.08	1.06	0.87	0.83	0.89	1.01	0.90	0.85	1.13	0.97
3.6	6.1	7.4	0.4	0.9	-0.1	1.6	5.1	1.1	0.1	-1.4	3.2	1.5
1.8	0.2	2.2	1.6	1.6	1.0	1.7	2.7	2.5	2.2	2.8	1.8	2.2

## Energy Price of Canada in 2005

## Currency Exchange Rate

	Local currency / US Dollar	
<b>Currency Exchange Rate</b>		
<b>Local Currency Unit</b>		CAD

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal			Coking Coal			Coking Coal		
Anthracite			Anthracite			Anthracite		
Other bituminous coal			Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal			Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke			Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil	\$CDN / bbl	63.27	<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG			Ethane			Ethane		
Naphtha			LPG			LPG		
Motor Gasoline			Naphtha			Naphtha		
Aviation Gasoline			Motor Gasoline	\$CDN / kl	546.00	Motor Gasoline	\$CDN / kl	923.26
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline		
Kerosene Type Jet Fuel			Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene			Kerosene Type Jet Fuel			Kerosene Type Jet Fuel		
Gas/Diesel Oil			Other Kerosene			Other Kerosene		
Fuel Oil			Gas/Diesel Oil	\$CDN / kl	591.70	Gas/Diesel Oil		
White Spirit SBP			Fuel Oil	\$CDN / kl	344.52	Fuel Oil		
Lubricants			White Spirit SBP			White Spirit SBP		
Bitumen			Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke			Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas			<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas			Natural Gas			Natural Gas	\$CDN / m3	N/A
Compressed Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity			Industrial		
			<b>Other Energy Products</b>			Commercial		
						Residential		
						Others		
						<b>Other Energy Products</b>		

## 3.4 Chile

## Energy Balance Table of Chile in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Petroleum Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	354	-	175	-	-	-	-	-	-
2 Import	2,651	-	11,097	3,935	655	-	93	-	1,894
3 Export	-	-28	-	-1,836	-724	-133	-	-	-218
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	-79	49	27	-461	-101	3	-45	6	-91
6 Total Primary Energy Supply	2,926	21	11,299	1,639	-171	-130	47	6	1,585
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-2,471	432	-11,037	10,249	2,534	264	637	98	3,604
8.1 Main Activity Producer	-1,957	-	-	-820	-	-	-	-	-229
8.2 Autoproducers	-8	-	-	-117	-	-	-	-	-19
8.3 Gas Processing	-	-21	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-11,037	11,186	2,534	264	637	98	3,852
8.5 Coal Transformation	-506	453	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-0	-	-	-452	-	-131	-	-0	-2
10. Discrepancy	-0	-4	-263	-0	-	-0	-	-	-0
11 Total Final Energy Consumption	455	449	-	11,436	2,364	3	684	104	5,187
12 Industry Sector	439	449	-	2,061	-	1	-	25	1,464
13 Transport Sector	0	-	-	8,096	2,364	-	684	15	3,581
14 Other Sector	16	-	-	1,279	-	1	-	64	143
14.1 Residential & Commercial	4	-	-	1,173	-	1	-	64	109
14.2 Agriculture	-	-	-	-	-	-	-	-	-
14.3 Other	13	-	-	105	-	-	-	-	33
15 Non-energy	-	213	-	-	-	-	-	-	-

## Energy Balance Table of Chile in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Petroleum Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	451	-	2,156	-	-	-	-	-	-
2 Import	2,794	358	11,306	2,552	516	-	36	1	1,349
3 Export	-	-26	-1,969	-1,554	-785	-	-	-	-63
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	-6	104	-323	-356	7	-2	-116	12	-70
6 Total Primary Energy Supply	3,239	436	11,170	642	-263	-2	-79	13	1,217
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-2,811	-165	-11,231	11,778	2,676	199	722	107	3,942
8.1 Main Activity Producer	-1,961	-559	-	-86	-	-0	-	-	-67
8.2 Autoproducers	-8	-	-	-119	-	-	-	-0	-16
8.3 Gas Processing	-	-169	-	-4	-	-	-	-	-0
8.4 Petroleum Refineries	-	-	-11,231	11,987	2,676	199	722	107	4,026
8.5 Coal Transformation	-843	563	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-1	-0	-	-1,287	-	-195	-	-0	-73
10. Discrepancy	27	184	61	-0	-0	-0	-0	-0	-0
11 Total Final Energy Consumption	454	456	-	11,133	2,414	2	642	119	5,085
12 Industry Sector	438	436	-	2,574	-	2	5	27	1,676
13 Transport Sector	-	-	-	7,271	2,414	-	637	4	3,195
14 Other Sector	17	20	-	1,289	0	0	-	88	215
14.1 Residential & Commercial	5	20	-	1,055	-	0	-	88	139
14.2 Agriculture	-	-	-	11	-	-	-	-	-
14.3 Other	11	-	-	222	0	-	-	-	75
15 Non-energy	-	-	-	-	-	-	-	-	-

Energy Balance Table of Chile in 2005 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	1,929	2,254	-	-	4,599	-	-	9,310		
127	739	-	-	429	5,280	-	-	-	-	185	-	23,149		
-621	-140	-	-	-	-	-	-	-	-	-	-	-1,864		
-	-	-	-	-	-	-	-	-	-	-	-	-		
76	-158	-	-	-151	-160	-	-	-	-	-	-	-624		
-418	441	-	-	278	7,048	2,254	-	-	4,599	185	-	29,971		
-	-	-	-	-	-	-	-	-	-	-	-	-		
2,297	751	287	-	-224	-4,957	-2,254	-	-	-571	4,514	-	-6,096		
-48	-	-	-	-543	-2,335	-2,206	-	-	-20	4,209	-	-3,129		
-76	-1	-21	-	-	-377	-48	-	-	-551	305	-	-796		
-	-	-	-	-	-2,245	-	-	-	-	-	-	-2,266		
2,421	751	308	-	319	-	-	-	-	-	-	-	149		
-	-	-	-	-	-	-	-	-	-	-	-	-53		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-27	-5	-287	-	-	-748	-	-	-	-	-544	-	-1,745		
-0	0	-0	-	-0	-66	-	-	-	-0	-	-	-333		
1,852	1,187	0	-	55	1,277	-	-	-	4,028	4,154	-	21,798		
344	172	0	-	55	758	-	-	-	1,121	2,800	-	7,628		
1,451	1	-	-	-	31	-	-	-	-	22	-	8,149		
57	1,015	-	-	-	488	-	-	-	2,907	1,332	-	6,022		
5	994	-	-	-	442	-	-	-	2,907	1,322	-	5,847		
-	-	-	-	-	-	-	-	-	-	-	-	-		
51	21	-	-	-	46	-	-	-	-	11	-	175		
-	-	-	-	-	2,264	-	-	-	-	-	-	2,478		

Energy Balance Table of Chile in 2004 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	1,966	1,814	-	-	4,311	-	-	10,699		
-	650	-	-	-	5,758	-	-	-	-	164	-	22,931		
-507	-199	-	-	-	-	-	-	-	-	-	-	-3,549		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-66	-121	-	-	-	-215	-	-	-	-	-	-	-796		
-573	330	-	-	-	7,509	1,814	-	-	4,311	164	-	29,284		
-	-	-	-	-	-	-	-	-	-	-	-	-		
2,311	820	667	-	333	-3,216	-1,814	-	-	-338	4,349	-	-3,448		
-18	-0	-	-	-	-3,169	-1,814	-	-	-100	4,341	-	-3,347		
-80	-0	-23	-	-	-48	-	-	-	-238	8	-	-404		
-	-4	-	-	-	-	-	-	-	-	-	-	-173		
2,409	824	691	-	333	-	-	-	-	-	-	-	756		
-	-	-	-	-	-	-	-	-	-	-	-	-280		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-22	-1	-662	-	-333	-262	-	-	-	-	-413	-	-1,963		
0	0	0	-	-	-2,496	-	-	-	0	-8	-	-2,231		
1,716	1,148	5	-	-	1,534	-	-	-	3,974	4,091	-	21,642		
602	256	5	-	-	989	-	-	-	1,074	2,784	-	8,294		
1,019	2	-	-	-	27	-	-	-	-	20	-	7,318		
96	890	-	-	-	518	-	-	-	2,900	1,287	-	6,030		
5	824	-	-	-	438	-	-	-	2,900	1,276	-	5,694		
11	-	-	-	-	-	-	-	-	-	-	-	11		
80	66	-	-	-	80	-	-	-	-	12	-	325		
-	-	-	-	-	-	-	-	-	-	-	-	-		

## Major Energy Indicators of Chile

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	10,971	9,782	10,222	11,987	13,367	14,260	14,742	15,307	15,257
Indigenous Production	7,043	7,157	7,089	7,287	7,511	7,763	8,057	8,352	7,908
Import	4,125	2,792	3,337	4,923	6,246	7,117	7,272	7,573	7,982
Export	-	-	-17	-	-118	-158	-16	-48	-3
Final Energy Consumption	8,271	8,579	9,197	9,916	10,471	11,022	11,943	13,101	13,394
Industry	2,758	2,809	2,935	3,158	3,312	3,203	3,286	3,733	3,857
Transport	2,303	2,264	2,558	2,868	3,108	3,411	3,553	3,834	4,243
Residential & Commercial	2,427	2,643	2,908	3,093	3,274	3,430	3,620	3,920	4,121
Agriculture	626	696	680	673	587	796	1,160	1,319	930
<b>Coal, Coal Products</b>									
Primary Energy Supply	1,393	1,217	1,353	1,613	2,344	2,597	2,468	1,671	1,645
Indigenous Production	743	939	1,042	1,280	1,295	1,451	1,468	1,081	901
Import	650	278	311	333	1,048	1,145	1,000	590	744
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-600	-592	-547	-975	-1,508	-1,776	-1,224	-884	-955
Power Generation	-439	-473	-440	-865	-1,403	-1,649	-1,100	-756	-799
Final Energy Consumption	498	639	663	724	741	734	785	917	825
Industry	479	623	643	699	716	674	684	819	758
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	17	12	16	20	20	18	17	25	6
Agriculture	-	-	-	1	1	41	84	73	61
<b>Crude Oil</b>									
Primary Energy Supply	4,919	3,786	4,139	5,319	5,638	6,307	6,367	6,708	6,936
Indigenous Production	1,568	1,664	1,380	1,107	990	882	790	647	611
Import	3,351	2,122	2,759	4,212	4,649	5,425	5,577	6,060	6,325
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-4,982	-3,834	-4,304	-4,971	-5,907	-6,151	-6,345	-6,534	-6,978
Petroleum Refineries	-4,982	-3,834	-4,304	-4,971	-5,907	-6,151	-6,345	-6,534	-6,978
<b>Petroleum Products</b>									
Primary Energy Supply	-73	226	63	155	159	-73	108	305	281
Import	124	392	267	378	549	547	695	922	913
Export	-	-	-17	-	-118	-158	-16	-48	-3
Transformation Sector	4,387	3,680	4,261	5,106	6,048	6,004	6,190	6,468	6,947
Power Generation	-612	-292	-272	-267	-450	-489	-375	-302	-355
Petroleum Refineries	5,180	4,083	4,662	5,512	6,551	6,654	6,733	6,960	7,511
Final Energy Consumption	4,960	4,571	4,863	5,355	5,793	6,134	6,536	7,086	7,617
Industry	1,652	1,439	1,440	1,541	1,608	1,525	1,493	1,601	1,728
Transport	2,288	2,247	2,540	2,852	3,093	3,390	3,530	3,813	4,220
Residential & Commercial	760	649	716	780	844	889	954	1,114	1,184
Agriculture	106	72	54	62	63	149	236	263	244
<b>Natural Gas</b>									
Primary Energy Supply	2,308	1,436	1,207	1,404	1,874	1,982	1,677	1,864	1,839
Indigenous Production	2,308	1,436	1,207	1,404	1,874	1,982	1,677	1,864	1,839
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-411	-483	-405	-633	-1,110	-1,198	-981	-1,148	-1,078
Power Generation	-39	-56	-62	-66	-63	-63	-68	-69	-71
Final Energy Consumption	218	235	250	272	260	268	298	317	333
Industry	68	61	73	83	67	63	82	92	102
Transport	-	-	-	-	-	6	7	4	5
Residential & Commercial	150	174	177	189	193	200	209	220	225
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	1,010	1,207	1,344	1,454	1,531	1,579	1,716	1,922	2,064
Thermal	379	317	304	468	706	808	587	483	585
Hydro	631	890	1,041	986	825	771	1,129	1,439	1,479
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	837	989	1,108	1,183	1,278	1,324	1,450	1,652	1,742
Industry	476	556	628	680	754	764	838	951	998
Transport	15	17	17	16	15	16	17	17	18
Residential & Commercial	271	329	369	391	418	433	454	495	537
Agriculture	76	88	94	96	91	112	142	190	188

Major Energy Indicators of Chile (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
17,210	18,001	20,169	21,383	20,593	23,993	25,569	24,280	25,274	25,018	29,284	29,971
8,122	7,998	8,160	8,255	7,291	6,950	10,729	10,409	10,558	9,896	10,699	9,310
9,843	10,790	12,720	14,013	14,309	18,116	18,688	17,946	18,558	19,558	22,931	23,149
-95	-57	-29	-140	-158	-286	-2,483	-2,760	-2,570	-3,164	-3,549	-1,864
14,194	15,019	16,362	18,124	18,590	18,701	19,634	19,304	19,536	19,653	21,642	21,798
3,793	4,615	4,768	6,047	5,889	5,577	5,776	6,083	5,540	6,271	8,294	7,628
4,667	5,128	5,419	5,817	6,252	6,363	6,634	6,395	6,553	6,683	7,318	8,149
4,374	4,125	4,636	5,070	4,952	5,169	5,320	5,517	5,512	5,513	5,694	5,847
950	880	1,026	764	953	1,089	1,398	1,159	1,348	1,022	11	-
2,101	2,209	3,138	3,842	3,761	3,773	3,099	2,414	2,484	2,289	3,675	2,947
786	690	668	694	626	323	243	383	288	383	451	354
1,315	1,519	2,470	3,148	3,136	3,450	2,975	1,927	2,014	1,975	3,151	2,651
-	-	-	-	-	-	-	-	-	-	-26	-28
-1,387	-1,577	-1,909	-2,807	-2,938	-2,967	-2,133	-1,476	-1,734	-1,754	-2,976	-2,039
-1,234	-1,401	-2,134	-2,621	-2,767	-2,886	-2,082	-1,400	-1,691	-1,743	-2,528	-1,965
715	789	833	1,382	1,031	955	791	956	814	784	910	903
653	748	746	1,194	917	815	660	852	700	717	873	887
-	-	-	-	-	-	-	-	-	-	-	0
9	7	8	13	5	6	3	1	7	1	25	4
53	33	78	92	108	133	128	104	107	66	-	-
7,665	8,035	8,214	8,764	9,457	9,759	10,001	10,028	9,971	10,626	11,170	11,299
620	436	379	283	253	250	282	268	223	181	2,156	175
7,045	7,599	7,835	8,481	9,204	9,509	9,978	9,988	9,885	10,324	11,306	11,097
-	-	-	-	-	-	-	-	-	-	-1,969	-
-7,442	-7,957	-8,276	-8,682	-9,412	-10,366	-10,217	-10,028	-9,971	-10,626	-11,231	-11,037
-7,442	-7,957	-8,276	-8,682	-9,412	-10,366	-10,217	-10,028	-9,971	-10,626	-11,231	-11,037
799	943	1,734	1,538	974	887	393	-540	194	-764	642	1,639
1,483	1,672	2,415	2,384	1,969	1,960	1,958	1,518	2,101	1,969	2,552	3,935
-23	-	-	-101	-145	-286	-875	-1,292	-939	-1,652	-1,554	-1,836
7,230	7,632	7,922	8,589	9,256	9,585	10,567	9,751	9,092	10,069	11,778	10,249
-424	-524	-319	-613	-576	-890	-305	-189	-143	-137	-205	-936
7,859	8,399	8,568	9,474	10,170	10,481	10,874	9,941	9,235	10,206	11,987	11,186
8,277	8,887	9,475	10,260	10,525	10,325	10,617	9,913	9,943	9,995	11,133	11,436
1,698	1,991	2,155	2,623	2,444	2,162	2,121	2,077	1,958	1,966	2,574	2,061
4,642	5,103	5,408	5,793	6,228	6,341	6,607	6,365	6,512	6,641	7,271	8,096
1,252	1,275	1,098	1,336	1,154	1,260	1,267	1,226	1,169	1,103	1,055	1,173
276	248	316	165	154	109	168	142	161	139	11	-
1,953	1,749	1,926	1,916	1,073	4,149	5,427	6,151	6,203	6,711	7,509	7,048
2,024	1,807	1,955	1,955	1,086	961	2,048	2,170	2,134	1,829	1,966	1,929
-	-	-	-	-	3,187	3,674	4,393	4,403	5,123	5,758	5,280
-72	-57	-29	-39	-13	-	-	-	-	-	-	-
-1,049	-1,134	-1,011	-749	-1,352	-1,356	-4,190	-4,830	-4,791	-5,368	-3,216	-4,957
-74	-418	-75	-165	-808	-1,141	-1,653	-2,237	-1,986	-2,560	-3,216	-2,712
342	355	365	619	633	707	1,104	1,245	1,338	1,401	1,534	1,277
106	109	114	355	371	408	729	791	831	873	989	758
6	9	6	5	5	6	8	10	23	23	27	31
229	238	245	259	257	271	338	415	401	402	438	442
-	-	-	-	-	22	29	29	83	103	-	-
2,173	2,409	2,647	2,864	3,053	3,301	3,500	3,657	3,755	4,194	4,349	4,514
714	827	1,196	1,225	1,664	1,964	1,854	1,793	1,761	2,251	2,535	2,259
1,459	1,582	1,451	1,640	1,389	1,337	1,646	1,864	1,994	1,944	1,814	2,254
-	-	-	-	-	-	-	-	-	-	-	-
1,856	2,074	2,311	2,513	2,882	2,982	3,147	3,386	3,508	3,811	4,091	4,154
1,059	1,214	1,394	1,538	1,810	1,854	1,928	2,018	2,052	2,323	2,784	2,800
19	17	5	18	18	17	19	20	18	19	20	22
586	630	704	752	825	867	919	1,027	1,072	1,131	1,276	1,322
192	214	196	205	229	245	280	321	366	338	-	-

## Major Economic Indicators of Chile

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	11.17	12.10	12.51	12.73	12.95	13.18	13.42	13.67
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	27.94	29.21	32.88	35.28	39.01	40.45	43.67	49.03
Real Term (Billions of 2000 Price and 2000 PPP)	52.28	54.64	61.51	66.00	72.97	75.67	81.70	91.73
Nominal (Billions of Current USD)	27.57	16.49	20.90	24.64	28.38	31.56	36.42	44.47
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	2,501	2,413	2,627	2,772	3,012	3,069	3,255	3,588
Real Term (2000 Price and 2000 PPP)	4,679	4,515	4,916	5,186	5,636	5,742	6,089	6,712
Nominal (Current USD)	2,468	1,362	1,670	1,936	2,192	2,395	2,714	3,254
Nominal GDP & its Components (Billions of Current CLP) *1								
Gross Domestic Product	1,075.32	2,651.94	4,586.13	6,037.27	7,577.39	9,622.32	12,720.05	16,123.19
Household Final Consumption Expenditure, etc.	760.09	1,775.62	2,927.17	3,596.76	4,518.47	5,886.61	7,941.56	10,330.32
General Government Final Consumption Expenditure	133.89	355.80	502.10	633.35	778.38	961.66	1,267.31	1,617.51
Gross Fixed Capital Formation	178.98	446.72	895.60	1,239.99	1,817.36	2,278.74	2,609.65	3,742.54
Stock Change	47.07	9.23	121.14	129.90	97.39	144.41	237.19	148.30
Exports of Goods and Services	245.39	746.45	1,381.68	2,067.63	2,681.55	3,270.24	4,120.83	4,806.63
Imports of Goods and Services	290.10	681.89	1,248.38	1,645.35	2,322.57	2,939.59	3,532.40	4,541.74
Real GDP & its Components (Billions of 1986 CLP) *1								
Gross Domestic Product	13,247.09	13,845.91	15,584.91	16,724.35	18,490.50	19,174.20	20,702.38	23,244.20
Household Final Consumption Expenditure, etc.	9,333.13	8,474.01	9,551.62	10,222.97	11,260.19	11,507.00	12,527.67	14,255.26
General Government Final Consumption Expenditure	2,673.09	2,570.96	2,531.93	2,622.86	2,721.48	2,744.04	2,842.19	3,001.14
Gross Fixed Capital Formation	2,536.50	2,083.25	2,596.89	2,964.42	3,853.70	3,950.69	3,943.66	4,891.16
Stock Change	98.59	28.13	93.16	87.97	87.18	118.43	127.54	133.92
Exports of Goods and Services	2,560.16	2,805.99	3,297.51	3,678.54	4,271.19	4,639.24	5,216.07	5,942.49
Imports of Goods and Services	3,319.00	2,069.21	2,648.27	2,987.09	3,734.98	3,951.95	4,226.70	5,148.47
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	6.6	7.1	7.5	7.8	7.5	7.8	7.4	7.4
Industry	41.4	40.8	40.0	40.3	39.6	38.9	38.6	37.6
Services, etc.	56.9	52.2	52.0	51.2	51.1	51.0	51.4	51.3
Manufacturing Production Index (2000=100) *2	53.0	51.9	58.5	63.1	67.8	68.4	72.0	80.6
External Trade (Billions of Current USD) *1								
Exports, f.o.b	4.705	3.804	5.224	7.052	8.080	8.372	8.941	10.007
Imports, c.i.f.	5.797	3.072	4.396	5.292	7.144	7.742	8.207	10.183
Balance of Payments (Billions of Current USD) *2								
Trade Balance	-0.764	0.884	1.309	2.210	1.483	1.284	1.485	0.722
Current Account	-1.971	-1.413	-0.735	-0.231	-0.691	-0.485	-0.098	-0.957
Overall Balance	1.321	-2.877	-1.621	-1.256	0.519	2.323	1.257	2.547
Foreign Exchange Rate (CLP/USD) *1	39.0000	160.8600	219.4067	245.0117	266.9542	304.9033	349.2158	362.5758
Purchasing Power Parity (CLP/International Dollar) *1	38.0927	69.6655	101.8858	120.8415	132.1664	155.8231	184.3378	203.4206
Price Indices								
GDP Deflator (1986=100) *3	8.1	19.2	29.4	36.1	41.0	50.2	61.4	69.4
Industry Selling Price Index (2000=100) *2	7.1	21.4	30.6	32.4	37.3	45.4	55.2	61.6
Consumer Price Index (2000=100) *2	6.4	16.6	24.1	27.6	32.3	40.7	49.6	57.2
Growth Rate (%) *3								
Real GDP	8.15	7.12	6.59	7.31	10.56	3.70	7.97	12.28
Population	1.45	1.67	1.69	1.71	1.74	1.78	1.82	1.84
Price								
Home & Import Goods Price Index (2000=100)	39.6	43.4	19.2	5.9	15.1	21.8	21.5	11.7
Consumer Price Index	35.1	29.5	19.9	14.7	17.0	26.0	21.8	15.4

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: CLP shows Chilean Peso, USD shows United States Dollar

: PPP shows Purchasing Power Parity



## Major Economic Indicators of Chile (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
13.92	14.16	14.39	14.62	14.83	15.03	15.22	15.41	15.60	15.78	15.95	16.12	16.30
52.46	55.45	61.35	65.90	70.25	72.52	71.97	75.20	77.74	79.43	82.55	87.63	93.20
98.14	103.75	114.77	123.28	131.42	135.67	134.64	140.68	145.43	148.61	154.43	163.95	174.35
47.69	55.15	71.35	75.77	82.81	79.37	73.00	75.20	68.57	67.27	73.69	95.03	115.25
3,770	3,916	4,262	4,508	4,738	4,825	4,728	4,879	4,984	5,035	5,175	5,435	5,719
7,052	7,326	7,973	8,434	8,863	9,027	8,844	9,128	9,325	9,420	9,681	10,168	10,700
3,427	3,895	4,957	5,184	5,585	5,282	4,795	4,879	4,396	4,264	4,620	5,894	7,073
19,276.48	23,174.70	28,309.22	31,237.29	34,722.64	36,534.88	37,138.54	40,575.32	43,536.75	46,341.83	50,954.39	57,905.73	64,549.14
12,458.87	14,648.67	17,270.34	19,785.01	21,972.02	23,703.56	23,927.92	25,897.22	27,771.99	29,241.84	31,341.20	33,447.33	36,863.26
2,017.94	2,420.13	2,938.54	3,426.06	3,860.48	4,197.12	4,603.83	5,053.86	5,480.77	5,943.92	6,313.87	6,944.56	7,505.54
5,001.71	5,649.15	7,117.87	8,240.74	9,414.20	9,545.74	7,740.11	8,410.72	9,456.70	9,879.13	10,769.33	11,724.76	14,285.35
189.66	110.31	294.85	312.89	211.82	281.70	22.80	457.37	159.56	156.96	414.41	638.34	555.41
5,132.01	6,544.05	8,295.39	8,520.53	9,404.20	9,608.64	10,992.27	12,820.21	14,500.98	15,773.48	18,665.01	23,597.29	27,003.93
5,516.71	6,158.50	7,672.55	9,047.93	10,140.08	10,801.89	10,148.39	12,064.06	13,833.25	14,653.50	16,549.43	18,446.56	21,664.35
24,868.11	26,287.61	29,081.35	31,237.29	33,300.69	34,376.60	34,115.04	35,646.49	36,850.29	37,655.14	39,130.06	41,541.81	44,178.85
15,314.16	16,566.30	18,192.56	19,785.01	21,089.07	22,074.21	21,863.97	22,668.72	23,317.22	23,867.56	24,875.79	26,387.45	28,538.97
3,130.55	3,191.23	3,324.45	3,426.06	3,623.76	3,705.29	3,805.59	3,918.01	4,032.95	4,157.06	4,258.31	4,519.75	4,721.52
5,769.39	6,126.29	7,565.96	8,240.74	9,109.93	9,280.73	7,588.20	8,260.14	8,617.44	8,750.47	9,248.45	10,335.07	12,890.06
199.48	125.48	327.11	312.89	243.98	274.97	44.34	437.62	152.10	211.08	414.40	709.88	603.58
6,152.51	6,867.90	7,622.25	8,520.53	9,474.82	9,970.43	10,700.40	11,243.56	12,056.67	12,250.05	13,041.69	14,585.78	15,477.56
5,878.59	6,473.45	8,090.58	9,047.93	10,240.87	10,929.04	9,887.47	10,881.56	11,326.09	11,581.09	12,708.58	14,996.13	18,052.83
6.1	6.1	5.8	5.5	5.3	5.3	5.3	5.4	5.7	5.9	5.8	6.0	5.9
37.8	37.4	36.6	36.4	36.4	35.7	35.6	35.3	35.0	34.5	34.6	34.6	34.3
52.0	51.9	51.7	51.8	51.8	52.3	52.6	52.6	52.7	52.9	52.7	52.1	52.0
82.4	84.5	88.6	91.9	96.4	96.5	96.5	100.0	101.9	102.6	108.0	116.6	123.1
9.198	11.604	16.024	16.627	17.902	16.323	17.162	19.210	18.272	18.180	21.664	32.215	40.574
11.134	11.820	15.900	19.199	20.822	19.880	15.988	18.507	17.429	17.091	19.381	24.871	32.542
-0.990	0.732	1.381	-1.072	-1.428	-2.040	2.427	2.119	1.844	2.386	3.723	9.585	10.805
-2.555	-1.586	-1.350	-3.083	-3.660	-3.918	0.099	-0.898	-1.100	-0.580	-0.779	2.074	1.315
0.428	3.151	1.139	2.593	3.318	-2.191	-0.747	0.317	-0.599	0.185	-0.357	-0.191	1.711
404.1658	420.1767	396.7733	412.2667	419.2950	460.2875	508.7767	539.5875	634.9383	688.9363	691.4325	609.3687	560.0901
222.2177	247.5099	267.8402	270.0053	276.9092	279.1413	281.8563	288.4222	292.3220	299.2682	310.3363	323.7045	329.3685
77.5	88.2	97.3	100.0	104.3	106.3	108.9	113.8	118.1	123.1	130.2	139.4	146.1
66.9	72.1	77.5	82.4	83.7	85.3	89.8	100.0	107.8	115.2	122.8	125.8	132.6
64.5	71.9	77.8	83.5	88.7	93.2	96.3	100.0	104.4	106.1	109.1	110.3	113.6
6.99	5.71	10.63	7.41	6.61	3.23	-0.76	4.49	3.38	2.18	3.92	6.16	6.35
1.83	1.76	1.65	1.54	1.44	1.36	1.29	1.24	1.20	1.15	1.11	1.08	1.06
8.6	7.7	7.6	6.2	1.6	1.9	5.2	11.4	7.8	6.8	6.6	2.5	5.4
12.7	11.4	8.2	7.4	6.1	5.1	3.3	3.8	3.6	2.5	2.8	1.1	3.1

## Energy Price of Chile in 2005

## Currency Exchange Rate

	Local currency /	
Currency Exchange Rate	US Dollar	514.33
Local Currency Unit		\$

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal	US\$ / ton	99.87	Coking Coal			Coking Coal		
Anthracite			Anthracite			Anthracite		
Other bituminous coal	US\$ / ton	55.95	Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal			Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke			Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Crude Oil	US\$ / bbl	50.64	Crude Oil			Crude Oil		
Natural Gas Liquids			Natural Gas Liquids			Natural Gas Liquids		
Ethane			Ethane			Ethane		
LPG	US\$ / m3	248.81	LPG	US\$ / kg	539.48	LPG	US\$ / kg	636.49
Naphtha			Naphtha			Naphtha		
Motor Gasoline	US\$ / m3	417.48	Motor Gasoline	US\$ / l	279.72	Motor Gasoline	US\$ / l	541.62
Aviation Gasoline			Aviation Gasoline			Aviation Gasoline		
Gasoline Type Jet Fuel			Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Kerosene Type Jet Fuel			Kerosene Type Jet Fuel			Kerosene Type Jet Fuel		
Other Kerosene			Other Kerosene	US\$ / l	332.67	Other Kerosene	US\$ / l	392.98
Gas/Diesel Oil	US\$ / m3	467.56	Gas/Diesel Oil	US\$ / l	296.43	Gas/Diesel Oil	US\$ / l	398.20
Fuel Oil	US\$ / m3	271.19	Fuel Oil			Fuel Oil		
White Spirit SBP			White Spirit SBP			White Spirit SBP		
Lubricants			Lubricants			Lubricants		
Bitumen			Bitumen			Bitumen		
Paraffin Waxes			Paraffin Waxes			Paraffin Waxes		
Petroleum Coke	US\$ / ton	35.66	Petroleum Coke			Petroleum Coke		
<b>Natural Gas</b>			<b>Natural Gas</b>			<b>Natural Gas</b>		
Natural Gas	US\$ / m3	0.10	Natural Gas			Natural Gas	US\$ / m3	426.89
Liquefied Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
Compressed Natural Gas			Compressed Natural Gas			Compressed Natural Gas		
<b>Electricity</b>			<b>Electricity</b>			<b>Electricity</b>		
Electricity	US\$ / kWh	15.38	Electricity	US\$ / kWh	0.05	Industrial	US\$ / kWh	43.24
<b>Other Energy Products</b>			<b>Other Energy Products</b>			Commercial	US\$ / kWh	71.93
						Residential	US\$ / kWh	68.57
						Others		
						<b>Other Energy Products</b>		

## 3.5 China

## Energy Balance Table of People's Republic of China in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Petroleum Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	1,143,269	-	181,353	-	-	-	-	-	-
<b>2 Import</b>	15,683	4	126,817	41,166	-	320	3,382	226	543
<b>3 Export</b>	-9,828	-8,700	-8,067	-15,679	-5,620	-1,666	-2,861	-50	-1,506
<b>4 International Marine Bunkers</b>	-	-	-	-615	-	-	320	-	-158
<b>5 Stock Changes</b>	-7,786	-10,542	-788	198	-192	-	-66	336	-78
<b>6 Total Primary Energy Supply</b>	1,141,337	-19,238	299,315	25,071	-5,812	-1,346	775	511	-1,199
<b>7 Transfers</b>	-	-	-	-	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-764,659	68,689	-290,621	263,653	54,553	17,495	10,263	1,048	109,379
<b>8.1 Main Activity Producer</b>	-522,570	-228	-	-	-	-	-	-	-
<b>8.2 Autoproducers</b>	-50,730	-1,904	-216	-19,899	-8	-	-	-	-3,741
<b>8.3 Gas Processing</b>	-7,374	-29,826	-	-144	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-290,405	283,696	54,561	17,495	10,263	1,048	113,120
<b>8.5 Coal Transformation</b>	-183,984	100,646	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-68,541	-2,798	-6,580	-6,514	-670	-	-	-39	-3,360
<b>10. Discrepancy</b>	-8,297	890	1,547	-1,376	-4	1	45	-352	-28
<b>11 Total Final Energy Consumption</b>	299,841	47,544	3,661	280,834	48,067	16,151	11,083	1,168	104,793
<b>12 Industry Sector</b>	222,612	36,408	2,515	110,027	5,701	16,151	-	221	17,109
<b>13 Transport Sector</b>	5,463	7	-	97,855	24,982	-	9,448	51	51,198
<b>14 Other Sector</b>	71,766	11,128	-	72,799	17,231	-	1,634	564	35,446
<b>14.1 Residential &amp; Commercial</b>	56,136	10,993	-	30,270	6,213	-	-	300	6,349
<b>14.2 Agriculture</b>	11,745	43	-	21,175	2,348	-	-	16	18,744
<b>14.3 Other</b>	3,885	92	-	21,354	8,670	-	1,634	247	10,354
<b>15 Non-energy</b>	19,944	10,506	1,146	32,856	152	-	-	73	332

## Energy Balance Table of People's Republic of China in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Petroleum Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	1,043,000	-	175,873	-	-	-	-	-	-
<b>2 Import</b>	11,172	4	122,720	47,518	-	46	2,679	226	2,804
<b>3 Export</b>	-45,319	-10,229	-5,492	-13,495	-5,430	-1,282	-2,200	-50	-649
<b>4 International Marine Bunkers</b>	-	-	-	-2,105	-	-	-	-	-235
<b>5 Stock Changes</b>	-866	-3,927	-2,979	-2,277	-275	-	17	4	-1,146
<b>6 Total Primary Energy Supply</b>	1,007,988	-14,152	290,123	29,642	-5,705	-1,236	496	179	774
<b>7 Transfers</b>	-	-	-	-	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-662,656	53,612	-277,556	244,929	52,872	17,388	9,830	1,437	96,989
<b>8.1 Main Activity Producer</b>	-466,934	-161	-	-	-	-	-	-	-
<b>8.2 Autoproducers</b>	-40,584	-1,399	-183	-22,788	-5	-	-	-	-3,416
<b>8.3 Gas Processing</b>	-7,602	-24,679	-	-105	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-277,373	267,822	52,876	17,388	9,830	1,437	100,405
<b>8.5 Coal Transformation</b>	-147,536	79,851	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-58,946	-1,707	-6,486	-6,581	-854	-	-	-49	-3,248
<b>10. Discrepancy</b>	4,391	-1,955	-2,630	2,075	260	-1	1,157	62	-422
<b>11 Total Final Energy Consumption</b>	290,777	35,798	3,451	270,065	46,574	16,151	11,483	1,629	94,092
<b>12 Industry Sector</b>	217,366	28,039	2,339	109,851	6,094	16,151	-	234	15,859
<b>13 Transport Sector</b>	5,463	12	-	88,039	23,348	-	10,064	43	42,659
<b>14 Other Sector</b>	67,948	7,747	-	72,007	16,964	-	1,419	1,029	34,425
<b>14.1 Residential &amp; Commercial</b>	52,820	6,907	-	29,137	5,833	-	-	319	5,433
<b>14.2 Agriculture</b>	11,420	671	-	20,444	2,267	-	-	11	18,098
<b>14.3 Other</b>	3,708	168	-	22,426	8,863	-	1,419	699	10,894
<b>15 Non-energy</b>	18,948	9,220	1,113	28,088	168	-	-	73	322

Energy Balance Table of People's Republic of China in 2005 (Continued)

unit: ktoe

4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	47,429	34,143	13,835	-	5,996	-	-	1,426,025
26,086	7,404	-	-	3,205	-	-	-	-	-	292	-	183,963
-2,300	-32	-	-	-1,644	-2,764	-	-	-	-	-815	-	-45,853
-777	-	-	-	-	-	-	-	-	-	-	-	-615
135	62	-	-	-	-	-	-	-	-	-	-	-18,918
23,145	7,434	-	-	1,562	44,665	34,143	13,835	-	5,996	-523	-	1,544,602
-	-	-	-	-	-	-	-	-	-	-	-	-
7,371	17,153	8,729	-	37,663	20,214	-34,143	-13,835	-	-2,087	214,823	54,819	-483,147
-	-	-	-	-	-484	-34,143	-13,835	-	-2,087	200,743	30,730	-341,874
-12,778	-39	-1,317	-	-2,016	-12,304	-	-	-	-	14,080	24,089	-46,884
-144	-	-	-	-	33,398	-	-	-	-	-	-	-3,946
20,293	17,192	10,047	-	39,678	-	-	-	-	-	-	-	-6,709
-	-	-	-	-	-	-	-	-	-	-	-	-83,338
-	-	-	-	-	-396	-	-	-	-	-	-	-396
-671	-1,086	-447	-	-242	-7,422	-	-	-	-249	-44,389	-10,312	-146,803
-1,017	4	-24	-	-0	-1,282	-	-	-	-3	-105	-1,428	-10,052
28,828	23,505	8,258	-	38,982	56,176	-	-	-	3,658	169,807	43,080	904,599
16,105	5,385	8,258	-30,514	36,124	37,963	-	-	-	3,658	116,274	29,178	558,635
11,610	565	-	-	-	863	-	-	-	-	3,701	-	107,889
421	17,503	-	-	-	13,930	-	-	-	-	49,831	13,901	233,356
275	17,133	-	-	-	12,328	-	-	-	-	30,763	12,894	153,385
7	60	-	-	-	-	-	-	-	-	7,181	18	40,163
139	310	-	-	-	1,601	-	-	-	-	11,887	989	39,808
1,040	692	52	-	30,514	3,420	-	-	-	-	-	-	67,871

Energy Balance Table of People's Republic of China in 2004 (Continued)

unit: ktoe

4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	39,268	30,405	13,152	-	6,073	-	-	1,307,772
30,592	7,692	-	-	3,480	-	-	-	-	-	292	-	181,707
-1,817	-38	-	-	-2,028	-2,272	-	-	-	-	-815	-	-77,621
-1,870	-	-	-	-	-	-	-	-	-	-	-	-2,105
-832	-45	-	-	-	-	-	-	-	-	-	-	-10,049
26,073	7,609	-	-	1,452	36,996	30,405	13,152	-	6,073	-523	-	1,399,704
-	-	-	-	-	-	-	-	-	-	-	-	-
3,763	16,891	7,421	-	38,340	17,561	-30,405	-13,152	-	-2,556	189,485	47,107	-433,631
-	-	-	-	-	-450	-30,405	-13,152	-	-2,556	176,961	25,855	-310,841
-16,425	-113	-1,735	-	-1,094	-10,428	-	-	-	-	12,524	21,252	-41,607
-105	-	-	-	-	28,439	-	-	-	-	-	-	-3,948
20,293	17,004	9,156	-	39,434	-	-	-	-	-	-	-	-9,551
-	-	-	-	-	-	-	-	-	-	-	-	-67,684
-	-	-	-	-	-	-	-	-	-	-	-	-
-743	-1,004	-422	-	-261	-7,406	-	-	-	-347	-41,153	-10,272	-132,898
1,469	-375	-66	-	-9	-64	-	-	-	-7	-120	-843	847
30,561	23,121	6,933	-	39,522	47,086	-	-	-	3,164	147,690	35,992	834,022
18,013	4,858	6,933	-25,659	36,681	33,801	-	-	-	3,164	100,433	24,719	519,712
11,504	420	-	-	-	1,047	-	-	-	-	3,867	-	98,427
413	17,758	-	-	-	12,238	-	-	-	-	43,389	11,273	214,602
250	17,301	-	-	-	10,922	-	-	-	-	27,519	10,421	137,725
7	61	-	-	-	-	-	-	-	-	6,661	18	39,214
156	395	-	-	-	1,316	-	-	-	-	9,210	834	37,663
1,150	631	85	-	25,659	-	-	-	-	-	-	-	57,369

## Major Energy Indicators of People's Republic of China

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	421,007	527,114	594,171	635,175	649,536	654,004	662,907	694,790	714,340
Indigenous Production	436,251	583,010	621,303	652,000	691,414	705,811	710,394	726,374	712,609
Import	1,824	2,073	4,124	6,038	11,671	8,436	11,696	20,731	33,457
Export	-21,406	-40,408	-38,267	-38,290	-38,358	-38,922	-53,222	-52,084	-33,964
Final Energy Consumption	318,167	409,434	443,570	475,892	491,488	489,928	536,378	565,652	568,381
Industry	217,327	271,662	297,083	318,127	332,080	329,825	337,550	359,105	337,983
Transport	14,999	24,253	26,610	27,734	28,715	28,776	30,651	32,386	31,915
Residential & Commercial	75,698	104,148	108,995	118,613	118,344	118,373	132,231	130,877	98,651
Agriculture	10,144	9,371	10,783	11,308	12,244	12,954	27,680	25,776	23,561
<b>Coal, Coal Products</b>									
Primary Energy Supply	312,823	413,127	467,423	499,006	506,934	512,155	514,217	534,114	546,118
Indigenous Production	310,081	436,150	463,992	489,948	527,082	539,952	543,714	558,201	546,580
Import	995	1,168	858	847	993	877	684	1,476	678
Export	-3,344	-4,136	-5,392	-6,903	-7,351	-7,785	-24,738	-24,514	-11,098
Transformation Sector	-67,719	-86,321	-125,097	-136,221	-128,107	-160,505	-164,402	-181,936	-189,388
Power Generation	-57,524	-74,157	-93,505	-103,244	-110,599	-119,784	-153,569	-172,024	-182,747
Final Energy Consumption	225,420	298,564	314,894	336,762	344,235	338,239	364,514	388,670	374,110
Industry	146,103	191,854	205,678	220,003	229,354	224,832	236,128	252,286	246,290
Transport	10,112	12,095	11,311	11,457	11,582	11,089	10,844	10,302	8,918
Residential & Commercial	69,205	94,615	97,806	105,193	103,194	102,319	105,095	98,551	79,615
Agriculture	-	-	-	-	-	-	11,650	10,065	9,071
<b>Crude Oil</b>									
Primary Energy Supply	92,231	95,167	106,958	112,022	116,080	117,828	124,012	131,568	132,798
Indigenous Production	105,948	124,898	134,141	137,049	137,644	138,448	140,995	142,100	137,918
Import	366	-	855	855	3,263	2,926	5,973	11,360	14,888
Export	-13,309	-30,031	-27,226	-26,046	-24,389	-24,014	-22,237	-21,510	-18,463
Transformation Sector	-84,432	-88,686	-100,340	-104,738	-108,255	-110,969	-117,466	-126,508	-125,399
Petroleum Refineries	-78,692	-85,891	-97,752	-102,396	-106,626	-109,722	-116,396	-125,415	-124,456
<b>Petroleum Products</b>									
Primary Energy Supply	-4,268	-3,142	-3,379	-855	-166	-3,389	-1,253	2,592	6,936
Import	463	906	3,266	4,336	7,414	4,634	4,772	7,441	17,503
Export	-4,753	-6,241	-5,649	-5,340	-6,619	-7,123	-6,224	-6,051	-4,392
Transformation Sector	62,976	63,711	85,404	88,292	92,217	96,269	98,782	105,544	102,965
Power Generation	-14,928	-11,481	-11,181	-12,834	-12,883	-11,140	-15,085	-15,328	-19,192
Petroleum Refineries	77,904	75,192	96,585	101,126	105,099	107,409	114,320	121,355	122,157
Final Energy Consumption	49,729	61,230	70,617	75,147	79,264	80,728	97,418	95,260	101,268
Industry	32,880	37,927	42,876	45,257	47,129	47,912	45,027	46,047	26,805
Transport	4,638	11,572	14,573	15,407	16,207	16,676	18,623	20,740	21,673
Residential & Commercial	4,524	5,249	5,657	6,623	7,419	7,070	14,425	17,474	5,867
Agriculture	7,687	6,483	7,511	7,860	8,509	9,070	11,903	10,957	10,317
<b>Natural Gas</b>									
Primary Energy Supply	13,285	12,038	12,935	13,276	14,012	14,242	14,961	14,700	14,048
Indigenous Production	13,285	12,038	12,935	13,276	14,012	14,242	14,961	14,700	14,048
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-223	405	288	319	496	515	804	1,226	4,580
Power Generation	-223	-251	-708	-531	-959	-680	-624	-763	-898
Final Energy Consumption	12,158	11,059	12,125	12,801	12,674	13,205	10,271	10,824	17,243
Industry	11,917	10,244	10,977	11,145	10,780	11,084	8,191	8,421	10,098
Transport	9	9	28	56	28	47	47	37	65
Residential & Commercial	232	806	1,121	1,600	1,866	2,074	2,025	2,366	2,886
Agriculture	-	-	-	-	-	-	-	-	34
<b>Electricity</b>									
Power Generation	27,447	37,376	41,405	49,610	53,219	53,440	60,996	64,728	72,228
Thermal	22,060	28,967	32,305	39,681	42,444	42,540	50,272	53,356	58,533
Hydro	5,387	8,408	9,100	9,928	10,774	10,900	10,722	11,237	13,277
Nuclear	-	-	-	-	-	-	3	136	418
Final Energy Consumption	24,718	34,053	41,547	45,724	49,020	52,150	45,046	50,214	55,291
Industry	20,284	27,110	33,166	36,264	38,522	40,392	32,407	35,537	38,391
Transport	241	577	698	814	898	964	1,008	1,170	1,258
Residential & Commercial	1,736	3,478	4,411	5,197	5,864	6,911	7,504	8,753	7,506
Agriculture	2,457	2,888	3,272	3,448	3,736	3,884	4,126	4,754	4,137

Major Energy Indicators of People's Republic of China (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
793,572	857,999	894,152	852,878	846,743	878,586	905,175	926,234	982,290	1,145,922	1,399,704	1,544,602
800,991	871,184	896,080	847,718	832,767	848,372	865,531	915,708	960,541	1,103,552	1,307,772	1,426,025
27,252	35,416	44,404	63,522	56,329	63,580	96,856	90,456	105,984	136,519	181,707	183,963
-38,078	-44,273	-49,758	-47,885	-47,594	-46,902	-64,437	-80,878	-78,641	-87,116	-77,621	-45,853
609,183	660,681	686,099	637,987	579,448	625,812	634,676	645,019	681,977	796,628	834,022	904,599
367,762	409,970	417,487	377,967	353,328	377,722	379,343	382,413	403,970	482,017	520,993	563,353
33,397	36,370	36,537	44,114	50,353	55,566	60,078	61,463	66,418	78,068	98,427	107,889
98,882	107,031	118,172	103,718	82,955	94,630	95,991	98,569	105,588	121,313	137,725	153,385
26,045	28,403	28,830	28,457	28,534	29,679	30,009	31,064	32,818	34,066	39,214	40,163
612,647	659,176	680,165	625,917	605,570	626,350	631,243	638,607	672,493	801,611	993,835	1,122,099
619,963	680,379	698,364	652,103	625,013	640,013	649,618	690,774	727,295	861,017	1,043,000	1,143,269
605	818	1,608	956	807	1,096	1,496	1,731	6,045	6,649	11,176	15,686
-14,843	-20,334	-23,468	-21,432	-24,575	-27,266	-40,130	-58,135	-54,880	-61,026	-55,548	-18,528
-227,303	-258,749	-284,932	-272,436	-255,903	-308,010	-332,442	-349,231	-379,374	-438,900	-609,044	-695,970
-211,825	-233,122	-255,807	-243,386	-243,363	-303,258	-327,372	-344,108	-374,467	-432,719	-509,078	-575,431
398,588	425,458	429,922	369,001	310,382	312,663	296,805	290,807	296,290	363,069	326,575	347,385
271,267	300,542	298,903	262,845	233,001	226,671	216,937	212,641	216,351	270,035	245,405	259,020
8,122	7,052	6,306	7,291	6,516	6,356	5,540	4,992	5,332	5,957	5,475	5,470
76,504	81,950	88,400	72,032	46,251	50,609	46,771	45,623	46,577	54,075	59,727	67,129
10,318	11,201	11,097	10,751	9,935	9,461	8,919	8,475	9,031	10,229	12,091	11,788
139,945	147,952	159,210	166,249	173,173	189,476	213,834	215,376	227,694	251,876	290,123	299,315
146,085	150,047	157,337	152,707	161,003	160,003	163,003	163,962	167,003	169,603	175,873	181,353
12,346	17,090	22,617	33,697	27,321	36,614	70,267	60,261	69,408	91,022	122,720	126,817
-18,491	-18,227	-20,403	-18,838	-15,600	-7,167	-10,306	-7,550	-7,665	-8,133	-5,492	-8,067
-133,560	-144,197	-152,443	-159,068	-167,980	-182,460	-204,047	-205,011	-216,717	-239,495	-277,556	-290,621
-132,840	-143,536	-151,653	-158,316	-166,991	-181,530	-203,057	-204,072	-215,807	-238,445	-277,373	-290,405
6,213	10,576	14,706	18,416	21,866	18,304	10,828	14,830	19,479	21,880	29,642	25,071
14,143	17,452	20,168	28,861	28,200	25,838	24,960	28,310	30,334	38,592	47,518	41,166
-4,408	-5,194	-5,567	-6,995	-6,801	-8,539	-10,229	-11,487	-12,280	-15,323	-13,495	-15,679
112,694	123,550	131,701	136,475	145,907	162,201	182,654	184,323	192,858	212,949	244,929	263,653
-16,785	-17,032	-15,795	-18,630	-16,771	-15,452	-15,203	-15,711	-16,181	-18,177	-22,788	-19,899
129,479	140,582	148,062	155,106	162,678	177,776	198,116	200,262	209,228	231,335	267,822	283,696
110,270	121,892	134,357	143,103	135,157	175,939	187,223	191,594	207,045	227,946	270,065	280,834
28,503	30,019	31,706	27,055	31,260	60,367	62,920	63,742	68,494	74,006	110,019	110,180
23,792	27,687	28,414	34,604	41,614	46,752	51,830	53,513	57,856	68,394	88,039	97,855
6,505	8,653	11,146	11,509	12,533	18,741	20,292	20,954	23,378	26,134	29,137	30,270
11,123	12,185	12,387	12,190	13,223	14,523	15,287	16,018	17,094	17,169	20,444	21,175
16,347	16,709	18,726	19,023	21,673	20,315	22,401	25,407	27,425	30,855	36,996	44,665
16,347	16,709	18,726	19,023	21,673	23,459	25,323	28,236	30,407	32,599	39,268	47,429
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-3,144	-2,922	-2,829	-2,982	-1,744	-2,272	-2,764
2,049	13,078	11,581	8,850	8,583	6,938	6,691	6,904	7,116	8,188	17,561	20,214
-1,213	-1,823	-2,567	-2,577	-3,858	-4,053	-4,855	-5,237	-5,108	-5,292	-10,878	-12,788
17,781	27,667	29,429	23,602	27,964	22,041	24,087	26,316	28,015	33,213	47,086	56,176
9,313	20,919	21,744	17,238	17,326	13,050	14,147	14,349	15,068	18,952	33,801	41,383
73	62	114	18	24	74	93	112	145	163	1,047	863
3,427	3,015	2,903	2,987	5,597	4,370	5,187	6,321	7,216	7,881	10,922	12,328
37	2	21	-	-	-	-	-	-	-	-	-
79,815	86,695	92,914	97,599	100,328	106,439	116,428	127,181	142,056	164,092	189,485	214,823
61,698	66,958	73,005	76,981	78,758	85,630	92,930	98,758	110,731	128,388	145,928	166,845
14,458	16,395	16,171	16,860	17,894	16,912	19,134	23,867	24,774	24,405	30,405	34,143
3,659	3,342	3,738	3,757	3,676	3,897	4,363	4,555	6,551	11,299	13,152	13,835
57,270	60,634	65,529	74,269	77,188	82,289	90,621	98,785	110,371	129,274	147,690	169,807
37,684	40,300	43,696	49,417	49,723	53,640	59,109	63,995	72,740	86,757	100,433	116,274
1,411	1,568	1,702	2,201	2,199	2,192	2,419	2,661	2,908	3,415	3,867	3,701
8,997	10,367	11,667	13,062	13,918	15,688	17,771	19,650	21,520	24,613	27,519	30,763
4,563	5,011	5,319	5,504	5,364	5,681	5,789	6,559	6,678	6,651	6,661	7,181

## Major Economic Indicators of People's Republic of China

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	981.24	1,051.04	1,084.04	1,101.63	1,118.65	1,135.19	1,150.78	1,164.97
Gross Domestic Product *4								
Real Term (Billions of 2000 Price and 2000 USD)	182.94	304.46	369.68	411.45	428.32	444.60	485.50	554.44
Real Term (Billions of 2000 Price and 2000 PPP)	759.11	1,263.36	1,533.98	1,707.32	1,777.32	1,844.85	2,014.58	2,300.65
Nominal (Billions of Current USD)	301.51	305.26	321.39	401.07	449.10	387.77	406.09	483.05
GDP per Capita *4								
Real Term (2000 Price and 2000 USD)	186	290	341	373	383	392	422	476
Real Term (2000 Price and 2000 PPP)	774	1,202	1,415	1,550	1,589	1,625	1,751	1,975
Nominal (Current USD)	307	290	296	364	401	342	353	415
Nominal GDP & its Components (Billions of Current CNY) *1								
Gross Domestic Product	451.78	896.44	1,196.25	1,492.83	1,690.92	1,854.79	2,161.78	2,663.81
Household Final Consumption Expenditure, etc.	233.12	468.74	612.61	786.81	881.26	945.09	1,073.06	1,300.01
General Government Final Consumption Expenditure	67.67	129.89	167.85	197.14	235.16	263.96	336.13	420.32
Gross Fixed Capital Formation	132.24	267.20	379.87	470.19	441.94	482.78	607.03	851.37
Stock Change	27.73	78.55	66.33	99.83	191.33	191.92	179.77	157.26
Exports of Goods and Services	48.40	89.64	195.65	254.53	282.34	355.49	452.94	600.04
Imports of Goods and Services	50.06	126.69	196.02	275.26	299.64	290.46	375.04	552.61
Real GDP & its Components (Billions of 1990 CNY) *1								
Gross Domestic Product	763.20	1,270.16	1,542.24	1,716.51	1,786.89	1,854.79	2,025.43	2,313.04
Household Final Consumption Expenditure, etc.	393.51	704.40	816.58	906.60	915.38	945.09	1,009.69	1,151.32
General Government Final Consumption Expenditure	114.23	195.19	223.74	227.15	244.26	263.96	316.28	372.25
Gross Fixed Capital Formation	235.75	397.78	498.00	545.62	469.31	482.78	555.11	687.62
Stock Change	49.50	117.14	87.56	116.16	203.48	191.92	164.40	127.61
Exports of Goods and Services	204.80	281.53	306.36	329.71	337.95	355.49	401.98	447.03
Imports of Goods and Services	143.83	306.96	274.87	336.32	346.04	290.46	343.27	447.02
Sectional Shares of Real GDP (%) *4								
Agriculture, Fishery and Forest	36.1	32.2	28.7	26.4	26.2	27.0	25.4	23.3
Industry	40.8	39.5	40.8	42.0	41.8	41.6	43.4	46.1
Services, etc.	24.0	29.2	30.9	31.4	31.8	31.3	31.2	30.7
Industrial Production Index (1995=100) *4	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	18.099	27.350	39.437	47.516	52.538	62.091	71.910	84.940
Imports, c.i.f.	19.941	42.252	43.216	55.268	59.142	53.345	63.791	80.585
Balance of Payments (Billions of Current USD) *2								
Trade Balance	N.A.	-13.123	-1.661	-5.315	-5.620	9.165	8.743	5.183
Current Account	N.A.	-11.417	0.300	-3.802	-4.317	11.997	13.272	6.401
Overall Balance	N.A.	-2.440	4.783	2.374	-0.479	12.047	14.537	-2.060
Foreign Exchange Rate (CNY/USD) *1	1.4984	2.9367	3.7221	3.7221	3.7651	4.7832	5.3234	5.5146
Purchasing Power Parity (CNY/International Dollar) *1	1.1022	1.0186	1.0656	1.1551	1.2109	1.2320	1.2705	1.3401
Price Indices								
GDP Deflator (1990=100) *4	59.2	70.6	77.6	87.0	94.6	100.0	106.7	115.2
Wholesale Price Index (1995=100) *4	29.6	32.6	36.5	41.9	49.7	51.8	55.0	58.7
Consumer Price Index (1995=100) *4	30.4	36.0	40.9	48.5	57.1	58.3	60.0	63.2
Growth Rate (%)								
Real GDP *4	7.80	13.50	11.60	11.30	4.10	3.80	9.20	14.20
Population *4	1.26	1.37	1.62	1.62	1.54	1.48	1.37	1.23
Price *4								
Wholesale Price Index	0.5	8.7	7.9	15.0	18.6	4.1	6.2	6.8
Consumer Price Index	6.0	8.8	7.3	18.5	17.8	2.1	2.9	5.4

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : "China Statistics Yearbook", China Statistical Publishing House

\*4 : Estimation from \*1, \*2 and \*3 by the Coordinating Agency

Note : N.A. shows "not available"

: CNY shows Yuan Renminbi, USD shows United States Dollar



Major Economic Indicators of People's Republic of China (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
1,178.44	1,191.84	1,204.86	1,217.55	1,230.08	1,241.94	1,253.74	1,262.65	1,271.85	1,280.40	1,288.40	1,296.16	1,304.50
632.06	714.86	792.78	872.06	953.16	1,027.51	1,105.60	1,198.47	1,297.94	1,416.05	1,557.66	1,714.98	1,889.91
2,622.74	2,966.32	3,289.65	3,618.62	3,955.15	4,263.65	4,587.69	4,973.05	5,385.82	5,875.92	6,463.52	7,116.33	7,842.20
613.23	559.22	727.95	856.09	952.65	1,019.48	1,083.28	1,198.47	1,324.80	1,453.83	1,640.96	1,931.64	2,234.29
536	600	658	716	775	827	882	949	1,021	1,106	1,209	1,323	1,449
2,226	2,489	2,730	2,972	3,215	3,433	3,659	3,939	4,235	4,589	5,017	5,490	6,012
520	469	604	703	774	821	864	949	1,042	1,135	1,274	1,490	1,713
3,533.40	4,819.80	6,079.40	7,117.70	7,897.30	8,440.20	8,967.70	9,921.50	10,965.50	12,033.30	13,582.30	15,987.80	18,308.50
1,641.21	2,184.42	2,836.97	3,395.59	3,692.15	3,922.93	4,192.04	4,585.46	4,921.32	5,257.13	5,683.44	6,383.35	7,090.60
548.78	739.80	837.85	996.36	1,121.91	1,235.89	1,371.65	1,566.14	1,766.51	1,911.99	2,061.51	2,319.94	2,601.21
1,330.92	1,731.27	2,088.50	2,404.81	2,596.50	2,856.90	3,052.73	3,384.44	3,775.45	4,363.21	5,349.07	6,511.77	7,746.44
240.85	302.84	458.51	473.68	400.30	274.52	242.42	99.84	201.49	193.29	247.23	405.07	209.54
823.33	1,184.02	1,402.70	1,427.37	1,717.97	1,717.29	1,829.21	2,314.32	2,478.23	3,024.36	4,014.39	5,427.95	6,857.71
896.59	1,096.38	1,268.32	1,281.44	1,362.98	1,354.37	1,575.55	2,075.29	2,245.78	2,714.95	3,715.76	5,020.05	5,835.08
2,636.87	2,982.30	3,307.37	3,638.10	3,976.45	4,286.61	4,612.39	4,999.83	5,414.82	5,907.57	6,498.33	7,154.66	7,884.43
1,317.43	1,393.43	1,556.23	1,724.20	1,801.67	1,910.90	2,059.81	2,181.29	2,304.23	2,467.05	2,630.87	2,815.51	3,040.62
440.52	471.92	459.60	505.93	547.46	602.01	673.98	745.01	827.11	897.25	954.28	1,023.26	1,115.46
959.18	1,099.75	1,215.49	1,342.52	1,371.21	1,522.71	1,690.38	1,837.77	1,996.22	2,271.49	2,657.72	2,965.97	3,404.73
173.98	193.37	267.75	266.31	213.17	147.98	136.24	56.08	108.61	101.08	124.08	187.96	93.10
507.86	635.68	676.28	671.51	825.46	884.59	1,018.73	1,330.12	1,458.09	1,887.00	2,392.25	3,072.01	3,817.07
626.15	694.05	745.83	754.35	838.24	864.27	1,059.55	1,319.10	1,461.30	1,863.51	2,324.92	2,847.88	3,172.15
21.4	19.6	18.6	17.8	16.8	16.2	15.4	14.6	13.8	13.1	12.2	11.7	11.2
48.4	50.7	52.1	53.1	53.7	54.2	54.5	55.0	55.0	55.4	56.7	57.2	58.0
30.2	29.7	29.4	29.2	29.6	29.7	30.2	30.6	31.1	31.5	31.3	31.3	31.2
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
91.744	121.006	148.780	151.048	182.792	183.712	194.931	249.203	266.098	325.596	438.228	593.326	761.954
103.959	115.615	132.084	138.833	142.370	140.237	165.699	225.094	243.553	295.170	412.760	561.229	660.003
-10.654	7.290	18.050	19.535	46.222	46.614	35.982	34.474	34.017	44.167	44.652	58.982	134.189
-11.609	6.908	1.618	7.243	36.963	31.472	21.115	20.518	17.401	35.422	45.875	68.659	160.818
1.769	30.453	22.469	31.705	35.857	6.248	8.652	10.693	47.447	75.217	116.586	206.153	207.342
5.7620	8.6187	8.3514	8.3142	8.2898	8.2790	8.2783	8.2785	8.2771	8.2770	8.2770	8.2768	8.1943
1.5242	1.8003	2.0067	2.0960	2.0927	2.0520	1.9973	1.9951	1.9881	1.9653	1.9764	2.0590	2.0770
134.0	161.6	183.8	195.6	198.6	196.9	194.4	198.4	202.5	203.7	209.0	223.5	232.2
72.8	87.0	100.0	102.9	102.6	98.4	96.0	98.7	97.4	95.3	97.5	103.4	108.5
71.6	87.1	100.0	106.1	106.9	104.2	101.0	99.5	104.4	97.4	97.4	100.1	100.9
14.00	13.10	10.90	10.00	9.30	7.80	7.60	8.40	8.30	9.10	10.00	10.10	10.20
1.16	1.14	1.09	1.05	1.03	0.96	0.95	0.71	0.73	0.67	0.62	0.60	0.64
24.0	19.5	14.9	2.9	-0.3	-4.1	-2.4	2.8	-1.3	-2.2	2.3	6.1	4.9
13.2	21.7	14.8	6.1	0.8	-2.6	-3.0	-1.5	-0.8	-1.3	-0.1	2.8	0.8

## Original Table (Quarterly) of China in 2006

Coal		Unit: 1,000ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	129,230	2,600	4,120	n.a
	FEB.	136,973	2,610	6,810	n.a
	MAR.	166,218	3,700	5,810	n.a
	<b>1st quarter</b>	432,421	8,910	16,740	n.a
	APR.	174,118	3,870	5,460	n.a
	MAY.	173,285	3,170	4,390	n.a
	JUN.	179,667	2,380	5,440	n.a
	<b>2nd quarter</b>	527,069	9,420	15,290	n.a
	JUL.	164,842	2,370	4,540	n.a
	AUG.	174,374	2,360	5,190	n.a
	SEP.	181,275	3,090	6,230	n.a
	<b>3rd quarter</b>	520,491	7,820	15,960	n.a
	OCT.	186,546	3,230	4,420	n.a
	NOV.	189,671	4,450	4,900	n.a
	DEC.	203,892	4,410	5,900	n.a
	<b>4th quarter</b>	580,109	12,090	15,220	n.a
		2,060,091	38,240	63,210	n.a

Oil		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	106,630	53,179	2,924	-3,124	17,817	6,460	10,381
	FEB.	95,525	75,961		764	17,001	7,684	5,854
	MAR.	106,884	89,970	8,909	2,984	20,673	7,616	1,725
	<b>1st quarter</b>	309,039	219,110	11,833	624	55,492	21,761	17,961
	APR.	102,857	81,809	4,488	1,371	20,401	6,800	85
	MAY.	106,902	84,257	816	4,849	20,265	7,480	45
	JUN.	104,147	80,177	3,264	5,322	20,061	6,120	2,722
	<b>2nd quarter</b>	313,906	246,244	8,569	11,542	60,728	20,401	2,851
	JUL.	115,185	77,885	3,074	5,555	27,377	6,734	9,286
	AUG.	113,771	86,522	5,344	9,250	27,670	7,906	5,715
	SEP.	109,760	98,527	952	6,133	25,108	6,661	2,972
	<b>3rd quarter</b>	338,715	262,934	9,370	20,937	80,154	21,301	17,973
	OCT.	105,401	73,581	5,508	5,419	18,361	5,916	1,533
	NOV.	102,625	92,078	2,312	7,296	16,185	8,365	5,310
	DEC.	103,718	78,613	6,188	3,002	14,553	7,889	5,880
	<b>4th quarter</b>	311,743	244,272	14,009	15,717	49,099	22,169	12,724
		1,273,403	972,560	43,780	48,820	245,473	85,633	51,509

Original Table (Quarterly) of China in 2006 (Continued)

## Natural Gas ( or LNG)

Unit: 1,000CM

	Production	Imports	Exports	Stock Changes
2006 JAN.	5,405,000	-	-	n.a
FEB.	5,201,000	-	-	n.a
MAR.	5,293,000	-	-	n.a
<b>1st quarter</b>	15,899,000	-	-	n.a
APR.	4,604,000	-	-	n.a
MAY.	4,607,000	-	-	n.a
JUN.	4,747,000	-	-	n.a
<b>2nd quarter</b>	13,958,000	-	-	n.a
JUL.	4,799,000	-	-	n.a
AUG.	4,815,000	-	-	n.a
SEP.	4,635,000	-	-	n.a
<b>3rd quarter</b>	14,249,000	-	-	n.a
OCT.	4,879,000	-	-	n.a
NOV.	5,141,000	-	-	n.a
DEC.	5,402,000	-	-	n.a
<b>4th quarter</b>	15,422,000	-	-	n.a
	59,528,000	-	-	n.a

## Electricity

Unit: GWh

	Gross Generation					Imports	Exports
	Total	Thermal	Hydro	Nuclear	Others		
2006 JAN.	206,339	175,486	25,009	n.a	5,844	-	819
FEB.	196,201	166,946	23,843	n.a	5,412	-	609
MAR.	216,162	184,725	26,168	n.a	5,269	-	686
<b>1st quarter</b>	618,702	527,157	75,020	n.a	16,525	-	2,114
APR.	211,660	177,697	29,146	n.a	4,817	-	689
MAY.	217,528	175,866	36,372	n.a	5,290	-	550
JUN.	230,193	181,587	43,659	n.a	4,947	-	918
<b>2nd quarter</b>	659,381	535,150	109,177	n.a	15,054	-	2,158
JUL.	251,714	202,248	44,126	n.a	5,340	-	1,508
AUG.	257,049	213,979	37,466	n.a	5,604	-	1,452
SEP.	236,475	197,264	34,352	n.a	4,859	-	1,319
<b>3rd quarter</b>	745,238	613,491	115,944	n.a	15,803	-	4,280
OCT.	232,430	195,336	33,106	n.a	3,988	-	1,409
NOV.	236,336	204,349	27,188	n.a	4,799	-	1,210
DEC.	257,340	226,559	25,447	n.a	5,334	-	1,101
<b>4th quarter</b>	726,106	626,244	85,741	n.a	14,121	-	3,719
	2,749,427	2,302,042	385,882	n.a	61,503	-	12,271

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.



## 3.6 Hong Kong, China

Energy Balance Table of Hong Kong, China in 2005

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
1 Indigenous Production	-	-	-	-	-	-	-	-	-
2 Import	6,826	-	-	15,405	379	656	4,543	-	3,565
3 Export	-0	-	-	-1,377	-29	-	-142	-	-72
4 International Marine Bunkers	-	-	-	-5,718	-	-	-	-	-1,602
5 Stock Changes	44	-	-	-91	-2	62	367	33	1
6 Total Primary Energy Supply	6,870	-	-	8,219	347	718	4,769	33	1,893
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-6,869	-	-	-756	-	-718	-	-	-6
8.1 Main Activity Producer	-6,869	-	-	-38	-	-	-	-	-6
8.2 Autoproducers	-	-	-	-	-	-	-	-	-
8.3 Gas Processing	-	-	-	-718	-	-718	-	-	-
8.4 Petroleum Refineries	-	-	-	-	-	-	-	-	-
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-	-	-	-	-	-
10. Discrepancy	-	-	-	-1,131	3	-0	-1,097	-0	-37
11 Total Final Energy Consumption	1	-	-	6,332	350	-	3,672	33	1,850
12 Industry Sector	1	-	-	204	-	-	-	-	204
13 Transport Sector	-	-	-	5,878	350	-	3,672	-	1,556
14 Other Sector	-	-	-	250	-	-	-	33	89
14.1 Residential & Commercial	-	-	-	122	-	-	-	33	89
14.2 Agriculture	-	-	-	-	-	-	-	-	-
14.3 Other	-	-	-	128	-	-	-	-	-
15 Non-energy	-	-	-	-	-	-	-	-	-

Energy Balance Table of Hong Kong, China in 2004

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
1 Indigenous Production	-	-	-	-	-	-	-	-	-
2 Import	6,742	-	-	16,365	391	680	4,081	48	5,348
3 Export	-0	-0	-	-1,348	-39	-	-122	-	-159
4 International Marine Bunkers	-	-	-	-7,722	-	-	-	-	-3,276
5 Stock Changes	-428	-	-	-	-	-	-	-	-
6 Total Primary Energy Supply	6,313	-0	-	7,295	353	680	3,959	48	1,914
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-6,337	-	-	-711	-	-654	-	-	-7
8.1 Main Activity Producer	-6,337	-	-	-57	-	-	-	-	-7
8.2 Autoproducers	-	-	-	-	-	-	-	-	-
8.3 Gas Processing	-	-	-	-654	-	-654	-	-	-
8.4 Petroleum Refineries	-	-	-	-	-	-	-	-	-
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-	-	-	-	-	-
10. Discrepancy	24	0	-	-616	5	-26	-793	-	103
11 Total Final Energy Consumption	0	-	-	5,968	358	-	3,166	48	2,010
12 Industry Sector	0	-	-	315	-	-	-	-	313
13 Transport Sector	-	-	-	5,396	358	-	3,166	-	1,621
14 Other Sector	-	-	-	258	-	-	-	48	76
14.1 Residential & Commercial	-	-	-	76	-	-	-	-	76
14.2 Agriculture	-	-	-	-	-	-	-	-	-
14.3 Other	-	-	-	182	-	-	-	48	-
15 Non-energy	-	-	-	-	-	-	-	-	-

Energy Balance Table of Hong Kong, China in 2005 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	-	-	-	-	81	-	-	81		
5,892	370	-	-	-	2,033	-	-	-	-	946	-	25,210		
-1,134	-0	-	-	-	-	-	-	-	-	-387	-	-1,763		
-4,116	-	-	-	-	-	-	-	-	-	-	-	-5,718		
-610	58	-	-	-	-	-	-	-	-	-	-	-48		
32	428	-	-	-	2,033	-	-	-	81	559	-	17,762		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-32	-	-	-	-	-1,447	-	-	-	-41	3,307	-	-5,805		
-32	-	-	-	-	-2,033	-	-	-	-	3,307	-	-5,632		
-	-	-	-	-	-	-	-	-	-41	-	-	-41		
-	-	-	-	-	586	-	-	-	-	-	-	-132		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-422	-	-422		
0	-0	-	-	-	-	-	-	-	-41	-0	-	-1,172		
-	428	-	-	-	586	-	-	-	-	3,444	-	10,364		
-	-	-	-	-	19	-	-	-	-	350	-	574		
-	300	-	-	-	-	-	-	-	-	123	-	6,001		
-	128	-	-	-	567	-	-	-	-	2,971	-	3,788		
-	-	-	-	-	567	-	-	-	-	2,971	-	3,660		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	128	-	-	-	-	-	-	-	-	-	-	128		
-	-	-	-	-	-	-	-	-	-	-	-	-		

Energy Balance Table of Hong Kong, China in 2004 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	-	-	-	-	85	-	-	85		
5,452	365	-	-	-	2,048	-	-	-	-	788	-	25,943		
-1,027	-2	-	-	-	-	-	-	-	-	-265	-	-1,614		
-4,447	-	-	-	-	-	-	-	-	-	-	-	-7,722		
-	-	-	-	-	-	-	-	-	-	-	-	-428		
-22	363	-	-	-	2,048	-	-	-	85	523	-	16,264		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-50	-	-	-	-	-1,465	-	-	-	-43	3,193	-	-5,362		
-50	-	-	-	-	-2,048	-	-	-	-	3,193	-	-5,248		
-	-	-	-	-	-	-	-	-	-43	-	-	-43		
-	-	-	-	-	583	-	-	-	-	-	-	-71		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-342	-	-342		
74	20	-	-	-	-	-	-	-	-43	-0	-	-635		
2	384	-	-	-	583	-	-	-	-	3,373	-	9,925		
2	-	-	-	-	21	-	-	-	-	369	-	704		
-	250	-	-	-	-	-	-	-	-	119	-	5,514		
-	134	-	-	-	563	-	-	-	-	2,886	-	3,707		
-	-	-	-	-	563	-	-	-	-	2,886	-	3,525		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	134	-	-	-	-	-	-	-	-	-	-	182		
-	-	-	-	-	-	-	-	-	-	-	-	-		

## Major Energy Indicators of Hong Kong, China

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	5,293	7,011	8,501	9,549	10,053	10,643	11,409	12,694	13,280
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	6,195	8,021	10,394	11,602	13,836	12,918	13,614	16,546	18,611
Export	-199	-294	-693	-1,113	-2,337	-2,123	-2,701	-3,530	-5,019
Final Energy Consumption	3,464	4,330	5,261	6,079	6,338	6,689	7,044	8,023	8,437
Industry	1,040	1,335	1,633	1,862	1,827	1,516	1,370	1,720	1,468
Transport	1,512	1,658	2,013	2,476	2,634	3,136	3,494	3,980	4,493
Residential & Commercial	892	1,321	1,600	1,729	1,864	2,025	2,167	2,312	2,456
Agriculture	-	-	-	-	-	-	-	-	-
<b>Coal, Coal Products</b>									
Primary Energy Supply	20	3,232	4,794	5,256	5,596	6,008	6,516	6,947	7,171
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	21	3,324	4,812	5,563	5,961	5,362	5,783	6,131	7,099
Export	-1	-1	-1	-1	-2	-1	-1	-2	-1
Transformation Sector	-	-3,216	-4,779	-5,244	-5,583	-5,996	-6,504	-6,936	-7,159
Power Generation	-	-3,216	-4,779	-5,244	-5,583	-5,996	-6,504	-6,936	-7,159
Final Energy Consumption	20	16	15	12	13	12	12	11	13
Industry	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	-	-	-	-	-	-	-	-	-
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-
<b>Petroleum Products</b>									
Primary Energy Supply	5,299	3,869	3,824	4,417	4,610	4,790	5,156	6,173	6,496
Import	6,174	4,697	5,582	6,038	7,876	7,556	7,831	10,415	11,512
Export	-172	-203	-575	-988	-2,183	-1,967	-2,437	-3,102	-4,632
Transformation Sector	-2,871	-1,097	-495	-424	-509	-489	-670	-806	-873
Power Generation	-2,789	-908	-243	-120	-179	-126	-278	-366	-400
Petroleum Refineries	-	-	-	-	-	-	-	-	-
Final Energy Consumption	2,430	2,773	3,332	3,997	4,106	4,304	4,506	5,371	5,628
Industry	674	880	1,052	1,259	1,214	908	757	1,124	894
Transport	1,512	1,658	2,013	2,476	2,634	3,136	3,494	3,980	4,493
Residential & Commercial	243	235	267	263	258	260	255	267	241
Agriculture	-	-	-	-	-	-	-	-	-
<b>Natural Gas</b>									
Primary Energy Supply	-	-	-	-	-	-	-	-	-
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	76	172	228	263	294	324	349	391	413
Power Generation	-	-	-	-	-	-	-	-	-
Final Energy Consumption	76	172	228	263	294	324	349	391	413
Industry	5	6	9	9	11	13	15	18	19
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	71	166	219	254	283	311	334	374	394
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	1,088	1,654	2,042	2,193	2,353	2,488	2,735	3,002	3,129
Thermal	1,088	1,654	2,042	2,193	2,353	2,488	2,735	3,002	3,129
Hydro	-	-	-	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	939	1,370	1,687	1,806	1,925	2,049	2,177	2,249	2,384
Industry	361	450	573	594	601	596	598	578	555
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	578	920	1,114	1,212	1,323	1,454	1,579	1,671	1,822
Agriculture	-	-	-	-	-	-	-	-	-



Major Energy Indicators of Hong Kong, China (Continued)

												ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
13,035	13,250	13,272	13,170	15,472	16,299	15,094	15,256	15,323	15,592	16,264	17,762	
-	-	-	-	-	-	-	-	-	-	85	81	
19,197	22,159	23,102	24,839	25,905	23,686	19,786	20,568	21,233	22,001	25,943	25,210	
-5,160	-7,837	-8,493	-9,803	-8,168	-3,373	-1,557	-1,262	-1,247	-1,374	-1,614	-1,763	
9,236	9,275	9,301	9,564	11,497	12,664	11,204	10,904	10,805	10,532	9,925	10,364	
1,516	1,373	1,265	1,245	1,776	2,179	1,714	1,535	1,235	1,192	704	574	
5,058	5,132	5,097	5,309	6,497	7,256	6,088	5,889	5,936	5,626	5,514	6,001	
2,645	2,754	2,757	2,995	3,211	3,216	3,389	3,467	3,621	3,699	3,525	3,660	
-	-	-	-	-	-	-	-	-	-	-	-	
5,553	5,751	4,485	3,662	4,240	3,550	4,125	4,556	5,069	6,401	6,313	6,870	
-	-	-	-	-	-	-	-	-	-	-	-	
5,074	5,467	4,066	3,431	4,260	3,836	3,658	4,818	5,229	6,409	6,742	6,826	
-1	-1	-1	-2	-0	-1	-24	-8	-2	-9	-0	-0	
-5,543	-5,742	-4,476	-3,655	-4,234	-3,544	-4,121	-4,552	-5,064	-6,423	-6,337	-6,869	
-5,543	-5,742	-4,476	-3,655	-4,234	-3,544	-4,121	-4,552	-5,064	-6,423	-6,337	-6,869	
10	9	9	7	6	6	4	4	5	5	0	1	
-	-	-	-	-	-	-	-	-	-	0	1	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
6,923	6,961	6,773	6,734	8,605	9,750	8,186	7,784	7,642	7,319	7,295	8,219	
13,414	16,022	16,994	18,585	18,965	16,797	13,245	12,834	13,205	13,461	16,365	15,405	
-5,008	-7,708	-8,446	-9,753	-8,116	-3,318	-1,431	-1,254	-1,058	-1,107	-1,348	-1,377	
-660	-694	-664	-685	-658	-662	-684	-689	-690	-716	-711	-756	
-124	-169	-114	-95	-75	-59	-37	-37	-42	-47	-57	-38	
-	-	-	-	-	-	-	-	-	-	-	-	
6,270	6,227	6,077	6,270	7,981	9,135	7,518	7,125	6,953	6,639	5,968	6,332	
984	869	769	772	1,315	1,741	1,269	1,113	829	816	315	204	
5,058	5,132	5,097	5,309	6,497	7,256	6,088	5,889	5,936	5,626	5,396	5,878	
229	225	45	189	168	139	161	123	188	198	76	122	
-	-	-	-	-	-	-	-	-	-	-	-	
-	16	1,390	2,146	2,013	2,220	2,007	2,025	1,924	1,237	2,048	2,033	
-	-	-	-	-	-	-	-	-	-	-	-	
-	22	1,374	2,146	2,013	2,220	2,007	2,025	1,924	1,237	2,048	2,033	
-	-	-	-	-	-	-	-	-	-	-	-	
446	456	-896	-1,632	-1,498	-1,689	-1,447	-1,454	-1,351	-657	-1,465	-1,447	
-	-16	-1,390	-2,146	-2,013	-2,220	-2,007	-2,025	-1,924	-1,237	-2,048	-2,033	
446	472	494	514	515	531	560	571	573	580	583	586	
20	21	20	20	19	20	21	22	21	22	21	19	
-	-	-	-	-	-	-	-	-	-	-	-	
426	451	474	494	496	511	539	549	551	559	563	567	
-	-	-	-	-	-	-	-	-	-	-	-	
2,299	2,400	2,445	2,489	2,701	2,536	2,694	2,788	2,950	3,053	3,193	3,307	
2,299	2,400	2,445	2,489	2,701	2,536	2,694	2,788	2,950	3,053	3,193	3,307	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
2,509	2,567	2,720	2,772	2,996	2,992	3,121	3,204	3,275	3,306	3,373	3,444	
512	483	476	453	442	419	424	400	385	355	369	350	
-	-	-	-	-	-	-	-	-	-	119	123	
1,990	2,077	2,237	2,312	2,547	2,566	2,689	2,795	2,881	2,943	2,886	2,971	
-	-	-	-	-	-	-	-	-	-	-	-	

## Major Economic Indicators of Hong Kong, China

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	5.06	5.46	5.59	5.63	5.69	5.70	5.75	5.80
Gross Domestic Product *4								
Real Term (Billions of 2000 Price and 2000 USD)	58.34	76.60	96.11	103.77	106.43	108.42	114.49	122.05
Real Term (Billions of 2000 Price and 2000 PPP)	60.37	79.27	99.47	107.39	110.14	112.20	118.49	126.31
Nominal (Billions of Current USD)	28.82	35.53	50.47	59.60	68.75	76.89	88.83	104.01
GDP per Capita *4								
Real Term (2000 Price and 2000 USD)	11,522	14,038	17,193	18,440	18,717	19,006	19,905	21,041
Real Term (2000 Price and 2000 PPP)	11,924	14,528	17,792	19,083	19,370	19,669	20,599	21,775
Nominal (Current USD)	5,692	6,512	9,027	10,591	12,091	13,479	15,444	17,931
Nominal GDP & its Components (Billions of Current HKD) *1								
Gross Domestic Product	143.40	276.82	393.54	465.25	536.27	598.95	690.32	805.08
Household Final Consumption Expenditure, etc.	85.41	169.39	224.02	261.75	296.60	342.17	406.47	472.80
General Government Final Consumption Expenditure	8.71	19.75	25.67	29.94	36.17	43.14	51.29	63.79
Gross Fixed Capital Formation	46.23	58.07	92.73	117.44	138.10	156.16	180.81	217.64
Stock Change	3.74	1.47	9.75	14.13	3.46	5.73	4.10	8.19
Exports of Goods and Services	127.48	297.72	472.36	604.37	697.72	782.38	926.99	1,110.86
Imports of Goods and Services	128.17	269.57	430.98	562.40	635.78	730.62	879.33	1,068.20
Real GDP & its Components (Billions of 2000 HKD) *1								
Gross Domestic Product	454.52	596.77	748.84	808.51	829.22	844.74	892.04	950.91
Household Final Consumption Expenditure, etc.	275.60	369.55	439.27	475.77	492.06	504.17	552.07	600.65
General Government Final Consumption Expenditure	43.95	62.47	68.95	71.53	75.25	84.63	91.14	97.61
Gross Fixed Capital Formation	138.87	144.67	175.61	187.06	193.52	205.57	224.90	245.81
Stock Change	5.77	-0.07	10.19	13.94	3.29	1.45	-6.51	-6.68
Exports of Goods and Services	223.74	360.17	536.29	661.53	720.77	793.06	907.04	1,069.96
Imports of Goods and Services	221.69	330.78	485.65	607.68	659.25	744.15	876.59	1,056.45
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Industry	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Services, etc.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Manufacturing Production (2000=100) *2	N.A.	84.4	113.5	120.3	120.8	119.8	120.6	123.0
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	20,323	30,077	48,712	63,493	73,336	82,390	98,659	119,586
Imports, c.i.f.	22,994	31,195	50,691	70,325	77,662	84,725	103,883	127,340
Balance of Payments (Billions of Current USD) *2								
Trade Balance	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Current Account	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Overall Balance	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Foreign Exchange Rate (HKD/USD) *1	4.9761	7.7908	7.7983	7.8060	7.7999	7.7898	7.7712	7.7406
Purchasing Power Parity (HKD/International Dollar) *1	4.3990	5.0130	5.4063	5.7233	6.1972	6.5414	6.8983	7.3771
Price Indices								
GDP Deflator (2000=100) *4	31.6	46.4	52.6	57.5	64.7	70.9	77.4	84.7
Producer Price Index (2000=100) *2	N.A.	N.A.	N.A.	N.A.	N.A.	93.2	96.4	98.2
Consumer Price Index (2000=100) *2	N.A.	41.4	45.3	48.9	53.9	59.4	66.1	72.4
Growth Rate (%) *4								
Real GDP	10.37	0.19	12.96	7.97	2.56	1.87	5.60	6.60
Population	2.71	1.08	1.19	0.66	1.04	0.32	0.83	0.84
Price								
Producer Price Index	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	3.4	1.8
Consumer Price Index	N.A.	3.5	5.7	7.8	10.2	10.3	11.3	9.5

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Census &amp; Statistics Department, Hong Kong Government.

\*4 : Estimation from \*1, \*2 and \*3 by the Coordinating Agency

Note : N.A. shows "not available"

: HKD shows Hong Kong Dollar, USD shows United States Dollar

Major Economic Indicators of Hong Kong, China (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
5.90	6.04	6.16	6.44	6.49	6.54	6.61	6.67	6.72	6.79	6.80	6.88	6.94
129.74	136.88	142.21	148.33	155.89	148.10	153.13	168.75	169.83	172.95	178.49	193.83	207.93
134.26	141.65	147.17	153.50	161.33	153.26	158.48	174.64	175.75	178.98	184.71	200.59	215.18
119.96	135.54	144.23	158.97	176.31	166.91	163.29	168.75	166.54	163.71	158.47	165.84	177.70
21,986	22,679	23,101	23,049	24,023	22,632	23,179	25,319	25,254	25,483	26,236	28,163	29,945
22,753	23,470	23,907	23,852	24,861	23,422	23,988	26,203	26,135	26,372	27,151	29,145	30,989
20,329	22,457	23,429	24,701	27,170	25,507	24,716	25,319	24,765	24,121	23,294	24,096	25,592
927.99	1,047.47	1,115.74	1,229.48	1,365.02	1,292.77	1,266.70	1,314.79	1,298.81	1,276.76	1,233.98	1,291.57	1,382.05
541.08	624.41	691.71	755.51	833.83	795.95	765.28	774.28	782.59	747.85	719.30	767.77	804.71
72.28	83.15	93.62	103.54	112.75	116.55	119.99	120.17	128.87	131.29	130.15	127.31	121.33
249.44	305.76	334.36	378.49	451.89	388.73	325.33	347.38	333.04	286.02	261.37	274.87	288.82
2.30	21.26	45.66	9.76	12.31	-15.65	-10.61	14.40	-4.06	5.66	9.11	7.08	-5.09
1,255.82	1,404.30	1,597.77	1,683.30	1,742.54	1,609.75	1,625.38	1,887.70	1,801.79	1,909.96	2,111.51	2,456.59	2,735.20
1,192.94	1,391.40	1,647.38	1,701.12	1,788.30	1,602.56	1,558.67	1,829.14	1,743.40	1,804.02	1,997.46	2,342.05	2,562.92
1,010.82	1,066.42	1,108.01	1,155.65	1,214.59	1,153.86	1,193.09	1,314.79	1,323.17	1,347.50	1,390.61	1,510.18	1,619.98
648.10	691.53	701.90	723.66	773.59	721.76	731.14	774.28	790.29	782.58	775.22	831.83	859.83
99.66	103.45	106.76	110.82	113.48	114.27	117.82	120.17	127.44	130.60	133.05	133.97	129.80
254.66	293.62	324.16	359.49	404.79	375.24	312.95	347.38	356.57	340.35	343.41	353.86	368.39
-12.30	0.49	23.42	-13.34	-15.48	-40.52	-24.62	14.40	-4.89	6.88	10.35	7.32	-5.41
1,202.65	1,318.56	1,458.93	1,548.55	1,620.62	1,559.48	1,624.32	1,887.70	1,855.39	2,023.53	2,287.82	2,648.57	2,932.44
1,181.96	1,341.23	1,507.16	1,573.52	1,682.40	1,576.38	1,568.52	1,829.14	1,801.64	1,936.45	2,159.26	2,465.36	2,665.07
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0.1	0.1	0.1	0.1	0.1	0.1
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	12.7	12.1	11.4	10.5	9.4	8.7
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	80.7	83.5	84.2	85.2	86.1	87.0
122.3	122.0	123.1	118.6	117.6	107.4	100.5	100.0	95.6	86.2	78.3	80.6	82.6
135.385	151.465	173.871	180.914	188.195	174.864	174.403	202.683	191.066	201.928	228.708	265.543	292.119
141.308	165.878	196.072	201.284	213.297	186.759	180.711	214.042	202.008	207.969	233.249	272.893	300.160
N.A.	N.A.	N.A.	N.A.	N.A.	-7.833	-3.159	-8.193	-8.331	-5.053	-5.779	-9.312	-7.627
N.A.	N.A.	N.A.	N.A.	N.A.	2.507	10.248	6.993	9.786	12.412	16.470	15.728	20.233
N.A.	N.A.	N.A.	N.A.	N.A.	-6.789	10.028	10.044	4.684	-2.377	0.994	3.286	1.378
7.7356	7.7284	7.7358	7.7343	7.7421	7.7453	7.7575	7.7912	7.7988	7.7989	7.7868	7.7880	7.7773
7.8197	8.1936	8.2321	8.5349	8.8678	8.7433	8.1673	7.5286	7.2162	6.8458	6.2834	5.9011	5.7141
91.8	98.2	100.7	106.4	112.4	112.0	106.2	100.0	98.2	94.8	88.7	85.5	85.3
98.8	100.9	103.7	103.6	103.3	101.4	99.8	100.0	98.4	95.7	95.4	97.6	98.3
78.8	85.8	93.5	99.3	105.2	108.2	103.9	100.0	104.4	95.3	92.9	92.6	93.4
6.30	5.50	3.90	4.30	5.10	-5.00	3.40	10.20	0.64	1.84	3.20	8.60	7.27
1.73	2.28	2.00	4.54	0.84	0.84	0.96	0.89	0.90	0.92	0.24	1.17	0.89
0.7	2.1	2.8	-0.1	-0.3	-1.8	-1.6	0.2	-1.6	-2.7	-0.3	2.3	0.7
8.8	8.8	9.0	6.3	5.9	2.8	-4.0	-3.8	-1.6	-3.1	-2.5	-0.4	0.9

## Energy Price of Hong Kong, China in 2005

## Currency Exchange Rate

	Local currency / US Dollar	
<b>Currency Exchange Rate</b>		
<b>Local Currency Unit</b>		

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal			Coking Coal			Coking Coal		
Anthracite	HK\$ / t	1,339.00	Anthracite			Anthracite		
Other bituminous coal	HK\$ / t	358.00	Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal			Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke			Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil			<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG	HK\$ / kg	3.83	Ethane			Ethane		
Naphtha			LPG			LPG	HK\$ / kg	13.55
Motor Gasoline	HK\$ / l	3.49	Naphtha			Naphtha		
Aviation Gasoline			Motor Gasoline			Motor Gasoline	HK\$ / l	12.46
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline		
Kerosene Type Jet Fuel	HK\$ / l	3.32	Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene			Kerosene Type Jet Fuel			Kerosene Type Jet Fuel		
Gas/Diesel Oil			Other Kerosene			Other Kerosene		
Fuel Oil	HK\$ / l	2.02	Gas/Diesel Oil			Gas/Diesel Oil		
White Spirit SBP			Fuel Oil			Fuel Oil		
Lubricants			White Spirit SBP			White Spirit SBP		
Bitumen			Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke			Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas	HK\$ / kg	1.05	<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas			Natural Gas			Natural Gas		
Compressed Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity			Industrial		
Gas oil, diesel oil and naphtha	HK\$ / l	3.06	<b>Other Energy Products</b>			Commercial		
						Residential		
						Others		
						<b>Other Energy Products</b>		
						Environmental diesel oil (road)	HK\$ / l	7.76

## Original Table (Quarterly) of Hong Kong, China in 2006

Coal		Unit: 1,000ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	NA	1,070	0	NA
	FEB.	NA	609	0	NA
	MAR.	NA	1,117	0	NA
	<b>1st quarter</b>	NA	2,797	0	NA
	APR.	NA	1,049	0	NA
	MAY.	NA	1,165	0	NA
	JUN.	NA	838	0	NA
	<b>2nd quarter</b>	NA	3,052	0	NA
	JUL.	NA	1,080	0	NA
	AUG.	NA	1,263	0	NA
	SEP.	NA	1,365	0	NA
	<b>3rd quarter</b>	NA	3,708	0	NA
	OCT.	NA	544	0	NA
	NOV.	NA	634	0	NA
	DEC.	NA	677	1	NA
	<b>4th quarter</b>	NA	1,855	2	NA
		NA	11,412	2	NA

Oil		Unit: 1,000kL						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	NA	NA	NA	NA	1,900	135	210
	FEB.	NA	NA	NA	NA	1,400	93	-7
	MAR.	NA	NA	NA	NA	1,763	104	-16
	<b>1st quarter</b>	NA	NA	NA	NA	5,063	332	187
	APR.	NA	NA	NA	NA	1,344	190	-130
	MAY.	NA	NA	NA	NA	1,731	92	161
	JUN.	NA	NA	NA	NA	1,106	64	-73
	<b>2nd quarter</b>	NA	NA	NA	NA	4,182	345	-42
	JUL.	NA	NA	NA	NA	1,408	78	-79
	AUG.	NA	NA	NA	NA	1,750	126	26
	SEP.	NA	NA	NA	NA	1,358	87	-15
	<b>3rd quarter</b>	NA	NA	NA	NA	4,516	291	-68
	OCT.	NA	NA	NA	NA	1,859	102	91
	NOV.	NA	NA	NA	NA	2,152	114	-44
	DEC.	NA	NA	NA	NA	1,263	116	-152
	<b>4th quarter</b>	NA	NA	NA	NA	5,274	333	-105
		NA	NA	NA	NA	19,035	1,301	-28

Original Table (Quarterly) of Hong Kong, China in 2006 (Continued)

Natural Gas ( or LNG)		Unit: 1,000ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	NA	132	-	NA
	FEB.	NA	126	-	NA
	MAR.	NA	135	-	NA
	<b>1st quarter</b>	NA	392	-	NA
	APR.	NA	130	-	NA
	MAY.	NA	147	-	NA
	JUN.	NA	182	-	NA
	<b>2nd quarter</b>	NA	460	-	NA
	JUL.	NA	200	-	NA
	AUG.	NA	209	-	NA
	SEP.	NA	216	-	NA
	<b>3rd quarter</b>	NA	625	-	NA
	OCT.	NA	232	-	NA
	NOV.	NA	226	-	NA
	DEC.	NA	227	-	NA
	<b>4th quarter</b>	NA	684	-	NA
		NA	2,161	-	NA

Electricity		Unit: GWh					Imports	Exports
		Total	Thermal	Hydro	Nuclear	Others		
2006	JAN.	NA	NA	NA	NA	NA	NA	NA
	FEB.	NA	NA	NA	NA	NA	NA	NA
	MAR.	NA	NA	NA	NA	NA	NA	NA
	<b>1st quarter</b>	8,292	8,292	NA	NA	NA	1,962	1,164
	APR.	NA	NA	NA	NA	NA	NA	NA
	MAY.	NA	NA	NA	NA	NA	NA	NA
	JUN.	NA	NA	NA	NA	NA	NA	NA
	<b>2nd quarter</b>	10,275	10,275	NA	NA	NA	2,539	950
	JUL.	NA	NA	NA	NA	NA	NA	NA
	AUG.	NA	NA	NA	NA	NA	NA	NA
	SEP.	NA	NA	NA	NA	NA	NA	NA
	<b>3rd quarter</b>	11,497	11,497	NA	NA	NA	3,679	1,547
	OCT.	NA	NA	NA	NA	NA	NA	NA
	NOV.	NA	NA	NA	NA	NA	NA	NA
	DEC.	NA	NA	NA	NA	NA	NA	NA
	<b>4th quarter</b>	8,548	8,548	NA	NA	NA	2,718	866
		38,612	38,612	NA	NA	NA	10,897	4,528

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.

## 3.7 Indonesia

## Energy Balance Table of Indonesia in 2005

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
<b>1 Indigenous Production</b>	82,754	-	48,137	-	-	-	-	-	-
<b>2 Import</b>	53	-	20,471	21,235	4,809	-	513	2,057	12,501
<b>3 Export</b>	-57,745	-	-19,567	-7,363	-	-807	-	-	-
<b>4 International Marine Bunkers</b>	-	-	-	-	-	-	-	-	-
<b>5 Stock Changes</b>	-1,320	-	-	-	-	-	-	-	-
<b>6 Total Primary Energy Supply</b>	23,742	-	49,041	13,873	4,809	-807	513	2,057	12,501
<b>7 Transfers</b>	-	-	-	-	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-13,972	13	-44,642	37,089	9,038	2,620	1,334	6,747	6,965
<b>8.1 Main Activity Producer</b>	-9,189	-	-	-8,646	-	-	-	-	-6,626
<b>8.2 Autoproducers</b>	-4,767	-	-	-613	-	-	-	-	-613
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-44,642	46,348	9,038	2,620	1,334	6,747	14,204
<b>8.5 Coal Transformation</b>	-15	13	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-	-893	-	-	-	-	-	-
<b>10. Discrepancy</b>	-1,284	0	-3,506	-5,009	-266	-1,814	-24	189	-1,197
<b>11 Total Final Energy Consumption</b>	8,486	13	-	45,952	13,580	-	1,823	8,994	18,269
<b>12 Industry Sector</b>	8,486	-	-	10,444	-	-	-	72	8,000
<b>13 Transport Sector</b>	-	-	-	25,852	13,580	-	1,823	-	10,269
<b>14 Other Sector</b>	-	13	-	9,656	-	-	-	8,922	-
<b>14.1 Residential &amp; Commercial</b>	-	13	-	9,656	-	-	-	8,922	-
<b>14.2 Agriculture</b>	-	-	-	-	-	-	-	-	-
<b>14.3 Other</b>	-	-	-	-	-	-	-	-	-
<b>15 Non-energy</b>	-	-	-	-	-	-	-	-	-

## Energy Balance Table of Indonesia in 2004

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
<b>1 Indigenous Production</b>	71,960	-	53,388	-	-	-	-	-	-
<b>2 Import</b>	-	-	19,791	21,321	600	-	647	2,182	10,671
<b>3 Export</b>	-50,977	-	-23,841	-12,090	-	-1,453	-	-	-
<b>4 International Marine Bunkers</b>	-	-	-	-	-	-	-	-	-
<b>5 Stock Changes</b>	-	-	-	-	-	-	-	-	-
<b>6 Total Primary Energy Supply</b>	20,983	-	49,339	9,231	600	-1,453	647	2,182	10,671
<b>7 Transfers</b>	-	-	-	-	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-12,451	8	-48,787	39,474	9,301	2,314	1,400	7,137	8,991
<b>8.1 Main Activity Producer</b>	-8,380	-	-	-7,718	-	-	-	-	-5,480
<b>8.2 Autoproducers</b>	-4,061	-	-	-496	-	-	-	-	-496
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-48,787	47,688	9,301	2,314	1,400	7,137	14,966
<b>8.5 Coal Transformation</b>	-10	8	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-	-	-992	-	-992	-	-	-
<b>10. Discrepancy</b>	-1,355	0	-552	426	2,862	131	-133	24	86
<b>11 Total Final Energy Consumption</b>	7,177	8	-	48,138	12,762	-	1,914	9,343	19,747
<b>12 Industry Sector</b>	7,164	-	-	12,019	-	-	-	419	8,497
<b>13 Transport Sector</b>	-	-	-	22,605	12,299	-	1,914	2	8,182
<b>14 Other Sector</b>	13	8	-	13,514	463	-	-	8,922	3,069
<b>14.1 Residential &amp; Commercial</b>	13	8	-	9,716	-	-	-	8,554	424
<b>14.2 Agriculture</b>	-	-	-	-	-	-	-	-	-
<b>14.3 Other</b>	-	-	-	3,798	463	-	-	368	2,645
<b>15 Non-energy</b>	-	-	-	-	-	-	-	-	-



Energy Balance Table of Indonesia in 2005 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	68,663	925	-	5,679	43,525	-	-	249,683		
1,334	22	-	-	-	-	-	-	-	-	-	-	41,760		
-460	-1,000	-	-	-5,096	-30,953	-	-	-	-	-	-	-115,627		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-1,320		
874	-978	-	-	-5,096	37,710	925	-	5,679	43,525	-	-	174,495		
-	-	-	-	-	-	-	-	-	-	-	-	-		
1,926	2,020	-	-	6,440	-11,300	-925	-	-5,679	-7	10,952	-	-28,471		
-2,020	-	-	-	-	-3,423	-845	-	-2,585	-	10,952	-	-13,736		
-	-	-	-	-	-	-80	-	-3,094	-7	-	-	-8,562		
-	-	-	-	-	-7,877	-	-	-	-	-	-	-7,877		
3,946	2,020	-	-	6,440	-	-	-	-	-	-	-	1,706		
-	-	-	-	-	-	-	-	-	-	-	-	-3		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-14,406	-	-	-	-	-1,570	-	-16,869		
-493	-61	-	-	-1,344	-911	-0	-	-0	-	-177	-	-10,888		
2,307	980	-	-	-	11,093	-	-	-	43,518	9,205	-	118,267		
2,127	245	-	-	-	6,523	-	-	-	6,919	3,651	-	36,023		
180	-	-	-	-	5	-	-	-	-	-	-	25,858		
-	735	-	-	-	39	-	-	-	36,599	5,554	-	51,861		
-	735	-	-	-	39	-	-	-	36,599	5,197	-	51,504		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	357	-	357		
-	-	-	-	-	4,526	-	-	-	-	-	-	4,526		

Energy Balance Table of Indonesia in 2004 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	69,693	832	-	5,723	38,199	-	-	239,795		
1,696	61	-	-	5,465	-	-	-	-	-	-	-	41,113		
-702	-1,019	-	-	-8,916	-26,945	-	-	-	-	-	-	-113,853		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
994	-957	-	-	-3,452	42,748	832	-	5,723	38,199	-	-	167,054		
-	-	-	-	-	-	-	-	-	-	-	-	-		
2,165	1,985	-	-	6,182	-10,994	-832	-	-5,723	-	10,334	-	-28,972		
-2,238	-	-	-	-	-4,058	-769	-	-2,706	-	8,272	-	-15,359		
-	-	-	-	-	-369	-63	-	-3,017	-	2,061	-	-5,945		
-	-	-	-	-	-6,567	-	-	-	-	-	-	-6,567		
4,403	1,985	-	-	6,182	-	-	-	-	-	-	-	-1,099		
-	-	-	-	-	-	-	-	-	-	-	-	-2		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-17,460	-	-	-	-	-1,333	-	-19,785		
156	30	-	-	-2,730	389	-	-	-0	-7	116	-	-982		
3,315	1,058	-	-	-	14,682	-	-	-	38,192	9,117	-	117,315		
2,783	320	-	-	-	8,793	-	-	-	1,939	3,468	-	33,383		
209	-	-	-	-	12	-	-	-	-	5	-	22,623		
322	738	-	-	-	42	-	-	-	36,253	5,645	-	55,475		
-	738	-	-	-	42	-	-	-	36,253	5,135	-	51,167		
-	-	-	-	-	-	-	-	-	-	-	-	-		
322	-	-	-	-	-	-	-	-	-	510	-	4,307		
-	-	-	-	-	5,835	-	-	-	-	-	-	5,835		

## Major Energy Indicators of Indonesia

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	31,067	36,101	40,626	39,431	46,451	53,252	58,217	62,157	67,615
Indigenous Production	92,083	95,715	102,530	103,638	112,075	119,434	133,444	137,015	140,898
Import	7,367	5,097	6,083	5,208	7,110	9,999	9,915	13,427	14,554
Export	-68,076	-64,646	-67,926	-69,331	-72,582	-75,853	-85,087	-88,247	-87,789
Final Energy Consumption	21,078	24,316	26,564	28,215	31,290	33,956	36,218	38,767	41,102
Industry	6,756	8,285	8,969	9,626	10,941	11,767	12,766	13,997	15,109
Transport	6,236	7,086	8,290	8,982	9,917	11,205	12,116	12,910	13,652
Residential & Commercial	7,138	6,057	6,129	6,363	6,671	7,133	7,462	7,996	8,219
Agriculture	-	-	-	-	-	-	-	-	-
<b>Coal, Coal Products</b>									
Primary Energy Supply	166	889	1,635	1,957	4,026	4,056	4,564	3,826	5,625
Indigenous Production	200	873	1,063	2,006	4,779	5,785	7,828	12,612	15,443
Import	26	398	731	707	504	663	552	590	609
Export	-59	-383	-159	-756	-1,256	-2,392	-3,816	-9,376	-10,426
Transformation Sector	-	-349	-984	-1,292	-1,857	-2,252	-2,531	-2,592	-2,337
Power Generation	-	-349	-984	-1,292	-1,857	-2,252	-2,531	-2,592	-2,337
Final Energy Consumption	75	319	867	973	1,304	1,149	1,562	1,594	1,653
Industry	61	282	832	959	1,209	1,110	1,511	1,566	1,629
Transport	14	1	0	0	0	0	0	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	0
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	30,739	30,196	33,291	31,176	33,298	38,632	39,158	42,246	42,559
Indigenous Production	76,731	64,984	67,952	65,145	68,140	70,733	77,067	73,000	72,587
Import	4,387	4,313	4,026	2,661	3,739	6,085	5,928	8,099	7,521
Export	-50,379	-39,102	-38,687	-36,630	-38,580	-38,186	-43,838	-38,852	-37,548
Transformation Sector	-25,704	-26,632	-31,148	-32,735	-33,007	-36,471	-37,915	-40,082	-39,390
Petroleum Refineries	-25,704	-26,632	-31,148	-32,735	-33,007	-36,471	-37,915	-40,082	-39,390
<b>Petroleum Products</b>									
Primary Energy Supply	-4,990	-7,173	-8,185	-8,527	-8,155	-8,202	-7,719	-7,683	-4,964
Import	2,955	385	1,327	1,839	2,868	3,251	3,435	4,738	6,425
Export	-7,637	-7,494	-9,451	-10,283	-10,871	-11,125	-11,099	-12,383	-11,340
Transformation Sector	24,640	25,001	29,763	31,701	33,643	36,586	36,904	38,553	37,015
Power Generation	-1,690	-2,929	-2,947	-3,021	-2,790	-3,764	-4,624	-5,147	-5,914
Petroleum Refineries	25,865	27,941	32,720	34,185	34,305	38,041	39,192	41,362	40,502
Final Energy Consumption	18,052	18,184	19,124	20,339	22,233	24,681	26,047	28,106	29,613
Industry	4,751	4,914	4,750	4,981	5,574	6,317	6,638	7,492	8,163
Transport	6,221	7,084	8,290	8,982	9,917	11,203	12,110	12,904	13,642
Residential & Commercial	6,687	5,629	5,587	5,748	5,995	6,379	6,598	7,012	7,118
Agriculture	-	-	-	-	-	-	-	-	-
<b>Natural Gas</b>									
Primary Energy Supply	4,827	11,307	12,657	13,095	15,385	16,889	20,337	21,598	22,236
Indigenous Production	14,828	28,975	32,286	34,756	37,260	41,040	46,671	49,234	50,710
Import	-	-	-	-	-	-	-	-	-
Export	-10,002	-17,668	-19,630	-21,661	-21,875	-24,151	-26,334	-27,636	-28,474
Transformation Sector	-1,278	-4,622	-4,994	-5,216	-6,051	-5,616	-6,387	-7,286	-7,575
Power Generation	-	-91	-151	-216	-209	-249	-300	-289	-952
Final Energy Consumption	2,326	4,385	4,821	4,917	5,468	5,504	5,664	5,703	6,134
Industry	1,664	2,313	2,456	2,632	2,897	2,862	2,973	3,037	3,244
Transport	-	-	-	0	0	1	4	4	8
Residential & Commercial	107	7	9	6	7	5	5	5	6
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	855	1,810	2,221	2,491	2,840	3,245	3,604	4,005	4,387
Thermal	529	1,112	1,413	1,629	1,833	2,310	2,688	2,815	3,241
Hydro	325	698	808	862	1,007	935	916	1,189	1,147
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	624	1,428	1,752	1,985	2,284	2,624	2,945	3,363	3,701
Industry	280	776	931	1,053	1,261	1,478	1,644	1,902	2,073
Transport	-	-	-	-	-	1	1	1	2
Residential & Commercial	344	421	533	609	669	749	859	979	1,096
Agriculture	-	-	-	-	-	-	-	-	-

## Major Energy Indicators of Indonesia (Continued)

ktoe

1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
61,190	82,578	93,537	93,673	88,044	89,922	101,236	94,213	100,416	103,353	167,054	174,495
146,142	168,134	177,079	179,130	179,114	182,300	183,995	168,460	175,363	184,957	239,795	249,683
14,323	15,761	18,507	21,379	15,701	21,529	21,403	25,696	29,310	24,084	41,113	41,760
-99,234	-100,911	-101,974	-106,566	-106,730	-113,761	-103,804	-99,943	-104,074	-105,506	-113,853	-115,627
44,562	49,272	53,475	56,446	56,256	61,002	63,569	68,387	69,641	65,741	117,315	118,267
16,453	19,678	20,934	20,920	19,900	22,415	22,658	25,878	24,357	19,289	39,218	40,548
15,309	16,673	18,609	20,411	19,985	20,136	21,452	21,538	22,085	20,965	22,623	25,858
8,662	9,628	10,429	10,975	11,508	13,102	14,457	13,032	15,741	16,439	51,167	51,504
-	-	-	-	-	-	-	-	-	-	-	-
4,268	6,579	8,565	8,064	8,830	11,056	10,956	14,822	15,873	15,551	20,983	23,742
17,138	23,955	28,820	31,412	35,642	42,158	44,007	50,316	56,206	62,138	71,960	82,754
574	547	567	540	377	480	272	-	-	-	-	53
-13,444	-17,924	-20,823	-23,888	-27,190	-31,582	-33,323	-35,495	-40,332	-46,586	-50,977	-57,745
-2,778	-3,183	-5,395	-6,465	-6,981	-8,172	-10,052	-10,618	-10,888	-12,507	-12,443	-13,959
-2,777	-3,163	-5,378	-6,439	-6,965	-8,161	-10,048	-10,612	-10,884	-12,503	-12,441	-13,956
2,075	1,116	1,117	1,221	1,315	1,874	2,053	4,272	5,020	5,189	7,186	8,499
2,034	1,076	1,058	1,187	1,246	1,772	1,821	3,364	2,948	3,049	7,164	8,486
-	-	-	-	-	-	-	-	-	-	-	-
1	2	4	5	7	10	17	-	2,073	2,139	21	13
-	-	-	-	-	-	-	-	-	-	-	-
38,702	41,784	45,943	42,478	42,825	39,177	49,852	45,656	45,900	44,378	49,339	49,041
73,146	72,904	73,127	72,474	71,293	65,928	68,981	61,956	57,692	53,003	53,388	48,137
8,527	9,107	9,569	8,381	8,901	11,288	10,660	14,293	15,720	17,363	19,791	20,471
-42,971	-40,227	-36,752	-38,377	-37,368	-38,039	-29,789	-30,593	-27,511	-25,988	-23,841	-19,567
-39,174	-39,246	-45,532	-44,325	-45,278	-45,323	-49,298	-47,567	-47,325	-46,396	-48,787	-44,642
-39,174	-39,246	-45,532	-44,325	-45,278	-45,323	-49,298	-47,567	-47,325	-46,396	-48,787	-44,642
-6,611	-7,875	-5,033	-647	-4,132	-464	1,171	2,832	4,941	1,561	9,231	13,873
5,223	6,107	8,371	12,458	6,424	9,760	10,471	11,403	13,590	6,721	21,321	21,235
-11,791	-13,576	-13,328	-12,834	-10,515	-10,078	-8,942	-8,571	-8,467	-4,978	-12,090	-7,363
39,169	41,497	45,911	43,003	44,518	45,245	45,445	44,224	39,795	38,065	39,474	37,089
-3,401	-2,676	-3,003	-5,183	-3,846	-3,693	-4,501	-4,570	-5,485	-6,314	-8,214	-9,259
40,300	41,588	46,092	45,870	46,460	47,112	48,490	47,312	43,934	43,033	47,688	46,348
31,858	33,260	36,022	38,528	38,893	40,531	44,061	43,974	44,999	39,434	48,138	45,952
8,482	8,739	9,138	9,585	9,479	9,568	10,948	10,479	10,653	8,208	12,019	10,444
15,296	16,661	18,597	20,393	19,961	20,113	21,432	21,523	22,072	20,952	22,605	25,852
7,395	7,715	8,201	8,387	8,610	9,969	10,873	9,189	9,631	9,970	9,716	9,656
-	-	-	-	-	-	-	-	-	-	-	-
22,201	38,832	40,683	40,333	35,897	35,523	34,048	24,905	27,483	35,667	42,748	37,710
53,230	68,017	71,754	71,800	67,555	69,584	65,798	50,189	55,246	63,621	69,693	68,663
-	-	-	-	-	-	-	-	-	-	-	-
-31,028	-29,185	-31,070	-31,467	-31,657	-34,061	-31,750	-25,284	-27,764	-27,954	-26,945	-30,953
-10,892	-18,190	-18,930	-20,484	-18,985	-14,092	-9,590	-10,655	-12,390	-12,134	-10,994	-11,300
-3,798	-9,515	-9,557	-9,962	-9,554	-9,898	-10,468	-4,604	-4,190	-4,205	-4,427	-3,423
6,422	7,831	8,699	8,306	7,837	8,296	8,089	10,345	9,529	10,637	14,682	11,093
3,589	4,951	5,594	4,642	4,168	4,214	4,407	6,564	5,095	2,421	14,628	11,049
11	13	11	18	23	23	20	15	14	13	12	5
6	7	7	8	8	9	28	10	99	102	42	39
-	-	-	-	-	-	-	-	-	-	-	-
4,963	7,889	8,522	9,432	9,281	9,750	10,561	11,180	11,826	12,237	10,334	10,952
3,835	6,754	7,354	8,541	8,121	8,631	9,699	10,264	10,972	11,454	9,502	10,027
1,128	1,136	1,169	892	1,160	1,119	862	916	855	783	832	925
-	-	-	-	-	-	-	-	-	-	-	-
4,207	7,065	7,637	8,390	8,212	10,301	9,365	9,795	10,093	10,481	9,117	9,205
2,347	4,913	5,144	5,505	5,007	6,862	5,482	5,471	5,662	5,610	3,468	3,651
2	-	-	-	-	-	-	-	-	-	5	-
1,259	1,905	2,217	2,576	2,883	3,114	3,538	3,834	3,938	4,227	5,135	5,197
-	-	-	-	-	-	-	-	-	-	-	-

## Major Economic Indicators of Indonesia

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	148.30	163.04	168.99	171.99	175.06	178.23	181.32	184.32
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	58.82	77.35	86.31	91.80	100.14	109.15	118.90	127.48
Real Term (Billions of 2000 Price and 2000 PPP)	213.52	280.79	313.30	333.22	363.49	396.21	431.58	462.74
Nominal (Billions of Current USD)	78.01	87.34	75.93	88.79	101.46	114.43	128.17	139.12
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	397	474	511	534	572	612	656	692
Real Term (2000 Price and 2000 PPP)	1,440	1,722	1,854	1,937	2,076	2,223	2,380	2,511
Nominal (Current USD)	526	536	449	516	580	642	707	755
Nominal GDP & its Components (Billions of Current IDR) *1								
Gross Domestic Product	48,913	96,997	124,817	149,669	179,582	210,866	249,969	282,395
Household Final Consumption Expenditure, etc.	25,594	57,201	71,989	89,722	96,632	119,802	140,805	157,484
General Government Final Consumption Expenditure	5,148	10,893	11,764	12,756	15,698	18,649	20,785	24,731
Gross Fixed Capital Formation	10,550	22,041	31,418	38,356	47,706	59,758	67,488	72,774
Stock Change	1,223	5,077	6,269	4,815	10,773	4,911	11,387	13,294
Exports of Goods and Services	16,718	21,534	29,874	35,585	43,614	53,409	64,485	78,764
Imports of Goods and Services	9,886	19,835	27,956	31,566	38,443	50,046	60,248	70,481
Real GDP & its Components (Billions of 2000 IDR) *1								
Gross Domestic Product	495,380	651,453	726,896	773,095	843,328	919,241	1,001,309	1,073,609
Household Final Consumption Expenditure, etc.	226,405	400,070	412,618	381,759	410,237	480,808	519,128	535,202
General Government Final Consumption Expenditure	50,448	65,867	67,702	72,832	80,335	84,219	88,652	93,729
Gross Fixed Capital Formation	99,861	125,206	144,245	160,846	184,840	214,557	242,236	250,921
Stock Change	-5,472	-7,196	-8,030	-19,517	-19,820	-17,177	-15,250	-24,879
Exports of Goods and Services	275,262	204,959	270,667	273,516	291,947	301,744	358,404	407,545
Imports of Goods and Services	167,806	215,706	229,139	186,301	207,856	255,995	296,255	322,001
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	25.1	22.4	21.1	20.8	20.5	19.4	17.8	17.6
Industry	37.4	37.1	37.9	38.1	40.5	41.0	41.4	45.4
Services, etc.	36.5	39.5	40.2	40.4	38.3	39.1	40.4	36.9
Manufacturing Production Index (2000=100)	29.1	38.6	45.9	52.5	58.8	67.6	73.8	82.4
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	21.909	18.590	17.135	19.465	22.160	25.675	29.142	33.967
Imports, c.i.f.	10.834	10.262	12.891	13.249	16.444	21.837	25.869	27.280
Balance of Payments (Billions of Current USD) *2								
Trade Balance	N.A.	5.822	4.674	5.678	6.664	5.352	4.801	7.022
Current Account	N.A.	-1.923	-2.098	-1.397	-1.108	-2.988	-4.260	-2.780
Overall Balance	0.000	0.510	0.630	-0.113	0.495	2.251	1.528	2.070
Foreign Exchange Rate (IDR/USD) *1	626.99	1,110.58	1,643.85	1,685.70	1,770.06	1,842.81	1,950.32	2,029.92
Purchasing Power Parity (IDR/International Dollar) *1	424.27	495.88	544.37	593.40	628.84	652.19	685.78	706.31
Price Indices								
GDP Deflator (2000=100) *3	9.9	14.9	17.2	19.4	21.3	22.9	25.0	26.3
Wholesale Price Index (2000=100) *2	10.1	16.5	20.1	21.1	22.9	25.2	26.5	27.9
Consumer Price Index (2000=100) *2	12.6	20.1	23.2	25.1	26.7	28.7	31.4	33.8
Growth Rate (%) *3								
Real GDP	8.72	3.48	5.30	6.36	9.08	9.00	8.93	7.22
Population	2.09	1.85	1.79	1.78	1.78	1.81	1.73	1.66
Price								
Wholesale Price Index	26.8	5.0	19.2	4.9	8.6	10.0	5.1	5.2
Consumer Price Index	18.0	4.7	9.3	8.0	6.4	7.8	9.4	7.5

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: IDR shows Rupiah, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Indonesia (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
187.23	190.04	192.75	195.46	198.16	200.87	203.57	206.27	209.01	211.82	214.67	217.59	220.56
136.73	147.04	159.38	171.56	179.63	156.05	157.28	165.02	171.34	178.84	187.27	196.73	207.74
496.31	533.73	578.54	622.76	652.03	566.44	570.92	599.01	621.95	649.16	679.78	714.12	754.08
158.01	176.89	202.13	227.37	215.75	95.45	140.00	165.02	164.15	200.11	237.42	254.30	281.28
730	774	827	878	906	777	773	800	820	844	872	904	942
2,651	2,808	3,002	3,186	3,290	2,820	2,805	2,904	2,976	3,065	3,167	3,282	3,419
844	931	1,049	1,163	1,089	475	688	800	785	945	1,106	1,169	1,275
329,776	382,220	454,514	532,568	627,695	955,754	1,099,732	1,389,770	1,684,281	1,863,275	2,036,352	2,273,142	2,729,708
192,959	228,119	279,876	332,094	387,171	647,824	813,183	856,798	1,039,655	1,231,965	1,372,078	1,532,888	1,785,596
29,757	31,014	35,584	40,299	42,952	54,416	72,631	90,780	113,416	132,219	163,701	191,056	224,981
86,667	105,381	129,217	157,653	177,686	243,043	221,472	275,881	323,875	353,967	392,789	492,850	599,795
10,546	13,327	15,900	5,800	21,615	-82,716	-96,461	33,283	47,194	35,979	122,682	34,515	7,172
88,231	101,332	119,593	137,533	174,871	506,245	390,560	569,490	642,595	595,514	613,721	729,320	915,610
78,383	96,953	125,657	140,812	176,600	413,058	301,654	423,318	506,426	480,815	462,941	623,525	797,276
1,151,489	1,238,312	1,342,285	1,444,873	1,512,780	1,314,202	1,324,599	1,389,770	1,442,985	1,506,124	1,577,171	1,656,826	1,749,547
598,191	645,014	726,185	796,777	859,089	806,099	843,446	856,798	886,736	920,749	956,593	1,004,109	1,043,805
93,900	96,065	97,353	99,974	100,035	84,658	85,246	90,780	97,646	110,334	121,404	126,249	136,425
267,481	304,275	346,858	397,202	431,234	288,892	236,327	275,881	293,793	307,585	309,431	354,561	389,757
-16,270	-22,890	-24,459	-9,061	-5,156	9,854	14,846	34,283	41,847	13,085	45,997	23,502	4,324
432,437	475,428	512,137	550,855	593,821	660,229	450,243	569,490	573,164	566,188	599,516	680,466	739,007
335,443	403,522	488,016	521,517	598,264	566,615	336,143	423,318	441,012	422,271	428,875	544,962	612,254
16.8	15.7	15.1	14.5	14.0	15.9	16.1	15.6	15.6	15.5	15.4	15.3	14.5
41.7	43.2	44.0	45.2	45.4	45.0	45.5	45.9	45.4	45.4	45.1	44.6	44.0
41.1	40.9	40.8	40.3	40.6	39.1	38.4	38.5	38.9	39.1	39.5	40.2	41.5
91.6	107.7	119.8	125.7	115.9	94.7	96.5	100.0	98.9	91.9	113.6	117.4	118.9
36.823	40.055	45.417	49.814	56.298	50.370	51.243	65.403	57.361	59.166	64.108	70.768	86.226
28.328	31.983	40.630	42.929	51.304	35.280	33.321	43.595	37.534	38.340	42.246	54.877	69.498
8.231	7.901	6.533	5.948	10.075	18.429	20.643	25.042	22.696	23.513	24.563	20.152	22.323
-2.106	-2.792	-6.431	-7.663	-4.889	4.097	5.783	7.992	6.901	7.824	8.107	1.563	0.929
0.594	0.784	1.573	4.503	-8.137	-3.437	1.916	3.926	-0.015	4.958	3.647	-2.198	-5.610
2,087.10	2,160.75	2,248.61	2,342.30	2,909.38	10,013.62	7,855.15	8,421.78	10,260.85	9,311.19	8,577.13	8,938.85	9,704.74
751.76	793.48	853.08	911.26	1,008.96	1,748.99	1,968.23	2,320.11	2,644.37	2,754.56	2,817.47	2,917.34	3,220.48
28.6	30.9	33.9	36.9	41.5	72.7	83.0	100.0	116.7	123.7	129.1	137.2	156.0
28.9	30.5	33.9	36.6	39.9	80.5	88.9	100.0	113.0	118.0	122.0	131.0	151.0
37.1	40.3	44.0	47.6	50.5	80.0	96.4	100.0	104.4	124.7	133.0	141.3	156.0
7.25	7.54	8.40	7.64	4.70	-13.13	0.79	4.92	3.83	4.38	4.72	5.05	5.60
1.58	1.50	1.42	1.40	1.38	1.36	1.34	1.32	1.33	1.34	1.35	1.36	1.37
3.7	5.4	11.4	7.9	9.0	101.8	10.5	12.5	13.0	4.4	3.4	7.4	15.3
9.7	8.5	9.4	8.0	6.2	58.4	20.5	3.7	11.5	11.9	6.6	6.2	10.5

## Energy Price of Indonesia in 2005

## Currency Exchange Rate

	Local currency / US Dollar	
Currency Exchange Rate		
Local Currency Unit		

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal			Coking Coal			Coking Coal		
Anthracite			Anthracite			Anthracite		
Other bituminous coal	US\$ / t	131.3	Other bituminous coal	US\$ / t	36.5	Other bituminous coal	Rp / SBM	58,820.1
Sub-bituminous Coal			Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke			Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil			<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil	US\$ / bbl	53.7	Crude Oil	US\$ / bbl	53.7
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG			Ethane			Ethane		
Naphtha			LPG	US\$ / ribu ton	443.0	LPG	Rp / SBM	498,557.1
Motor Gasoline			Naphtha			Naphtha		
Aviation Gasoline			Motor Gasoline			Motor Gasoline	Rp / SBM	534,877.7
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline	Rp / SBM	2,265,262.0
Kerosene Type Jet Fuel			Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene			Kerosene Type Jet Fuel			Kerosene Type Jet Fuel	Rp / SBM	834,875.3
Gas/Diesel Oil			Other Kerosene			Other Kerosene	Rp / SBM	347,707.3
Fuel Oil			Gas/Diesel Oil			Gas/Diesel Oil	Rp / SBM	332,940 -443,496
White Spirit SBP			Fuel Oil			Fuel Oil		
Lubricants			White Spirit SBP			White Spirit SBP		
Bitumen			Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke			Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas			<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas			Natural Gas			Natural Gas		
Compressed Natural Gas			Liquefied Natural Gas	US\$ / MMBTU	7.2	Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity			Industrial	Rp / kWh	569.9
			<b>Other Energy Products</b>			Commercial	Rp / kWh	694.7
						Residential	Rp / kWh	563.1
						Others		
						<b>Other Energy Products</b>		

## 3.8 Japan

Energy Balance Table of Japan in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	567	-	794	-	-	-	-	-	-
<b>2 Import</b>	110,202	1,936	212,130	50,128	1,926	22,107	2,221	816	420
<b>3 Export</b>	-	-1,178	-	-8,643	-340	-6	-711	-297	-3,208
<b>4 International Marine Bunkers</b>	-	-	-	-6,155	-	-	-	-	-34
<b>5 Stock Changes</b>	-578	-	1,749	1,584	119	-106	-24	644	100
<b>6 Total Primary Energy Supply</b>	110,191	758	214,674	36,914	1,705	21,994	1,486	1,163	-2,723
<b>7 Transfers</b>	-	-	5,426	-	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-98,968	28,620	-220,051	186,907	45,955	16,048	9,261	23,236	34,570
<b>8.1 Main Activity Producer</b>	-50,947	-4,071	-5,916	-11,508	-	-	-	-145	-127
<b>8.2 Autoproducers</b>	-9,547	-2,876	-	-12,360	-	-1,402	-	-70	-
<b>8.3 Gas Processing</b>	-	-50	-	-1,596	-	-12	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-214,134	212,997	45,955	17,462	9,261	23,450	34,696
<b>8.5 Coal Transformation</b>	-38,474	35,618	-	-626	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-1	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-104	-2,884	-	-13,033	-	-38	-	-72	-50
<b>10. Discrepancy</b>	3,666	-4,030	-49	-3,935	721	-899	409	194	482
<b>11 Total Final Energy Consumption</b>	14,785	22,464	-	206,853	48,381	37,105	11,157	24,520	32,278
<b>12 Industry Sector</b>	14,785	21,468	-	72,206	103	37,105	-	6,139	3,906
<b>13 Transport Sector</b>	-	-	-	92,004	48,278	-	11,157	-	26,505
<b>14 Other Sector</b>	-	995	-	42,643	-	-	-	18,381	1,867
<b>14.1 Residential &amp; Commercial</b>	-	995	-	34,308	-	-	-	15,844	195
<b>14.2 Agriculture</b>	-	-	-	5,614	-	-	-	2,401	965
<b>14.3 Other</b>	-	-	-	2,721	-	-	-	135	707
<b>15 Non-energy</b>	-	-	-	5,297	-	-	-	-	-

Energy Balance Table of Japan in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	684	-	725	-	-	-	-	-	-
<b>2 Import</b>	109,749	2,179	210,520	50,898	2,133	22,697	2,567	1,180	464
<b>3 Export</b>	-	-1,550	-	-4,818	-148	-20	-462	-161	-1,482
<b>4 International Marine Bunkers</b>	-	-	-	-5,755	-	-	-	-	-9
<b>5 Stock Changes</b>	-	-	-1,246	78	-86	-134	5	-146	163
<b>6 Total Primary Energy Supply</b>	110,433	629	209,999	40,403	1,898	22,543	2,110	873	-865
<b>7 Transfers</b>	-	-	4,892	-	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-93,914	28,685	-214,567	184,184	45,774	15,398	8,588	22,086	33,395
<b>8.1 Main Activity Producer</b>	-46,040	-4,337	-4,749	-10,166	-	-6	-	-7	-158
<b>8.2 Autoproducers</b>	-9,143	-3,000	-	-12,466	-	-1,344	-	-67	-
<b>8.3 Gas Processing</b>	-	-74	-	-1,672	-	-22	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-209,817	209,040	45,774	16,771	8,588	22,160	33,553
<b>8.5 Coal Transformation</b>	-38,731	36,095	-	-553	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-1	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-128	-2,994	-	-12,935	-	-39	-	-95	-68
<b>10. Discrepancy</b>	-1,533	-3,270	-324	25	396	-1,175	529	-110	350
<b>11 Total Final Energy Consumption</b>	14,858	23,050	-	211,677	48,069	36,728	11,227	22,755	32,813
<b>12 Industry Sector</b>	14,858	22,019	-	78,569	115	36,728	-	6,434	4,065
<b>13 Transport Sector</b>	-	-	-	92,336	47,954	-	11,227	-	26,788
<b>14 Other Sector</b>	-	1,031	-	40,773	-	-	-	16,321	1,960
<b>14.1 Residential &amp; Commercial</b>	-	1,031	-	32,350	-	-	-	13,959	146
<b>14.2 Agriculture</b>	-	-	-	5,594	-	-	-	2,241	1,093
<b>14.3 Other</b>	-	-	-	2,828	-	-	-	122	721
<b>15 Non-energy</b>	-	-	-	5,634	-	-	-	-	-



Energy Balance Table of Japan in 2005 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	2,761	7,488	76,366	3,700	5,882	-	-	97,558		
3,677	15,284	-	-	3,677	67,722	-	-	-	-	-	-	442,118		
-3,151	-5	-	-	-924	-	-	-	-	-	-	-	-9,821		
-6,106	-	-	-	-15	-	-	-	-	-	-	-	-6,155		
265	576	-	-	10	-3	-	-	-	-	-	-	2,753		
-5,314	15,855	-	-	2,748	70,481	7,488	76,366	3,700	5,882	-	-	526,452		
-	-	-	-	-	-	-	-	-	-	-	-	5,426		
38,461	3,398	8,378	-	7,600	-44,476	-7,488	-76,366	-2,910	-6,441	99,063	659	-141,448		
-10,763	-474	-	-	-	-42,744	-6,941	-76,366	-2,597	-	82,737	659	-117,694		
-9,410	-80	-1,122	-	-276	-3,235	-546	-	-312	-6,427	16,326	-	-18,977		
-	-1,584	-	-	-	1,503	-	-	-	-	-	-	-143		
58,634	5,536	9,500	-	8,503	-	-	-	-	-	-	-	-1,137		
-	-	-	-	-626	-	-	-	-	-	-	-	-3,483		
-	-	-	-	-	-	-	-	-	-14	-	-	-14		
-2,109	-655	-8,397	-	-1,711	-1,822	-	-	-	-	-11,612	-	-29,455		
148	422	19	-	-5,432	2,093	0	-	-0	2,752	410	-65	841		
31,186	19,021	-	-	3,205	26,276	-	-	790	2,194	87,861	594	361,817		
13,223	8,525	-	-5,297	3,205	10,694	-	-	-	2,166	36,935	-	158,255		
4,813	1,251	-	-	-	-	-	-	-	-	1,851	-	93,856		
13,150	9,245	-	-	-	15,581	-	-	790	28	49,076	594	109,707		
9,023	9,245	-	-	-	15,581	-	-	697	28	48,745	594	100,948		
2,248	-	-	-	-	-	-	-	93	-	331	-	6,038		
1,879	-	-	-	-	-	-	-	-	-	-	-	2,721		
-	-	-	-	5,297	-	-	-	-	-	-	-	5,297		

Energy Balance Table of Japan in 2004 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	2,534	8,871	74,497	3,806	5,923	-	-	97,040		
2,524	15,857	-	-	3,476	66,757	-	-	-	-	-	-	440,103		
-1,739	-1	-	-	-804	-	-	-	-	-	-	-	-6,368		
-5,736	-	-	-	-10	-	-	-	-	-	-	-	-5,755		
216	49	-	-	11	-2	-	-	-	-	-	-	-1,170		
-4,735	15,905	-	-	2,673	69,289	8,871	74,497	3,806	5,923	-	-	523,850		
-	-	-	-	-	-	-	-	-	-	-	-	4,892		
39,887	2,972	8,071	-	8,012	-45,461	-8,871	-74,497	-3,043	-6,430	96,879	643	-136,392		
-9,698	-297	-	-	-	-45,139	-8,186	-74,497	-2,737	-	80,858	643	-114,349		
-9,894	-80	-941	-	-139	-2,068	-685	-	-305	-6,423	16,021	-	-18,070		
-	-1,650	-	-	-	1,746	-	-	-	-	-	-	-0		
59,479	4,999	9,013	-	8,703	-	-	-	-	-	-	-	-777		
-	-	-	-	-553	-	-	-	-	-	-	-	-3,188		
-	-	-	-	-	-	-	-	-	-7	-	-	-8		
-2,295	-693	-8,063	-	-1,684	-1,546	-	-	-	-	-11,087	-	-28,690		
-268	451	-9	-	-140	1,154	0	-	-0	2,752	649	-63	-610		
32,590	18,636	-	-	8,861	23,436	-	-	763	2,245	86,441	580	363,050		
14,035	8,332	-	-5,634	8,861	8,771	-	-	-	2,211	36,132	-	162,559		
5,055	1,312	-	-	-	-	-	-	-	-	1,920	-	94,255		
13,500	8,991	-	-	-	14,665	-	-	763	34	48,389	580	106,235		
9,254	8,991	-	-	-	14,665	-	-	667	34	48,068	580	97,396		
2,261	-	-	-	-	-	-	-	96	-	321	-	6,011		
1,985	-	-	-	-	-	-	-	-	-	-	-	2,828		
-	-	-	-	5,634	-	-	-	-	-	-	-	5,634		

## Major Energy Indicators of Japan

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	352,597	365,072	375,901	401,166	416,865	432,546	446,104	452,789	456,866
Indigenous Production	48,709	64,769	70,952	67,666	71,035	72,578	76,720	76,938	85,609
Import	319,945	311,332	318,646	340,523	361,349	376,440	384,593	391,110	391,322
Export	-16,707	-12,480	-12,708	-11,436	-13,366	-14,834	-16,505	-18,686	-20,020
Final Energy Consumption	252,650	257,526	266,120	285,715	294,920	305,094	315,963	318,537	319,447
Industry	131,376	124,842	124,437	134,008	138,785	140,776	144,606	141,094	142,093
Transport	52,317	55,640	59,443	62,750	66,865	70,090	73,024	75,534	75,848
Residential & Commercial	54,206	62,009	65,523	71,231	71,524	74,657	78,721	82,586	82,367
Agriculture	8,175	8,185	9,149	9,853	9,739	11,231	11,553	11,233	11,132
<b>Coal, Coal Products</b>									
Primary Energy Supply	63,565	73,023	66,538	74,867	74,388	75,641	77,477	75,467	76,636
Indigenous Production	12,522	10,424	7,402	7,431	6,782	5,890	5,197	4,392	4,146
Import	51,439	64,305	62,099	69,137	68,973	70,045	73,719	72,915	74,335
Export	-1,465	-1,553	-2,096	-1,921	-1,655	-1,039	-1,649	-1,882	-1,969
Transformation Sector	-20,520	-28,694	-29,492	-31,847	-31,232	-32,516	-33,528	-35,061	-36,061
Power Generation	-10,689	-20,221	-21,678	-23,292	-23,027	-24,751	-26,146	-27,941	-28,802
Final Energy Consumption	37,439	38,907	35,413	38,432	39,141	39,154	39,638	37,423	37,200
Industry	36,446	37,739	34,645	37,548	38,329	38,389	38,899	36,726	36,494
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	992	1,168	768	884	812	765	739	697	706
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	219,555	174,713	163,929	174,143	183,890	200,317	213,111	223,772	224,060
Indigenous Production	426	547	622	609	562	554	771	881	800
Import	219,405	173,672	162,467	169,936	183,783	200,267	212,455	219,939	223,398
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-216,698	-172,023	-161,621	-170,933	-180,518	-199,036	-210,806	-221,366	-220,833
Petroleum Refineries	-202,533	-160,698	-149,478	-154,722	-164,279	-180,435	-191,664	-203,252	-206,831
<b>Petroleum Products</b>									
Primary Energy Supply	14,099	31,312	48,380	56,545	56,068	48,789	40,204	36,216	29,610
Import	29,468	41,114	59,956	65,454	69,747	64,444	53,859	52,587	47,693
Export	-15,242	-10,927	-10,612	-9,514	-11,712	-13,795	-14,856	-16,805	-18,051
Transformation Sector	156,639	127,899	118,605	121,237	127,684	141,230	153,463	163,015	170,532
Power Generation	-42,852	-27,681	-25,332	-27,950	-30,159	-33,288	-31,318	-33,174	-28,988
Petroleum Refineries	203,921	159,102	147,500	152,796	161,934	178,475	188,898	200,296	203,770
Final Energy Consumption	158,787	153,149	161,690	173,729	178,512	183,505	190,060	193,344	193,200
Industry	65,073	55,111	57,307	61,770	63,842	63,618	65,235	64,113	65,308
Transport	51,008	54,251	57,988	61,215	65,255	68,395	71,283	73,756	74,062
Residential & Commercial	28,079	29,000	29,940	33,280	31,942	32,223	34,236	36,480	35,007
Agriculture	8,054	7,935	8,886	9,590	9,467	10,930	11,247	10,905	10,815
<b>Natural Gas</b>									
Primary Energy Supply	21,748	34,204	36,050	37,845	40,612	43,479	46,443	47,574	47,840
Indigenous Production	2,115	1,962	1,912	1,849	1,772	1,803	1,883	1,904	1,943
Import	19,633	32,242	34,124	35,996	38,846	41,684	44,561	45,670	45,897
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-11,602	-22,043	-22,877	-24,668	-25,174	-28,790	-30,808	-31,067	-30,412
Power Generation	-15,892	-25,981	-26,556	-28,532	-29,219	-32,457	-34,678	-35,055	-34,603
Final Energy Consumption	9,228	11,274	11,971	12,971	13,381	14,055	15,274	16,071	17,076
Industry	2,180	2,872	2,983	3,225	3,519	3,977	4,627	5,013	5,572
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	7,047	8,402	8,988	9,746	9,862	10,078	10,648	11,059	11,504
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	48,677	56,805	59,794	63,522	66,968	71,693	74,663	75,685	76,137
Thermal	19,325	9,758	3,594	10,541	10,110	12,842	11,505	11,540	2,795
Hydro	7,828	7,435	6,836	7,366	8,197	7,827	8,574	7,314	8,542
Nuclear	21,523	39,612	49,363	45,615	48,660	51,025	54,583	56,831	64,800
Final Energy Consumption	44,024	50,353	53,135	56,563	59,742	64,052	66,618	67,492	67,918
Industry	25,216	26,475	26,894	28,776	30,318	31,971	33,038	32,583	32,197
Transport	1,309	1,389	1,455	1,535	1,610	1,696	1,741	1,778	1,786
Residential & Commercial	17,395	22,266	24,551	26,016	27,567	30,115	31,576	32,849	33,664
Agriculture	104	223	235	236	247	270	263	282	272

## Major Energy Indicators of Japan (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
476,302	490,786	503,422	511,340	498,873	505,382	509,254	513,419	508,571	506,347	523,850	526,452
85,889	94,829	97,863	104,463	105,509	101,581	101,967	101,673	99,435	78,540	97,040	97,558
413,678	417,131	427,144	431,129	410,437	413,969	424,865	424,884	415,579	440,732	440,103	442,118
-21,805	-23,158	-20,412	-22,328	-21,023	-12,788	-18,018	-12,417	-11,480	-10,828	-6,368	-9,821
329,495	339,893	347,315	351,193	347,393	359,189	359,974	356,662	358,695	360,766	363,050	361,817
144,884	150,362	151,661	155,230	150,117	156,193	160,749	150,635	153,523	155,649	162,559	158,255
79,304	81,288	84,314	85,927	86,474	93,180	86,933	92,878	93,263	92,876	94,255	93,856
86,094	89,200	91,917	91,114	92,510	92,719	95,458	96,359	95,820	96,834	97,396	100,948
11,235	11,292	11,590	11,157	10,906	10,090	9,988	10,185	9,753	9,512	6,011	6,038
78,860	82,827	84,973	86,849	84,977	84,412	90,989	94,491	97,131	102,550	111,062	110,949
4,012	3,593	3,526	2,922	2,118	1,995	1,674	1,484	699	683	684	567
76,921	81,045	83,197	85,072	84,430	83,767	90,986	95,764	98,439	103,765	111,928	112,138
-2,081	-1,995	-1,637	-1,806	-1,661	-1,532	-1,488	-2,493	-2,144	-1,881	-1,550	-1,178
-38,616	-41,222	-44,380	-46,018	-46,836	-44,849	-49,618	-54,039	-56,312	-61,863	-65,229	-70,347
-31,580	-33,953	-36,373	-37,655	-38,841	-40,559	-44,901	-48,896	-51,737	-57,308	-62,520	-67,440
37,102	37,618	37,748	38,664	36,670	36,250	39,318	35,326	36,926	36,871	37,908	37,249
36,196	36,578	36,667	37,681	35,664	35,324	38,414	34,362	35,909	35,868	36,877	36,254
-	-	-	-	-	-	-	-	-	-	-	-
906	1,040	1,081	983	1,006	925	904	964	1,017	1,004	1,031	995
-	-	-	-	-	-	-	-	-	-	-	-
237,445	234,712	232,179	237,160	226,231	219,788	218,284	213,495	205,976	215,018	209,999	214,674
764	758	736	741	696	635	642	660	628	712	725	794
237,404	234,050	230,932	238,053	223,210	216,699	216,923	213,965	203,935	215,047	210,520	212,130
-	-	-	-	-	-	-	-	-	-	-	-
-234,851	-231,024	-231,140	-235,091	-225,344	-219,554	-218,532	-212,673	-205,934	-214,562	-214,567	-220,051
-215,914	-215,641	-216,388	-223,015	-217,086	-211,194	-210,772	-207,802	-201,383	-208,572	-209,817	-214,134
29,549	32,742	38,374	31,121	27,309	41,842	37,546	40,840	45,221	42,352	40,403	36,914
50,019	52,010	58,717	52,593	45,136	53,112	54,172	50,093	51,059	52,636	50,898	50,128
-19,725	-21,163	-18,775	-20,521	-19,362	-11,255	-16,529	-9,924	-9,336	-8,947	-4,818	-8,643
175,828	178,448	179,802	188,989	184,050	189,057	187,346	187,605	183,385	185,463	184,184	186,907
-32,888	-29,361	-28,839	-26,559	-25,812	-25,162	-24,516	-22,214	-21,380	-25,777	-22,631	-23,868
212,765	211,914	212,606	219,453	213,565	218,056	215,580	213,014	207,584	213,654	209,040	212,997
198,701	205,895	209,463	209,971	207,140	218,018	211,417	214,922	212,943	213,431	211,677	206,853
67,345	71,062	70,974	71,844	69,687	75,715	74,943	72,893	72,270	73,656	78,569	72,206
77,448	79,465	82,462	84,064	84,598	91,303	85,058	90,995	91,417	91,001	92,336	92,004
35,077	36,709	37,029	35,569	34,984	34,325	35,007	34,675	33,597	33,789	32,350	34,308
10,853	10,908	11,166	10,730	10,485	9,667	9,564	9,754	9,322	9,089	5,594	5,614
51,339	51,975	56,262	57,419	59,690	62,394	64,940	67,281	64,395	71,782	69,289	70,481
2,005	1,948	1,967	2,010	2,029	2,005	2,157	2,217	2,261	2,500	2,534	2,761
49,334	50,027	54,299	55,410	57,661	60,391	62,784	65,063	62,146	69,284	66,757	67,722
-	-	-	-	-	-	-	-	-	-	-	-
-32,714	-33,261	-35,007	-36,592	-37,763	-40,889	-42,175	-43,115	-41,266	-44,481	-45,461	-44,476
-36,731	-37,355	-39,184	-40,571	-41,599	-44,384	-45,970	-46,488	-44,321	-47,211	-47,207	-45,979
17,638	18,479	19,618	20,041	20,445	20,840	22,242	19,793	21,898	23,156	23,436	26,276
6,034	6,471	6,903	7,444	7,587	7,885	8,618	5,739	7,774	8,368	8,771	10,694
-	-	-	-	-	-	-	-	-	-	-	-
11,604	12,008	12,715	12,597	12,859	12,954	13,624	14,054	14,124	14,788	14,665	15,581
-	-	-	-	-	-	-	-	-	-	-	-
80,803	82,828	85,268	87,356	88,444	87,890	92,239	90,297	90,449	91,218	96,879	99,063
7,019	683	675	-4,113	-5,416	-2,475	1,432	-729	901	22,748	13,511	15,210
6,140	7,124	7,037	7,624	8,567	7,581	7,479	7,353	7,483	8,426	8,871	7,488
67,643	75,021	77,556	83,845	85,293	82,784	83,328	83,673	82,064	60,044	74,497	76,366
72,145	73,825	76,374	78,297	79,220	80,196	82,912	82,811	83,163	83,713	86,441	87,861
32,973	33,823	34,677	35,740	34,896	34,951	36,289	35,396	35,314	35,616	36,132	36,935
1,856	1,823	1,853	1,863	1,876	1,877	1,875	1,883	1,846	1,875	1,920	1,851
36,986	37,876	39,521	40,375	42,131	43,045	44,420	45,197	45,669	45,898	48,068	48,745
331	304	323	319	317	323	328	335	334	324	321	331

## Major Economic Indicators of Japan

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	116.78	120.75	122.09	122.61	123.12	123.54	123.92	124.23
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	2,793.07	3,253.07	3,476.43	3,711.60	3,907.98	4,111.25	4,249.01	4,290.31
Real Term (Billions of 2000 Price and 2000 PPP)	1,988.31	2,315.78	2,474.78	2,642.19	2,781.98	2,926.69	3,024.75	3,054.15
Nominal (Billions of Current USD)	1,055.21	1,346.73	2,420.03	2,938.38	2,940.14	3,018.11	3,451.28	3,766.88
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	23,917	26,940	28,474	30,271	31,742	33,280	34,288	34,535
Real Term (2000 Price and 2000 PPP)	17,026	19,178	20,270	21,549	22,596	23,691	24,409	24,585
Nominal (Current USD)	9,036	11,153	19,822	23,965	23,881	24,431	27,851	30,322
Nominal GDP & its Components (Billions of Current JPY) *1								
Gross Domestic Product	239,258	321,244	350,027	376,558	405,634	437,000	464,910	477,081
Household Final Consumption Expenditure, etc.	129,366	173,010	188,659	199,336	213,586	229,542	242,565	252,843
General Government Final Consumption Expenditure	33,612	44,929	49,337	51,617	54,716	58,567	62,666	66,144
Gross Fixed Capital Formation	77,058	90,164	101,042	114,744	128,163	142,233	149,051	146,776
Stock Change	1,483	2,172	464	2,751	3,071	2,617	3,278	1,037
Exports of Goods and Services	32,817	46,177	36,180	37,431	42,273	45,863	46,668	47,288
Imports of Goods and Services	35,036	35,137	25,619	29,191	36,036	41,690	39,121	36,891
Real GDP & its Components (Billions of 2000 JPY) *1								
Gross Domestic Product	300,997	350,569	374,639	399,982	421,145	443,051	457,896	462,347
Household Final Consumption Expenditure, etc.	168,654	195,497	210,340	220,571	231,209	241,806	248,755	255,271
General Government Final Consumption Expenditure	44,477	53,064	57,029	59,106	60,802	62,747	65,301	66,954
Gross Fixed Capital Formation	83,014	90,069	101,885	115,092	124,874	134,759	137,827	134,533
Stock Change	5,420	8,940	2,069	12,972	14,540	11,710	14,801	5,039
Exports of Goods and Services	22,842	31,472	29,301	30,855	33,740	36,001	37,487	38,956
Imports of Goods and Services	17,766	19,655	22,672	26,872	31,415	33,871	33,502	33,280
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	3.1	2.9	2.8	2.5	2.5	2.3	2.0	2.0
Industry	36.6	35.6	35.1	35.7	36.0	37.0	36.9	35.8
Services, etc.	60.4	61.6	62.1	61.8	61.5	60.7	61.1	62.1
Industrial Production Index (2000=100) *2	66.4	78.7	81.3	88.9	94.0	98.0	99.8	94.1
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	130.441	177.164	231.286	264.856	273.932	287.581	314.786	339.885
Imports, c.i.f.	141.296	130.488	151.033	187.378	209.715	235.368	236.999	233.246
Balance of Payments (Billions of Current USD) *2								
Trade Balance	2.130	55.292	91.583	92.242	80.122	69.283	96.084	124.764
Current Account	-10.750	51.129	84.351	79.249	63.215	44.078	68.204	112.574
Overall Balance	5.026	-0.500	38.050	17.560	-13.050	-9.090	-8.389	0.620
Foreign Exchange Rate (JPY/USD) *1	226.7408	238.5358	144.6375	128.1517	137.9644	144.7925	134.7067	126.6513
Purchasing Power Parity (JPY/International Dollar) *1	222.8554	199.1273	193.2654	188.2821	185.5866	182.9745	181.9874	180.7907
Price Indices								
GDP Deflator (2000=100) *3	79.5	91.6	93.4	94.1	96.3	98.6	101.5	103.2
Wholesale Price Index (2000=100) *2	113.4	114.0	105.2	104.7	106.7	108.3	109.4	108.4
Consumer Price Index (2000=100) *2	75.2	86.2	86.8	87.3	89.3	92.1	95.1	96.7
Growth Rate (%) *3								
Real GDP	2.82	5.08	3.79	6.76	5.29	5.20	3.35	0.97
Population	0.79	0.61	0.49	0.43	0.41	0.34	0.31	0.25
Price								
Wholesale Price Index	15.0	-0.8	-3.1	-0.6	1.9	1.5	1.0	-0.9
Consumer Price Index	7.8	2.0	0.1	0.6	2.3	3.1	3.3	1.7

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: JPY shows Yen, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Japan (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
124.54	124.96	125.44	125.76	126.09	126.41	126.65	126.87	127.15	127.45	127.72	127.76	127.77
4,300.93	4,348.18	4,430.74	4,544.66	4,607.76	4,526.84	4,516.87	4,649.62	4,667.51	4,673.75	4,756.78	4,866.29	4,992.81
3,061.71	3,095.35	3,154.12	3,235.22	3,280.14	3,222.53	3,215.44	3,309.94	3,322.67	3,327.12	3,386.22	3,464.18	3,554.25
4,323.79	4,760.17	5,244.25	4,620.46	4,233.78	3,842.26	4,347.65	4,649.62	4,087.72	3,904.83	4,231.25	4,584.89	4,534.04
34,536	34,796	35,322	36,137	36,543	35,811	35,664	36,649	36,709	36,672	37,244	38,088	39,075
24,585	24,771	25,145	25,725	26,014	25,493	25,388	26,089	26,132	26,106	26,513	27,114	27,817
34,719	38,093	41,807	36,740	33,577	30,395	34,328	36,649	32,149	30,639	33,129	35,886	35,485
480,796	486,526	493,272	502,609	512,249	502,973	495,227	501,068	496,777	489,618	490,544	496,051	499,734
258,816	267,142	271,396	277,718	283,437	281,497	282,764	282,596	283,324	282,387	281,372	284,922	N.A.
68,990	71,559	74,652	77,331	78,956	80,303	82,188	84,866	87,010	88,196	88,374	89,075	N.A.
142,002	138,670	138,089	142,813	141,459	130,184	126,415	126,511	122,649	114,047	112,489	113,369	N.A.
305	-728	2,176	2,208	2,639	1,544	-4,032	-220	621	-1,424	333	-942	N.A.
44,109	44,270	45,230	49,561	56,074	55,051	51,144	55,256	52,567	55,829	58,882	66,286	N.A.
33,344	34,387	38,272	47,022	50,316	45,607	43,251	47,940	49,393	49,417	50,907	56,660	N.A.
463,492	468,584	477,481	489,757	496,557	487,837	486,762	501,068	502,996	503,669	512,616	524,418	538,053
258,769	265,735	270,558	276,798	278,945	276,672	279,642	282,596	286,504	289,742	291,359	296,996	N.A.
68,974	71,196	73,985	76,109	76,751	78,155	81,389	84,866	87,389	89,478	91,533	93,379	N.A.
130,755	128,737	129,920	136,004	134,521	125,841	124,969	126,511	125,378	119,088	119,487	120,832	N.A.
1,209	-3,059	12,186	12,442	14,665	9,042	-22,573	-220	4,283	-7,552	2,369	-4,036	N.A.
38,925	40,308	42,035	44,633	49,695	48,512	49,256	55,256	51,547	55,447	60,448	68,846	N.A.
32,808	35,412	40,108	45,376	45,676	42,609	44,172	47,940	48,371	48,797	50,713	55,008	N.A.
1.9	1.9	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.8	1.7	1.6	N.A.
34.8	33.6	33.2	33.4	33.5	32.4	32.4	32.4	30.9	30.2	30.6	30.8	N.A.
63.3	64.4	65.0	64.8	64.8	65.8	65.7	65.7	67.2	67.8	67.5	67.4	N.A.
90.8	92.0	95.5	97.7	101.2	94.5	94.8	100.0	93.7	92.6	95.4	100.5	101.7
362.244	397.005	443.116	410.901	420.957	387.927	417.610	479.249	403.496	416.726	471.817	565.675	594.905
241.624	275.235	335.882	349.152	338.754	280.484	309.995	379.511	349.089	337.194	382.930	454.542	514.922
139.417	144.191	131.787	83.585	101.600	122.389	123.325	116.716	70.214	93.829	106.396	132.134	93.958
131.637	130.255	111.044	65.792	96.814	118.749	114.604	119.660	87.798	112.447	136.216	172.059	165.783
27.473	25.265	58.611	35.141	6.567	-6.164	76.256	48.955	40.487	46.134	187.153	160.854	22.325
111.1978	102.2078	94.0596	108.7791	120.9909	130.9053	113.9068	107.7655	121.5289	125.3880	115.9335	108.1926	110.2182
177.6667	174.1575	169.8190	165.5446	163.6752	161.7867	157.3728	151.3830	145.9945	141.2270	136.2511	131.2365	125.0874
103.7	103.8	103.3	102.6	103.2	103.1	101.7	100.0	98.8	97.2	95.7	94.6	92.9
106.7	104.9	104.1	102.4	103.0	101.5	100.0	100.0	97.7	95.7	95.0	96.1	97.7
98.0	98.6	98.5	98.6	100.4	101.1	100.7	100.0	104.4	98.4	98.1	98.1	97.8
0.25	1.10	1.90	2.57	1.39	-1.76	-0.22	2.94	0.38	0.13	1.78	2.30	2.60
0.25	0.34	0.38	0.26	0.26	0.25	0.19	0.17	0.22	0.23	0.21	0.03	0.01
-1.5	-1.7	-0.8	-1.6	0.7	-1.5	-1.5	0.1	-2.3	-2.1	-0.8	1.2	1.7
1.3	0.7	-0.1	0.1	1.8	0.7	-0.3	-0.7	-0.8	-0.9	-0.2	0.0	-0.3

## Energy Price of Japan in 2005

## Currency Exchange Rate

	Local currency /	
Currency Exchange Rate	US Dollar	112.79
Local Currency Unit		Yen

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal	Yen / t	11,021.0	Coking Coal			Coking Coal		
Anthracite			Anthracite			Anthracite		
Other bituminous coal	Yen / t	7,230.0	Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal			Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke			Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil	Yen / kl	39,580.0	<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG	Yen / t	57,035.0	Ethane			Ethane		
Naphtha	Yen / kl	40,336.0	LPG	Yen / kg	110.3	LPG	Yen / m3	611.1
Motor Gasoline			Naphtha	Yen / kl	39,301.0	Naphtha		
Aviation Gasoline			Motor Gasoline	Yen / kl	109,283.0	Motor Gasoline	Yen / l	128.0
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline		
Kerosene Type Jet Fuel			Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene			Kerosene Type Jet Fuel			Kerosene Type Jet Fuel		
Gas/Diesel Oil			Other Kerosene	Yen / kl	56,850.0	Other Kerosene	Yen / l	75.2
Fuel Oil	Yen / kl	39,325.0	Gas/Diesel Oil	Yen / kl	88,192.0	Gas/Diesel Oil	Yen / l	104.0
White Spirit SBP			Fuel Oil	Yen / kl	36,088.0	Fuel Oil		
Lubricants			White Spirit SBP			White Spirit SBP		
Bitumen			Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke			Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas			<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas	Yen / t	37,291.0	Natural Gas			Natural Gas		
Compressed Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity			Industrial		
			<b>Other Energy Products</b>			Commercial		
						Residential		
						Others		
						<b>Other Energy Products</b>		

## Original Table (Quarterly) of Japan in 2006

Coal		Unit: 10 <sup>3</sup> ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	-	15,095	-	-
	FEB.	-	14,128	-	-
	MAR.	-	14,768	-	-
	<b>1st quarter</b>	-	43,991	-	-
	APR.	-	13,066	-	-
	MAY.	-	14,686	-	-
	JUN.	-	15,105	-	-
	<b>2nd quarter</b>	-	42,857	-	-
	JUL.	-	15,801	-	-
	AUG.	-	15,947	-	-
	SEP.	-	13,640	-	-
	<b>3rd quarter</b>	-	45,388	-	-
	OCT.	-	15,068	-	-
	NOV.	-	14,118	-	-
	DEC.	-	15,623	-	-
	<b>4th quarter</b>	-	44,809	-	-
		-	177,045	-	-

Oil		Unit: 1,000kL						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	92	21,377	-	-1,784	4,983	1,447	-291
	FEB.	82	21,277	-	483	5,145	1,252	-70
	MAR.	83	24,382	-	1,643	4,855	1,697	-337
	<b>1st quarter</b>	257	67,036	-	342	14,983	4,396	-699
	APR.	73	20,911	-	-1,600	4,527	1,941	183
	MAY.	68	19,612	-	999	4,029	1,690	731
	JUN.	67	16,596	-	146	4,680	2,000	425
	<b>2nd quarter</b>	207	57,119	-	-455	13,235	5,631	1,340
	JUL.	70	19,881	-	1,241	4,566	2,334	251
	AUG.	68	20,011	-	-270	3,988	2,156	1,313
	SEP.	66	19,552	-	-1,018	4,535	2,365	925
	<b>3rd quarter</b>	203	59,444	-	-47	13,089	6,855	2,489
	OCT.	67	18,910	-	282	4,432	1,881	-248
	NOV.	74	19,529	-	443	4,212	1,846	-891
	DEC.	88	21,101	-	332	4,600	1,548	-1,589
	<b>4th quarter</b>	229	59,540	-	1,056	13,244	5,275	-2,729
		897	243,139	-	897	54,552	22,157	401

Original Table (Quarterly) of Japan in 2006 (Continued)

## Natural Gas ( or LNG)

Unit: 1,000CM

	Production	Imports	Exports	Stock Changes
<b>2006</b> JAN.	334,792	6,704,142	-	-5,555
FEB.	299,689	5,406,941	-	-3,650
MAR.	305,911	6,379,912	-	-1,154
<b>1st quarter</b>	940,392	18,490,996	-	-10,359
APR.	269,332	5,267,755	-	-5,922
MAY.	238,355	5,879,776	-	3,520
JUN.	245,124	7,669,920	-	-7,359
<b>2nd quarter</b>	752,811	18,817,450	-	-9,761
JUL.	261,582	7,663,449	-	-9,832
AUG.	251,491	8,503,922	-	-4,542
SEP.	241,527	7,260,526	-	-7,456
<b>3rd quarter</b>	754,600	23,427,897	-	-21,830
OCT.	278,952	8,446,162	-	-576
NOV.	336,423	7,537,519	-	-4,080
DEC.	358,969	8,098,012	-	-3,442
<b>4th quarter</b>	974,344	24,081,693	-	-8,098
	3,422,147	84,818,035	-	-50,048

## Electricity

Unit: GWh

	Gross Generation					Imports	Exports
	Total	Thermal	Hydro	Nuclear	Others		
<b>2006</b> JAN.	87,554	56,911	4,267	26,102	273	-	-
FEB.	78,821	50,362	4,828	23,380	251	-	-
MAR.	81,921	46,559	7,376	27,718	267	-	-
<b>1st quarter</b>	248,295	153,832	16,471	77,201	792	-	-
APR.	74,566	39,810	8,682	25,821	253	-	-
MAY.	74,057	37,692	11,267	24,869	228	-	-
JUN.	77,367	42,497	9,669	24,964	238	-	-
<b>2nd quarter</b>	225,990	119,999	29,618	75,655	719	-	-
JUL.	87,741	49,108	10,838	27,533	262	-	-
AUG.	94,167	57,355	8,566	28,001	245	-	-
SEP.	79,933	47,867	7,167	24,747	151	-	-
<b>3rd quarter</b>	261,840	154,330	26,571	80,281	658	-	-
OCT.	77,517	47,987	5,872	23,447	212	-	-
NOV.	76,479	48,759	4,998	22,491	232	-	-
DEC.	87,874	52,904	5,859	25,935	255	-	-
<b>4th quarter</b>	241,871	149,650	16,729	71,872	698	-	-
	977,997	577,811	89,389	305,008	2,867	-	-

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.



## 3.9 Republic of Korea

## Energy Balance Table of Republic of Korea in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	1,214	-	350	1,293	630	-	-	-	-
2 Import	46,671	222	116,619	21,457	6	15,660	-	56	307
3 Export	-	-	-2	-35,579	-1,821	-3,263	-7,324	-601	-11,918
4 International Marine Bunkers	-	-	-	-9,905	-1	-	-	-	-1,105
5 Stock Changes	1,355	-	935	1,369	57	-137	226	251	484
6 Total Primary Energy Supply	49,240	222	117,902	-21,366	-1,129	12,260	-7,098	-294	-12,232
7 Transfers	-	-	-	56	16	-	29	-98	12
8 Total Transformation Sector	-45,322	4,183	-124,842	118,469	9,260	22,360	11,454	5,944	32,598
8.1 Main Activity Producer	-29,221	-	-	-4,592	-	-	-	-91	-18
8.2 Autoproducers	-1,460	-2,392	-	-638	-	-	-	-17	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-124,842	123,894	9,260	22,360	11,454	6,052	32,623
8.5 Coal Transformation	-14,641	6,575	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-195	-	-	-	-	-7
9. Loss & Own Use	-	-20	-	-4,866	-	-25	-	-8	-14
10. Discrepancy	-30	-222	6,940	-7,481	-690	-5,524	-42	-140	-552
11 Total Final Energy Consumption	3,888	4,163	-	84,812	7,457	29,071	4,343	5,404	19,813
12 Industry Sector	3,888	3,209	-	40,060	-	29,071	2	335	960
13 Transport Sector	-	-	-	31,933	7,457	-	3,707	16	15,373
14 Other Sector	-	953	-	12,819	-	-	634	5,053	3,480
14.1 Residential & Commercial	-	953	-	9,205	-	-	2	4,634	1,224
14.2 Agriculture	-	-	-	1,429	-	-	-	405	898
14.3 Other	-	-	-	2,185	-	-	632	14	1,357
15 Non-energy	-	-	-	32,215	-	29,071	-	36	-

## Energy Balance Table of Republic of Korea in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	1,367	-	265	963	515	-	-	-	-
2 Import	49,790	446	116,060	23,436	142	16,583	28	186	644
3 Export	-	-	-7	-32,130	-2,305	-3,941	-6,113	-1,039	-9,459
4 International Marine Bunkers	-	-	-	-6,956	-	-	-	-	-915
5 Stock Changes	-1,527	-	1,075	-973	22	-612	-113	270	-220
6 Total Primary Energy Supply	49,630	446	117,392	-15,661	-1,625	12,030	-6,198	-583	-9,950
7 Transfers	-	-	-	56	21	-	62	-115	-29
8 Total Transformation Sector	-45,211	4,015	-120,198	114,079	9,470	21,243	10,293	6,782	30,042
8.1 Main Activity Producer	-29,288	-	-	-4,745	-	-	-	-108	-27
8.2 Autoproducers	-1,474	-2,574	-	-632	-	-	-	-5	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-120,198	119,685	9,470	21,243	10,293	6,896	30,070
8.5 Coal Transformation	-14,450	6,589	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-229	-	-	-	-1	-1
9. Loss & Own Use	-	-216	-	-4,725	-	-31	-	-15	-17
10. Discrepancy	-9	144	2,805	-7,178	-571	-6,134	20	-154	173
11 Total Final Energy Consumption	4,410	4,389	-	86,571	7,294	27,108	4,177	5,916	20,219
12 Industry Sector	4,410	3,732	-	39,115	-	27,108	2	373	885
13 Transport Sector	-	-	-	34,306	7,294	-	3,550	19	15,683
14 Other Sector	-	657	-	13,150	-	-	625	5,524	3,650
14.1 Residential & Commercial	-	657	-	9,430	-	-	2	5,064	1,263
14.2 Agriculture	-	-	-	1,504	-	-	-	448	940
14.3 Other	-	-	-	2,217	-	-	623	11	1,448
15 Non-energy	-	-	-	30,890	-	27,108	-	29	-

Energy Balance Table of Republic of Korea in 2005 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	662	441	446	38,251	50	2,114	-	-	44,158	
596	4,831	-	-	-	26,112	-	-	-	26	-	-	211,106	
-8,097	-70	-	-	-2,486	-	-	-	-	-	-	-	-35,581	
-8,798	-	-	-	-	-	-	-	-	-	-	-	-9,905	
343	123	-	-	22	863	-	-	-	-	-	-	4,522	
-15,956	4,884	-	-	-1,802	27,415	446	38,251	50	2,141	-	-	214,300	
155	-58	-	-	-	-	-	-	-	-	-	-	56	
25,568	4,082	2,299	-	4,905	-11,076	-446	-38,251	-12	-355	33,484	4,622	-59,546	
-3,821	-	-	-	-662	-10,485	-446	-38,251	-11	-41	31,200	1,536	-50,310	
-621	-	-	-	-	-591	-	-	-2	-306	2,283	3,086	-19	
-	-	-	-	-	0	-	-	-	-	-	-	0	
30,053	4,082	2,299	-	5,712	-	-	-	-	-	-	-	-948	
-	-	-	-	-	-	-	-	-	-	-	-	-8,067	
-43	-	-	-	-145	-	-	-	-	-8	-	-	-203	
-2,425	-	-2,299	-	-94	-489	-	-	-	-	-3,021	-90	-8,486	
-232	-236	-	-	-65	136	-	-	0	-0	247	-12	-422	
7,109	8,672	-	-	2,944	15,986	-	-	37	1,786	30,709	4,520	145,902	
4,453	1,755	-	-1,847	2,286	4,168	-	-	0	1,465	15,820	2,869	71,480	
568	4,217	-	-	595	323	-	-	-	-	177	-	32,434	
890	2,700	-	-63	63	11,495	-	-	37	321	14,712	1,652	41,988	
735	2,546	-	-	63	11,470	-	-	37	321	14,110	1,652	37,747	
120	6	-	-	-	24	-	-	-	-	455	-	1,908	
35	148	-	-63	-	-	-	-	-	-	148	-	2,333	
-	1,198	-	-	1,910	-	-	-	-	-	-	-	32,215	

Energy Balance Table of Republic of Korea in 2004 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	448	-	506	34,064	42	1,981	-	-	39,189	
1,187	4,644	-	-	22	25,920	-	-	-	26	-	-	215,678	
-6,563	-94	-	-	-2,617	-	-	-	-	-	-	-	-32,137	
-6,041	-	-	-	-	-	-	-	-	-	-	-	-6,956	
-207	-70	-	-	-43	-632	-	-	-	-	-	-	-2,058	
-11,625	4,480	-	-	-2,190	25,288	506	34,064	42	2,007	-	-	213,716	
144	-62	-	-	35	-	-	-	-	-	-	-	56	
23,880	4,200	2,382	-	5,787	-10,595	-506	-34,064	-5	-326	31,662	4,426	-56,723	
-4,163	-	-	-	-448	-9,944	-506	-34,064	-3	-48	29,169	1,379	-48,051	
-627	-	-	-	-	-650	-	-	-2	-275	2,493	3,047	-67	
-	-	-	-	-	-0	-	-	-	-	-	-	-0	
28,721	4,200	2,382	-	6,410	-	-	-	-	-	-	-	-512	
-	-	-	-	-	-	-	-	-	-	-	-	-7,860	
-52	-	-	-	-175	-	-	-	-	-3	-	-	-232	
-2,191	-	-2,391	-	-81	-1,124	-	-	-	-	-2,857	-83	-9,005	
-131	-285	9	-	-106	944	-	-	-	-11	258	-0	-3,046	
10,078	8,334	-	-	3,445	14,514	-	-	37	1,670	29,063	4,343	144,997	
5,004	1,662	-	-2,494	2,921	3,941	-	-	0	1,348	15,248	2,894	70,688	
3,160	4,102	-	-	497	228	-	-	-	-	213	-	34,747	
755	2,570	-	-27	27	10,345	-	-	37	322	13,602	1,449	39,562	
604	2,470	-	-	27	10,323	-	-	37	322	13,042	1,449	35,259	
111	5	-	-	-	22	-	-	-	-	420	-	1,947	
39	95	-	-27	-	-	-	-	-	-	140	-	2,356	
-	1,159	-	-	2,593	-	-	-	-	-	-	-	30,890	

## Major Energy Indicators of Republic of Korea

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	38,321	52,892	66,039	74,951	79,470	93,388	100,711	111,998	125,663
Indigenous Production	9,215	14,547	21,312	21,143	21,621	22,622	22,331	20,546	20,214
Import	29,598	43,008	51,424	59,143	65,110	73,840	91,376	110,575	126,622
Export	-10	-3,567	-4,499	-4,237	-4,783	-3,730	-9,695	-12,816	-14,355
Final Energy Consumption	35,685	43,496	52,239	57,790	62,817	65,068	72,348	81,934	90,026
Industry	15,567	17,822	21,902	25,027	27,416	25,798	31,013	37,152	40,717
Transport	4,672	6,375	8,815	10,214	11,659	14,928	16,776	18,696	21,097
Residential & Commercial	12,956	17,403	19,042	19,857	20,721	21,593	21,402	22,659	24,354
Agriculture	17	846	1,205	1,400	1,555	1,679	1,852	2,102	2,341
<b>Coal, Coal Products</b>									
Primary Energy Supply	12,539	21,542	23,115	26,302	24,836	25,558	25,168	22,266	24,918
Indigenous Production	8,139	9,851	10,607	10,386	8,886	7,576	6,580	4,699	3,812
Import	4,689	12,354	13,172	15,283	15,605	15,725	19,143	19,384	23,423
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-734	-3,878	-3,667	-4,367	-4,157	-13,163	-13,196	-12,246	-14,581
Power Generation	-734	-3,878	-3,667	-4,367	-4,157	-5,955	-6,276	-6,877	-8,819
Final Energy Consumption	11,805	17,043	18,789	19,537	19,111	11,717	10,505	8,450	7,846
Industry	3,471	6,166	7,614	8,849	9,750	3,052	3,756	3,435	4,345
Transport	2	-	-	-	-	-	-	-	-
Residential & Commercial	8,332	10,877	11,175	10,688	9,360	8,665	6,748	5,015	3,502
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	22,901	27,596	30,080	36,330	41,247	43,245	55,087	70,408	77,264
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	22,901	27,596	30,080	36,330	41,247	42,678	55,264	70,497	77,581
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-22,534	-27,988	-29,350	-35,682	-41,290	-41,841	-55,823	-69,110	-73,296
Petroleum Refineries	-22,534	-27,988	-29,350	-35,682	-41,290	-41,841	-55,823	-69,110	-73,296
<b>Petroleum Products</b>									
Primary Energy Supply	1,805	-942	246	-884	-1,716	6,790	1,528	-599	1,889
Import	2,008	3,057	6,207	5,120	5,906	12,733	13,718	16,669	20,393
Export	-10	-3,567	-4,499	-4,237	-4,783	-3,730	-9,695	-12,816	-14,355
Transformation Sector	18,038	22,821	26,759	31,802	36,742	38,825	52,165	64,413	69,895
Power Generation	-6,639	-4,249	-1,130	-2,638	-3,226	-4,274	-5,959	-7,449	-7,012
Petroleum Refineries	24,692	27,155	27,973	34,529	40,117	43,100	58,124	71,861	76,907
Final Energy Consumption	21,052	22,015	27,742	31,494	36,010	43,821	51,176	61,393	68,291
Industry	10,143	8,883	10,650	12,015	13,135	17,419	21,348	27,276	29,164
Transport	4,636	6,313	8,741	10,133	11,576	14,841	16,682	18,595	20,988
Residential & Commercial	3,800	4,975	5,943	6,764	8,403	8,938	10,141	12,281	14,472
Agriculture	-	794	1,133	1,288	1,429	1,553	1,699	1,916	2,150
<b>Natural Gas</b>									
Primary Energy Supply	-	-	1,893	2,445	2,367	2,725	3,152	4,059	5,175
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	-	-	1,965	2,410	2,353	2,681	3,227	4,008	5,211
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	13	75	-1,699	-2,134	-1,799	-2,037	-2,106	-2,603	-2,946
Power Generation	-	-	-1,795	-2,226	-1,950	-2,037	-2,106	-2,603	-2,946
Final Energy Consumption	13	75	179	305	558	674	1,028	1,469	2,161
Industry	-	13	68	99	143	73	111	105	279
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	13	62	112	206	415	601	917	1,364	1,882
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	3,203	4,989	6,363	7,350	8,125	9,062	9,875	10,851	12,454
Thermal	2,126	311	-4,342	-3,408	-4,611	-5,267	-5,235	-4,299	-3,213
Hydro	171	315	460	307	392	547	434	418	517
Nuclear	906	4,363	10,245	10,451	12,344	13,782	14,675	14,732	15,151
Final Energy Consumption	2,815	4,363	5,519	6,391	7,069	8,117	8,976	9,911	10,985
Industry	1,954	2,760	3,570	4,064	4,388	4,970	5,453	5,878	6,390
Transport	34	62	74	80	83	87	94	101	108
Residential & Commercial	810	1,489	1,802	2,136	2,472	2,935	3,277	3,747	4,296
Agriculture	17	52	72	112	126	125	153	186	191

Major Energy Indicators of Republic of Korea (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
134,921	148,171	161,632	176,055	161,104	177,867	190,676	193,311	203,358	207,933	213,716	214,300
19,419	21,382	22,728	24,224	27,494	31,072	33,078	33,670	35,250	38,413	39,189	44,158
137,111	150,740	168,914	191,587	181,868	193,207	206,325	204,471	204,578	206,533	215,678	211,106
-12,127	-15,608	-21,337	-31,247	-39,836	-39,679	-40,806	-40,094	-32,119	-28,549	-32,137	-35,581
98,753	107,593	115,663	122,968	110,789	122,215	128,025	130,604	140,208	142,796	144,997	145,902
44,193	46,238	49,542	54,668	53,154	56,683	60,436	62,202	66,989	68,106	70,688	71,480
23,861	27,007	29,320	29,961	25,776	28,128	30,481	31,511	33,528	34,609	34,747	32,434
25,426	28,285	30,896	32,569	27,185	32,048	31,857	31,805	34,823	35,503	35,259	37,747
2,699	2,946	3,305	3,627	3,149	3,450	3,665	3,899	3,752	2,301	1,947	1,908
25,615	26,611	28,688	31,836	32,349	34,436	39,448	42,851	46,774	48,182	50,077	49,462
3,085	2,465	2,154	1,983	1,924	1,845	1,790	1,654	1,422	1,413	1,367	1,214
25,557	28,151	28,378	31,746	32,524	32,638	38,451	39,005	45,059	46,510	50,237	46,893
-	-	-	-	-	-	-	-	-	-	-	-
-16,113	-17,322	-20,485	-22,894	-24,597	-25,892	-29,637	-32,390	-35,320	-38,677	-41,196	-41,139
-10,639	-11,854	-14,827	-17,091	-18,768	-20,038	-23,576	-26,178	-28,181	-31,361	-33,336	-33,072
7,440	7,407	7,873	7,748	7,013	7,263	8,351	8,854	9,844	9,083	8,799	8,050
5,319	6,041	6,971	7,100	6,433	6,733	7,785	8,271	9,287	8,526	8,142	7,097
-	-	-	-	-	-	-	-	-	-	-	-
2,121	1,365	903	648	580	530	566	584	557	557	657	953
-	-	-	-	-	-	-	-	-	-	-	-
79,314	89,920	101,660	124,063	115,345	122,843	126,279	120,673	110,863	108,810	117,392	117,902
-	-	-	282	235	268	402	343	317	301	265	350
81,311	89,250	102,197	123,713	116,034	122,989	125,824	121,334	110,450	110,255	116,060	116,619
-114	-25	-217	-207	-36	-23	-59	-62	-79	-26	-7	-2
-80,688	-91,984	-112,424	-128,802	-122,716	-128,055	-131,323	-127,860	-120,262	-116,581	-120,198	-124,842
-80,688	-91,984	-112,424	-128,802	-122,716	-128,055	-131,323	-127,860	-120,262	-116,581	-120,198	-124,842
6,778	4,386	-209	-14,690	-24,016	-23,148	-22,362	-20,150	-8,588	-7,293	-15,661	-21,366
23,294	25,064	27,108	22,504	20,892	22,341	24,951	25,193	28,180	27,003	23,436	21,457
-12,012	-15,584	-21,120	-31,041	-39,800	-39,656	-40,747	-40,033	-32,040	-28,523	-32,130	-35,579
72,783	81,492	93,638	113,680	113,248	119,323	119,172	115,834	108,804	107,611	114,079	118,469
-7,779	-9,394	-8,393	-9,728	-3,476	-3,852	-5,933	-6,441	-5,721	-5,798	-5,378	-5,230
80,816	91,141	102,307	123,913	117,057	123,439	125,320	122,480	114,787	113,637	119,685	123,894
74,680	80,452	85,138	89,430	78,109	85,221	86,072	85,216	86,724	87,533	86,571	84,812
30,809	30,876	32,349	35,997	35,329	37,091	37,797	37,162	37,412	38,269	39,115	40,060
23,736	26,869	29,176	29,809	25,640	27,979	30,306	31,317	33,260	34,278	34,306	31,933
15,180	17,142	18,198	18,308	12,812	15,189	13,294	12,185	11,731	10,939	9,430	9,205
2,448	2,656	2,973	3,268	2,802	3,056	3,198	3,364	3,205	1,769	1,504	1,429
6,866	8,323	10,916	13,330	12,494	15,210	17,011	18,739	21,210	22,008	25,288	27,415
-	-	-	-	-	-	-	-	-	-	-	441
6,936	8,261	11,227	13,606	12,402	15,224	17,071	18,912	20,858	22,738	25,920	26,112
-	-	-	-	-	-	-	-	-	-	-	-
-3,895	-4,168	-5,408	-6,291	-4,902	-5,657	-5,757	-6,716	-7,615	-7,567	-10,595	-11,076
-3,895	-4,168	-5,408	-6,291	-4,902	-5,657	-5,757	-6,716	-7,615	-7,567	-10,595	-11,076
2,867	3,996	5,335	6,750	7,292	9,228	10,928	11,521	13,097	14,013	14,514	15,986
354	532	749	1,219	1,631	2,042	2,882	3,125	3,448	3,737	3,941	4,168
-	-	-	-	-	-	-	-	73	130	228	323
2,514	3,464	4,586	5,531	5,662	7,184	8,035	8,376	9,560	10,125	10,323	11,470
-	-	-	-	-	1	11	20	17	21	22	24
14,062	15,812	17,663	19,325	18,738	20,425	22,789	24,340	28,542	29,687	31,662	33,484
-1,575	-2,127	-2,049	-1,229	-5,159	-6,955	-6,090	-5,395	-2,953	-4,700	-2,908	-5,213
352	471	447	465	525	522	482	514	457	594	506	446
15,284	17,468	19,265	20,089	23,373	26,858	28,396	29,222	31,038	33,793	34,064	38,251
12,602	14,041	15,692	17,267	16,638	18,422	20,084	21,532	25,868	27,353	29,063	30,709
7,176	8,004	8,848	9,650	9,013	10,001	10,918	11,365	13,798	14,492	15,248	15,820
124	138	145	151	136	149	175	194	195	200	213	177
5,052	5,610	6,368	7,107	7,143	7,880	8,534	9,457	11,345	12,150	13,042	14,110
251	290	332	359	346	393	456	515	529	511	420	455

**Major Economic Indicators of Republic of Korea**

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	38.12	40.81	41.58	41.98	42.38	42.87	43.27	43.66
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	122.81	178.97	219.96	243.36	259.78	283.56	310.20	328.42
Real Term (Billions of 2000 Price and 2000 PPP)	182.21	265.52	326.34	361.06	385.41	420.70	460.22	487.26
Nominal (Billions of Current USD)	63.83	96.62	140.01	187.45	230.47	263.78	308.18	329.89
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	3,221	4,386	5,291	5,798	6,130	6,615	7,169	7,522
Real Term (2000 Price and 2000 PPP)	4,779	6,507	7,849	8,602	9,094	9,814	10,636	11,160
Nominal (Current USD)	1,674	2,368	3,368	4,466	5,438	6,153	7,123	7,555
Nominal GDP & its Components (Billions of Current KRW) *1								
Gross Domestic Product	38,775	84,060	115,164	137,112	154,753	186,691	226,008	257,526
Household Final Consumption Expenditure, etc.	24,251	47,600	58,705	67,472	79,045	94,968	114,757	131,979
General Government Final Consumption Expenditure	4,825	9,426	12,334	14,744	17,819	22,054	26,303	31,022
Gross Fixed Capital Formation	12,492	24,187	33,830	40,930	49,794	69,234	87,889	95,001
Stock Change	-157	1,003	1,065	2,091	2,713	801	1,907	1,034
Exports of Goods and Services	12,433	26,876	44,075	49,938	47,657	52,187	59,515	68,477
Imports of Goods and Services	15,496	26,379	35,931	40,144	44,470	54,195	65,518	71,459
Real GDP & its Components (Billions of 2000 KRW) *1								
Gross Domestic Product	138,898	202,408	248,764	275,236	293,798	320,697	350,820	371,433
Household Final Consumption Expenditure, etc.	86,397	121,938	142,657	154,704	170,263	185,862	202,047	214,238
General Government Final Consumption Expenditure	24,615	29,372	33,612	36,804	40,196	44,754	47,663	51,194
Gross Fixed Capital Formation	35,783	52,813	69,557	79,032	91,670	114,989	131,589	132,313
Stock Change	206	1,603	1,369	3,658	4,697	469	2,546	2,273
Exports of Goods and Services	19,915	32,184	49,705	55,502	53,297	55,670	61,834	69,381
Imports of Goods and Services	27,351	36,124	51,149	58,173	68,328	77,742	92,240	97,204
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	11.2	10.3	8.4	8.3	7.7	6.6	6.1	6.3
Industry	28.6	31.2	33.8	33.8	33.6	34.9	35.2	34.1
Services, etc.	53.5	51.4	50.2	50.1	50.4	49.8	49.4	50.0
Industrial Production Index (2000=100) *2	14.3	23.5	33.9	38.4	39.6	43.1	47.3	50.0
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	17.512	30.282	47.281	60.696	62.377	65.016	71.870	76.632
Imports, c.i.f.	22.292	31.136	41.019	51.811	61.465	69.844	81.525	81.775
Balance of Payments (Billions of Current USD) *2								
Trade Balance	-4.613	-0.020	7.529	11.283	4.345	-2.461	-6.904	-1.907
Current Account	-5.312	-0.795	10.058	14.505	5.344	-2.014	-8.417	-4.095
Overall Balance	0.184	0.211	2.100	9.327	3.410	-1.208	-1.147	3.724
Foreign Exchange Rate (KRW/USD) *1	607.43	870.02	822.57	731.47	671.46	707.76	733.35	780.65
Purchasing Power Parity (KRW/International Dollar) *1	394.11	454.44	482.21	501.69	511.07	543.80	581.46	611.70
Price Indices								
GDP Deflator (2000=100) *3	27.9	41.5	46.3	49.8	52.7	58.2	64.4	69.3
Producer Price Index (2000=100)*2	51.7	66.3	65.6	67.4	68.4	71.3	74.6	79.2
Consumer Price Index (2000=100)*2	33.2	46.8	49.5	53.1	56.1	60.9	66.6	70.8
Growth Rate (%) *3								
Real GDP	-1.49	6.80	11.10	10.64	6.74	9.16	9.39	5.88
Population	1.57	0.99	0.95	0.96	0.96	1.15	0.93	0.91
Price								
Producer Price Index	38.9	0.9	0.5	2.7	1.5	4.2	4.7	6.2
Consumer Price Index	28.7	2.5	3.0	7.1	5.7	8.6	9.3	6.3

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: KRW shows Won, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Republic of Korea (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
44.06	44.45	45.09	45.53	45.95	46.29	46.62	47.01	47.35	47.62	47.85	48.08	48.29
348.57	378.32	413.01	441.92	462.47	430.77	471.63	511.66	531.29	568.32	585.92	613.64	637.95
517.14	561.29	612.76	655.64	686.13	639.10	699.73	759.11	788.23	843.18	869.29	910.41	946.48
362.14	423.44	517.12	557.64	516.28	345.43	445.40	511.66	481.89	546.93	608.15	680.49	787.63
7.912	8.511	9.159	9.707	10.064	9.307	10.117	10.884	11,220	11,936	12,245	12,762	13,210
11,738	12,627	13,589	14,402	14,931	13,807	15,010	16,149	16,646	17,708	18,167	18,934	19,598
8,220	9,525	11,468	12,249	11,235	7,463	9,554	10,884	10,177	11,487	12,710	14,153	16,309
290,676	340,208	398,838	448,597	491,135	484,103	529,499	578,664	622,122	684,263	724,675	779,381	806,622
149,686	177,904	208,462	236,194	258,636	238,811	274,934	312,301	343,417	381,063	389,177	401,469	424,630
34,413	38,941	44,687	52,138	56,749	61,981	65,174	70,098	80,298	88,512	96,203	105,517	113,773
105,623	123,899	148,819	168,157	174,961	146,914	157,407	179,908	183,792	199,047	216,807	230,217	236,444
-1,760	1,825	1,411	6,225	1,706	-25,903	-3,199	-494	-1,314	-41	292	6,430	6,211
77,112	90,624	114,978	124,988	159,091	223,481	206,842	236,210	235,187	241,209	274,995	342,865	342,800
75,975	93,149	119,336	140,574	162,056	161,180	171,437	217,979	220,914	231,765	257,728	309,647	322,567
394,215	427,868	467,100	499,790	523,035	487,184	533,399	578,665	600,866	642,748	662,655	693,996	721,491
227,144	246,270	270,628	288,862	298,386	258,317	288,026	312,301	327,684	353,560	349,200	348,067	359,273
54,052	56,295	59,127	63,846	65,526	67,045	68,991	70,098	73,507	77,924	80,877	83,895	87,529
142,537	160,341	181,345	196,550	192,034	147,992	160,336	179,908	179,576	191,465	199,048	203,188	207,828
-2,003	2,858	-1,644	2,039	-3,930	-17,426	1,744	-495	-243	-1,567	-4,469	671	-1,196
77,814	90,483	112,547	126,238	153,539	172,965	198,256	236,210	229,764	260,221	300,825	359,709	390,418
102,993	124,954	153,631	175,634	181,706	142,073	181,564	217,979	208,899	240,665	264,930	301,718	322,531
5.6	5.2	5.0	4.8	4.8	4.8	4.6	4.3	4.2	3.8	3.5	3.6	3.5
34.3	34.6	34.8	34.9	34.8	34.3	35.1	36.2	35.9	35.8	36.8	38.2	38.9
50.3	49.9	49.4	49.0	49.2	50.7	49.4	48.3	48.8	49.2	48.4	47.1	46.7
52.2	58.0	64.9	70.4	73.7	69.0	85.6	100.0	100.7	108.8	114.6	126.3	134.1
82.236	96.013	125.058	129.715	136.164	132.313	143.686	172.267	150.439	162.471	193.817	253.845	284.419
83.800	102.348	135.119	150.339	144.616	93.282	119.752	160.481	141.098	152.126	178.827	224.463	261.238
2.150	-3.017	-4.365	-15.077	-3.256	41.665	28.463	16.954	13.488	14.777	21.952	37.569	32.683
0.821	-4.024	-8.665	-23.210	-8.384	40.371	24.522	12.251	8.033	5.394	11.950	28.174	14.981
3.009	4.614	7.039	1.416	-22.979	25.930	33.260	23.790	13.278	11.769	25.791	38.675	19.864
802.67	803.45	771.27	804.45	951.29	1,401.44	1,188.82	1,130.96	1,290.99	1,251.09	1,191.61	1,145.32	1,024.12
635.93	671.59	706.79	729.09	750.22	785.17	773.21	762.29	770.70	778.81	784.07	784.59	758.20
73.7	79.5	85.4	89.8	93.9	99.4	99.3	100.0	103.5	106.5	109.4	112.3	111.8
77.4	79.5	83.2	85.9	89.2	100.1	98.0	100.0	99.5	99.2	101.4	107.6	109.9
74.2	78.8	82.3	86.4	90.2	97.0	97.8	100.0	104.4	106.9	110.7	114.7	117.8
6.13	8.54	9.17	7.00	4.65	-6.85	9.49	8.49	3.84	6.97	3.10	4.73	3.96
0.90	0.90	1.44	0.96	0.94	0.72	0.71	0.84	0.73	0.55	0.49	0.49	0.44
-2.3	2.7	4.7	3.2	3.8	12.2	-2.1	2.0	-0.5	-0.3	2.2	6.1	2.1
4.7	6.3	4.5	4.9	4.4	7.5	0.8	2.3	4.1	2.8	3.5	3.6	2.8

Energy Price of Republic of Korea in 2005

Currency Exchange Rate

	Local currency /	
Currency Exchange Rate	USD	1024.31
Local Currency Unit		Won

IMPORT PRICES

WHOLESALE PRICES

CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal	US\$ / t	110.0	Coking Coal			Coking Coal		
Anthracite	US\$ / t	94.0	Anthracite			Anthracite		
Other bituminous coal	US\$ / t	57.0	Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal			Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke	US\$	251.0	Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil	US\$ / bbl	51.0	<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG	US\$ / bbl	39.0	Ethane			Ethane		
Naphtha	US\$ / bbl	53.0	LPG			LPG	won / kg	1,132.0
Motor Gasoline	US\$ / bbl		Naphtha			Naphtha		
Aviation Gasoline	US\$ / bbl		Motor Gasoline	won / l	1,359.0	Motor Gasoline	won / l	1,432.0
Gasoline Type Jet Fuel	US\$ / bbl		Aviation Gasoline			Aviation Gasoline		
Kerosene Type Jet Fuel			Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene	US\$ / bbl	65.0	Kerosene Type Jet Fuel			Kerosene Type Jet Fuel		
Gas/Diesel Oil	US\$ / bbl	65.0	Other Kerosene	won / l	801.0	Other Kerosene	won / l	874.0
Fuel Oil	US\$ / bbl	44.0	Gas/Diesel Oil	won / l	1,046.0	Gas/Diesel Oil	won / l	1,080.0
White Spirit SBP			Fuel Oil			Fuel Oil	won / l	420.0
Lubricants			White Spirit SBP			White Spirit SBP		
Bitumen			Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke			Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas			<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas	US\$ / t	387.0	Natural Gas			Natural Gas		
Compressed Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas	won / m3	461.0
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity			Industrial	won / kWh	60.0
			<b>Other Energy Products</b>			Commercial	won / kWh	95.0
						Residential	won / kWh	111.0
						Others	won / kWh	45.0
						<b>Other Energy Products</b>		



## Original Table (Quarterly) of Republic of Korea in 2006

Coal		Unit: 1,000 ton			
	Production	Imports	Exports	Stock Changes	
2006	JAN.	240	6,539	-	1,812
	FEB.	226	5,769	-	184
	MAR.	254	6,866	-	130
	<b>1st quarter</b>	720	19,174	-	2,126
	APR.	227	6,490	-	79
	MAY.	227	5,719	-	73
	JUN.	238	6,639	-	30
	<b>2nd quarter</b>	692	18,848	-	182
	JUL.	210	6,093	-	12
	AUG.	225	6,025	-	82
	SEP.	245	6,906	-	209
	<b>3rd quarter</b>	680	19,024	-	303
	OCT.	222	6,138	-	210
	NOV.	261	6,334	-	302
	DEC.	248	6,483	-	220
	<b>4th quarter</b>	731	18,955	-	732
	2,823	76,001	-	3,343	

Oil		Unit: 1,000bbl						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.		74,251		3,861	14,232	19,513	-2,614
	FEB.		75,064		-7,114	14,384	18,256	208
	MAR.		69,271		854	13,883	19,842	141
	<b>1st quarter</b>		218,586		2,090	42,499	57,611	-2,265
	APR.		69,707		-532	13,878	21,562	-967
	MAY.		77,278		468	15,655	22,557	-6,701
	JUN.		67,875		-30,868	16,361	21,381	-502
	<b>2nd quarter</b>		214,860		-3,994	45,894	65,500	-8,170
	JUL.		72,342		2,630	16,280	28,474	-5,812
	AUG.		78,693		-33,895	18,906	32,631	2,475
	SEP.		73,608		-35	17,059	28,924	-435
	<b>3rd quarter</b>		224,643		-1,762	52,245	90,029	-3,772
	OCT.		74,251		-1,181	13,596	26,329	842
	NOV.		76,135		-2,571	16,548	25,253	3,048
	DEC.		79,954		-3,033	20,771	24,262	3,039
	<b>4th quarter</b>		230,340		-6,785	50,915	75,844	6,929
		-	888,429	-	-10,451	191,553	288,984	-7,278

Original Table (Quarterly) of Republic of Korea in 2006 (Continued)

Natural Gas ( or LNG)		Unit: 1,000ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	44	2,915	-	118
	FEB.	41	2,625	-	-1,821
	MAR.	45	2,800	-	-1,903
	<b>1st quarter</b>	130	8,340	-	-3,606
	APR.	43	2,074	-	-1,962
	MAY.	25	2,198	-	-2,604
	JUN.	25	1,655	-	-3,668
	<b>2nd quarter</b>	93	5,927	-	-8,234
	JUL.	25	1,240	-	-4,049
	AUG.	22	1,181	-	-4,000
	SEP.	3	1,187	-	-3,877
	<b>3rd quarter</b>	50	3,608	-	-11,926
	OCT.	21	1,591	-	-4,124
	NOV.	29	2,045	-	-4,308
	DEC.	32	2,750	-	-4,046
	<b>4th quarter</b>	82	6,386	-	-12,478
		355	24,261	-	-36,244

Electricity		Unit: GWh					Imports	Exports
		Total	Thermal	Hydro	Nuclear	Others		
2006	JAN.	33,877	20,671	206	12,999	-	-	-
	FEB.	31,144	19,423	178	11,543	-	-	-
	MAR.	32,837	21,521	192	11,124	-	-	-
	<b>1st quarter</b>	97,858	61,615	576	35,666	-	-	-
	APR.	29,866	18,373	245	11,247	-	-	-
	MAY.	29,519	16,689	430	12,400	-	-	-
	JUN.	30,000	16,907	579	12,514	-	-	-
	<b>2nd quarter</b>	89,385	51,969	1,254	36,161	-	-	-
	JUL.	31,427	17,079	1,068	13,348	-	-	-
	AUG.	34,345	19,654	1,075	13,559	-	-	-
	SEP.	30,282	17,462	431	12,395	-	-	-
	<b>3rd quarter</b>	96,054	54,195	2,574	39,302	-	-	-
	OCT.	30,090	16,732	347	13,011	-	-	-
	NOV.	32,124	19,827	222	13,011	-	-	-
	DEC.	35,653	22,873	244	12,535	-	-	-
	<b>4th quarter</b>	97,867	59,432	813	38,557	-	-	-
		381,164	227,211	5,217	149,686	-	-	-

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.

## 3.10 Malaysia

## Energy Balance Table of Malaysia in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	408	-	36,746	2,325	-	-	-	52	121
2 Import	6,277	-	8,242	7,954	3,889	-	-	119	1,295
3 Export	-42	-	-19,073	-8,417	-784	-	-	-675	-1,717
4 International Marine Bunkers	-	-	-	-59	-	-	-	-	-37
5 Stock Changes	-23	-	884	-404	-6	-	-	-132	-360
6 Total Primary Energy Supply	6,620	-	26,799	1,400	3,100	-	-	-636	-698
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-5,260	-	-24,551	20,774	6,749	-	-	521	8,855
8.1 Main Activity Producer	-5,260	-	-	-573	-	-	-	-	-298
8.2 Autoproducers	-	-	-	-2	-	-	-	-	-2
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-24,551	21,349	6,749	-	-	521	9,155
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-	-	-	-	-	-
10. Discrepancy	-80	-	-2,247	821	365	-	-	197	509
11 Total Final Energy Consumption	1,280	-	-	22,995	10,214	-	-	82	8,666
12 Industry Sector	1,280	-	-	5,496	60	-	-	31	3,495
13 Transport Sector	-	-	-	15,228	10,152	-	-	-	5,073
14 Other Sector	-	-	-	2,270	2	-	-	51	99
14.1 Residential & Commercial	-	-	-	1,538	-	-	-	51	-
14.2 Agriculture	-	-	-	101	2	-	-	-	99
14.3 Other	-	-	-	632	-	-	-	-	-
15 Non-energy	-	-	-	632	-	-	-	-	-

## Energy Balance Table of Malaysia in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	229	-	38,713	1,031	-	-	-	50	126
2 Import	7,118	-	8,123	8,974	3,560	-	-	3	1,867
3 Export	-81	-	-19,321	-8,898	-1,195	-	-	-460	-1,849
4 International Marine Bunkers	-	-	-	-100	-	-	-	-	-65
5 Stock Changes	184	-	-443	338	-14	-	-	-18	124
6 Total Primary Energy Supply	7,451	-	27,072	1,345	2,351	-	-	-425	203
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-5,057	-	-25,636	22,271	7,411	-	-	581	9,209
8.1 Main Activity Producer	-5,057	-	-	-546	-	-	-	-	-272
8.2 Autoproducers	-	-	-	-123	-	-	-	-	-123
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-25,636	22,940	7,411	-	-	581	9,604
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-	-	-	-	-	-
10. Discrepancy	-1,154	-	-1,437	-831	126	-	-	-71	-157
11 Total Final Energy Consumption	1,239	-	-	22,785	9,889	-	-	85	9,255
12 Industry Sector	1,239	-	-	5,326	8	-	-	33	3,736
13 Transport Sector	-	-	-	15,317	9,878	-	-	-	5,435
14 Other Sector	-	-	-	2,143	3	-	-	51	84
14.1 Residential & Commercial	-	-	-	1,431	-	-	-	51	-
14.2 Agriculture	-	-	-	87	3	-	-	-	84
14.3 Other	-	-	-	626	-	-	-	-	-
15 Non-energy	-	-	-	706	-	-	-	-	-

Energy Balance Table of Malaysia in 2005 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	1,866	-	-	287	51,992	497	-	-	-	-	-	91,969	
1,741	479	-	-	431	1,213	-	-	-	-	-	-	23,687	
-1,215	-1,785	-	-	-2,242	-26,791	-	-	-	-	-	-	-54,323	
-22	-	-	-	-	-	-	-	-	-	-	-	-59	
-53	9	-	-	138	-	-	-	-	-	-	-	456	
450	569	-	-	-1,385	26,414	497	-	-	-	-	-	61,730	
-	-	-	-	-	-	-	-	-	-	-	-	-	
1,501	821	172	-	2,156	-19,189	-497	-	-	-	7,508	-	-21,216	
-275	-	-	-	-	-11,112	-497	-	-	-	7,106	-	-10,337	
-	-	-	-	-	-836	-	-	-	-	403	-	-435	
-	-	-	-	-	-5,822	-	-	-	-	-	-	-5,822	
1,776	821	172	-	2,156	-	-	-	-	-	-	-	-3,203	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-1,419	-	-	-	-	-	-	-1,419	
-	-	-	-	-	-887	-	-	-	-	-256	-	-1,143	
1	118	-163	-	-206	-15	-	-	-	-	-313	-	-1,834	
1,953	1,508	8	-	564	6,322	-	-	-	-	6,940	-	37,536	
1,681	221	8	-	-	4,815	-	-	-	-	3,369	-	14,960	
4	-	-	-	-	86	-	-	-	-	5	-	15,319	
200	1,287	-	-564	564	26	-	-	-	-	3,565	-	5,862	
268	1,219	-	-	-	26	-	-	-	-	3,565	-	5,129	
-	-	-	-	-	-	-	-	-	-	-	-	101	
-68	68	-	-564	564	-	-	-	-	-	-	-	632	
-	68	-	-	564	1,395	-	-	-	-	-	-	2,027	

Energy Balance Table of Malaysia in 2004 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	520	-	-	336	49,046	501	-	-	-	-	-	89,520	
2,397	280	-	-	866	848	-	-	-	-	-	-	25,063	
-2,529	-257	-	-	-2,608	-25,970	-	-	-	-	-	-	-54,270	
-34	-	-1	-	-	-	-	-	-	-	-	-	-100	
34	55	-	-	158	-	-	-	-	-	-	-	80	
-132	598	-1	-	-1,248	23,924	501	-	-	-	-	-	60,293	
-	-	-	-	-	-	-	-	-	-	-	-	-	
1,538	896	183	-	2,453	-22,163	-501	-	-	-	6,811	-	-24,275	
-274	-	-	-	-	-9,549	-501	-	-	-	6,632	-	-9,021	
-	-	-	-	-	-532	-	-	-	-	179	-	-476	
-	-	-	-	-	-12,082	-	-	-	-	-	-	-12,082	
1,812	896	183	-	2,453	-	-	-	-	-	-	-	-2,696	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-134	-	-134	
56	-34	-171	-	-580	4,117	-	-	-	-	-39	-	656	
1,462	1,460	10	-	626	5,877	-	-	-	-	6,638	-	36,539	
1,196	342	10	-	-	4,471	-	-	-	-	3,340	-	14,375	
4	-	-	-	-	49	-	-	-	-	-	-	15,365	
181	1,118	-	-626	626	21	-	-	-	-	3,298	-	5,462	
262	1,118	-	-	-	21	-	-	-	-	3,298	-	4,750	
-	-	-	-	-	-	-	-	-	-	-	-	87	
-81	-	-	-626	626	-	-	-	-	-	-	-	626	
-	81	-	-	626	1,337	-	-	-	-	-	-	2,043	

## Major Energy Indicators of Malaysia

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	10,553	14,110	16,314	17,174	18,992	20,972	25,630	28,672	30,958
Indigenous Production	16,072	32,137	39,167	41,881	45,139	46,529	50,738	52,336	54,173
Import	6,752	6,731	6,478	6,483	8,485	9,708	10,190	9,406	12,269
Export	-11,759	-24,945	-29,066	-31,186	-34,545	-35,090	-35,073	-34,225	-35,264
Final Energy Consumption	6,385	8,612	9,983	10,456	11,848	13,146	14,563	16,185	17,729
Industry	2,870	3,489	3,709	3,722	4,704	5,276	5,809	6,455	7,012
Transport	2,398	3,377	3,929	4,278	4,684	5,386	5,806	6,226	6,557
Residential & Commercial	826	1,123	1,297	1,435	1,495	1,646	1,747	1,891	2,070
Agriculture	-	-	-	-	-	-	130	391	62
<b>Coal, Coal Products</b>									
Primary Energy Supply	53	362	327	260	1,158	1,355	1,532	1,587	1,352
Indigenous Production	-	-	-	15	76	70	126	53	264
Import	53	362	327	260	1,093	1,424	1,407	1,485	1,158
Export	-	-	-	-15	-11	-28	-66	-60	-70
Transformation Sector	-	-	-	-71	-602	-813	-963	-968	-884
Power Generation	-	-	-	-71	-602	-813	-963	-968	-884
Final Energy Consumption	53	362	327	189	595	513	599	672	487
Industry	53	362	327	189	595	513	599	672	487
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	5,783	7,320	7,680	8,372	8,777	10,024	10,244	10,481	13,573
Indigenous Production	13,707	22,187	24,742	26,923	28,967	30,629	31,843	32,264	32,218
Import	4,034	2,302	1,892	2,012	1,901	2,244	2,044	1,409	3,265
Export	-11,619	-17,338	-18,784	-20,593	-22,090	-22,949	-23,444	-23,374	-21,766
Transformation Sector	-5,901	-7,579	-7,806	-8,449	-8,752	-9,980	-10,243	-10,425	-11,697
Petroleum Refineries	-5,901	-7,579	-7,806	-8,449	-8,752	-9,980	-10,243	-10,425	-11,697
<b>Petroleum Products</b>									
Primary Energy Supply	2,353	2,131	1,739	1,789	1,444	2,454	3,365	4,850	4,252
Import	2,658	4,062	4,259	4,211	5,490	6,031	6,728	6,499	7,835
Export	-132	-1,949	-2,425	-2,388	-3,960	-3,413	-3,272	-2,513	-3,507
Transformation Sector	3,347	5,011	5,791	6,153	7,012	7,425	7,737	7,382	8,576
Power Generation	-2,346	-2,519	-2,269	-2,284	-2,207	-2,989	-2,851	-2,512	-2,475
Petroleum Refineries	5,693	7,530	8,060	8,437	9,219	10,414	10,588	9,502	10,483
Final Energy Consumption	5,550	6,656	7,271	7,816	8,635	9,825	10,914	11,927	13,076
Industry	2,432	2,402	2,437	2,536	2,996	3,481	3,786	3,967	4,670
Transport	2,398	3,377	3,929	4,278	4,684	5,386	5,806	6,226	6,557
Residential & Commercial	429	472	528	612	642	729	725	778	900
Agriculture	-	-	-	-	-	-	130	391	62
<b>Natural Gas</b>									
Primary Energy Supply	2,237	3,971	6,147	6,271	7,181	6,801	10,112	11,381	11,360
Indigenous Production	2,245	9,629	14,002	14,455	15,645	15,487	18,390	19,644	21,272
Import	-	-	-	-	-	-	-	-	-
Export	-8	-5,658	-7,855	-8,184	-8,464	-8,686	-8,278	-8,263	-9,912
Transformation Sector	-33	-1,659	-1,797	-2,048	-2,135	-2,397	-5,499	-6,400	-8,360
Power Generation	-33	-539	-818	-990	-1,004	-1,361	-2,533	-3,144	-4,374
Final Energy Consumption	35	515	1,132	1,058	1,070	1,093	1,125	1,368	1,716
Industry	1	250	387	367	373	452	487	679	552
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	34	47	74	60	45	32	34	32	23
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	864	1,285	1,498	1,664	1,850	1,979	2,283	2,521	2,987
Thermal	744	964	1,075	1,176	1,399	1,636	1,904	2,146	2,568
Hydro	120	321	423	488	451	343	379	375	419
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	747	1,079	1,253	1,393	1,548	1,715	1,925	2,218	2,450
Industry	384	475	558	630	740	830	937	1,137	1,303
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	363	604	695	763	808	885	988	1,081	1,147
Agriculture	-	-	-	-	-	-	-	-	-

Major Energy Indicators of Malaysia (Continued)

												ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
31,375	33,390	37,873	44,403	41,905	41,893	51,492	51,220	52,995	58,445	60,293	61,730	
56,516	62,388	68,635	72,863	73,655	72,439	79,473	77,264	80,519	83,691	89,520	91,969	
11,000	11,128	11,615	14,773	13,060	13,122	16,271	18,692	17,979	21,911	25,063	23,687	
-35,400	-39,423	-42,384	-42,913	-43,714	-41,829	-43,637	-44,766	-45,199	-48,139	-54,270	-54,323	
19,287	22,164	24,182	26,168	25,558	27,228	29,697	31,516	33,289	34,587	36,539	37,536	
7,283	8,060	9,443	10,106	10,122	10,239	11,401	11,853	12,853	13,473	14,375	14,960	
7,262	7,827	8,951	10,201	9,793	11,393	12,070	13,138	13,441	14,271	15,365	15,319	
2,503	2,837	3,557	3,072	3,313	3,653	3,867	4,047	4,386	4,399	4,750	5,129	
422	446	486	490	307	106	104	98	95	98	87	101	
1,563	1,612	2,053	1,569	1,660	1,376	2,308	2,911	4,133	5,717	7,451	6,620	
89	85	153	153	221	174	242	344	223	107	229	408	
1,351	1,588	1,938	1,446	1,529	1,321	1,943	2,665	3,442	5,268	7,118	6,277	
-40	-50	-15	-9	-7	-8	-19	-34	-37	-36	-81	-42	
-925	-957	-950	-882	-964	-1,332	-1,495	-1,994	-2,556	-4,104	-5,057	-5,260	
-925	-957	-950	-882	-964	-1,332	-1,495	-1,994	-2,556	-4,104	-5,057	-5,260	
598	712	727	740	767	608	991	977	1,086	1,212	1,239	1,280	
598	712	727	740	767	608	991	977	1,086	1,212	1,239	1,280	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
14,983	17,476	19,834	21,347	18,963	17,946	24,137	24,226	23,066	26,442	27,072	26,799	
32,798	35,090	35,744	35,600	35,784	32,835	33,835	32,851	34,838	37,026	38,713	36,746	
2,140	2,116	2,571	2,989	2,171	3,444	7,709	9,146	7,317	7,921	8,123	8,242	
-19,726	-19,833	-18,315	-17,322	-18,640	-18,355	-17,254	-18,018	-18,100	-18,747	-19,321	-19,073	
-14,179	-16,960	-19,380	-19,605	-17,289	-18,944	-22,164	-23,846	-22,881	-25,449	-25,636	-24,551	
-14,179	-16,960	-19,380	-19,605	-17,289	-18,944	-22,164	-23,846	-22,881	-25,449	-25,636	-24,551	
1,872	-191	-26	2,112	1,764	418	-1,922	-2,172	-758	-1,389	1,345	1,400	
7,492	7,411	7,095	10,331	9,360	8,357	6,619	6,881	7,220	7,221	8,974	7,954	
-5,094	-7,261	-7,317	-7,840	-7,194	-7,161	-8,533	-8,900	-8,158	-8,972	-8,898	-8,417	
12,783	16,669	17,369	15,553	15,675	17,898	21,634	23,473	21,433	23,010	22,271	20,774	
-2,206	-2,338	-2,638	-2,667	-2,584	-1,301	-966	-1,167	-2,011	-799	-669	-575	
13,803	16,686	18,451	16,573	16,733	17,727	20,954	22,817	21,495	22,576	22,940	21,349	
13,894	16,142	17,203	18,578	17,488	18,782	19,581	20,324	20,638	21,176	22,785	22,995	
4,634	4,945	5,490	5,870	5,514	5,149	5,278	5,009	4,884	4,812	5,326	5,496	
7,257	7,822	8,945	10,194	9,788	11,389	12,059	13,121	13,409	14,226	15,317	15,228	
927	999	1,407	1,103	1,138	1,419	1,398	1,373	1,512	1,310	1,431	1,538	
422	446	486	490	307	106	104	98	95	98	87	101	
12,392	13,960	15,567	19,041	19,101	21,506	26,370	25,648	26,101	27,257	23,924	26,414	
23,068	26,678	32,292	36,777	37,233	38,783	44,797	43,462	45,002	46,123	49,046	51,992	
-	-	-	-	-	-	-	-	-	1,501	848	1,213	
-10,527	-12,264	-16,725	-17,736	-17,873	-16,305	-17,831	-17,814	-18,901	-20,367	-25,970	-26,791	
-10,666	-12,258	-13,060	-16,080	-15,608	-18,349	-20,971	-21,485	-20,321	-20,337	-22,163	-19,189	
-5,119	-6,414	-7,489	-7,531	-9,158	-10,650	-12,110	-12,417	-12,552	-11,362	-10,082	-11,948	
1,863	1,935	2,475	2,466	2,726	3,023	3,862	4,621	5,643	5,886	5,877	6,322	
484	577	1,197	1,074	1,430	1,891	2,327	2,937	3,824	4,207	4,471	4,815	
5	5	5	6	4	-	7	14	28	40	49	86	
211	289	403	8	10	14	16	14	15	23	21	26	
-	-	-	-	-	-	-	-	-	-	-	-	
3,362	3,909	4,421	4,977	5,220	5,609	5,952	6,112	6,384	6,748	6,811	7,508	
2,801	3,374	3,975	4,644	4,803	4,962	5,353	5,505	5,928	6,313	6,310	7,011	
561	535	446	333	417	647	599	607	456	435	501	497	
-	-	-	-	-	-	-	-	-	-	-	-	
2,932	3,375	3,777	4,384	4,577	4,815	5,263	5,594	5,922	6,313	6,638	6,940	
1,567	1,826	2,029	2,422	2,411	2,591	2,805	2,930	3,059	3,242	3,340	3,369	
-	-	1	1	1	4	4	3	4	5	-	5	
1,365	1,549	1,747	1,961	2,165	2,220	2,453	2,660	2,859	3,066	3,298	3,565	
-	-	-	-	-	-	-	-	-	-	-	-	

## Major Economic Indicators of Malaysia

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	13.76	15.68	16.51	16.94	17.38	17.85	18.32	18.82
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	25.44	32.63	34.78	38.24	41.70	45.46	49.80	54.22
Real Term (Billions of 2000 Price and 2000 PPP)	55.51	71.19	75.89	83.44	91.00	99.19	108.66	118.32
Nominal (Billions of Current USD)	24.94	31.77	32.18	35.27	38.85	44.02	49.13	59.15
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	1,848	2,081	2,107	2,257	2,399	2,547	2,718	2,882
Real Term (2000 Price and 2000 PPP)	4,033	4,541	4,597	4,926	5,235	5,559	5,930	6,288
Nominal (Current USD)	1,812	2,027	1,949	2,082	2,235	2,467	2,681	3,143
Nominal GDP & its Components (Billions of Current MYR) *1								
Gross Domestic Product	54.29	78.89	81.08	92.37	105.23	119.08	135.12	150.68
Household Final Consumption Expenditure, etc.	27.93	41.76	39.06	45.44	52.62	61.69	70.50	75.75
General Government Final Consumption Expenditure	8.68	11.67	12.06	13.15	14.80	16.43	18.50	19.60
Gross Fixed Capital Formation	16.26	22.65	17.90	22.73	30.60	39.35	49.13	55.19
Stock Change	-1.38	-3.05	-0.98	-0.98	-0.98	-0.81	1.94	-1.91
Exports of Goods and Services	30.77	42.67	51.00	61.35	75.11	88.76	105.16	114.49
Imports of Goods and Services	29.46	38.72	39.75	51.92	68.73	86.24	110.11	112.45
Real GDP & its Components (Billions of 1987 MYR) *1								
Gross Domestic Product	59.30	76.06	81.08	89.14	97.22	105.98	116.09	126.41
Household Final Consumption Expenditure, etc.	35.55	42.53	39.06	43.66	49.47	55.35	60.36	63.17
General Government Final Consumption Expenditure	9.66	11.74	12.06	12.95	13.43	14.22	15.89	16.67
Gross Fixed Capital Formation	17.87	22.95	17.90	22.06	28.24	35.89	43.91	48.74
Stock Change	0.30	-0.75	0.81	1.51	0.75	-0.70	1.66	-1.61
Exports of Goods and Services	28.26	39.82	51.00	56.56	65.15	76.76	88.86	100.06
Imports of Goods and Services	31.16	39.18	39.75	47.59	59.82	75.54	94.59	100.62
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	21.0	19.1	20.0	18.6	17.9	16.1	14.9	14.6
Industry	36.1	37.2	38.5	39.6	39.5	40.2	40.8	40.2
Services, etc.	42.8	43.8	41.5	41.7	42.6	43.6	44.4	45.1
Industrial Production Index (2000=100) *2	17.1	23.7	28.1	32.1	35.9	40.2	44.7	48.6
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	12.958	15.442	17.939	21.110	25.053	29.452	34.349	40.772
Imports, c.i.f.	10.820	12.301	12.701	16.551	22.496	29.258	36.648	39.855
Balance of Payments (Billions of Current USD) *2								
Trade Balance	2.393	3.573	5.783	5.427	4.277	2.525	0.391	3.150
Current Account	-0.266	-0.600	2.575	1.867	0.315	-0.870	-4.183	-2.167
Overall Balance	0.464	1.148	1.139	-0.458	1.235	1.951	1.236	6.618
Foreign Exchange Rate (MYR/USD) *1	2.1769	2.4830	2.5196	2.6188	2.7088	2.7049	2.7501	2.5474
Purchasing Power Parity (MYR/International Dollar) *1	1.8113	1.5906	1.4599	1.4626	1.4720	1.4711	1.4724	1.4740
Price Indices								
GDP Deflator (1987=100) *3	91.5	103.7	100.0	103.6	108.2	112.4	116.4	119.2
Producer Price Index (2000=100) *2	N.A.	66.8	65.0	69.7	72.4	73.0	76.0	76.8
Consumer Price Index (2000=100) *2	51.4	64.5	65.2	66.9	68.8	70.6	73.6	77.1
Growth Rate (%) *3								
Real GDP	7.44	-1.12	5.39	9.94	9.06	9.01	9.55	8.89
Population	2.45	2.66	2.61	2.60	2.62	2.66	2.68	2.69
Price								
Producer Price Index	N.A.	-2.1	3.7	7.3	3.8	0.9	4.0	1.1
Consumer Price Index	6.7	0.3	0.3	2.6	2.8	2.6	4.4	4.8

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: MYR shows Malaysian Ringgit, USD shows United States Dollar

: PPP shows Purchasing Power Parity



Major Economic Indicators of Malaysia (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
19.32	19.84	20.36	20.89	21.43	21.96	22.49	23.00	23.49	23.97	24.44	24.89	25.35
59.59	65.08	71.47	78.62	84.38	78.17	82.97	90.32	90.61	94.37	99.73	106.94	112.46
130.02	142.00	155.96	171.56	184.12	170.57	181.04	197.08	197.71	205.91	217.61	233.36	245.39
66.89	74.48	88.83	100.85	100.17	72.18	79.15	90.32	88.00	95.16	103.99	118.46	130.77
3.084	3.280	3.510	3.763	3.938	3.560	3.690	3.927	3.857	3.937	4.081	4.296	4.437
6.729	7.158	7.659	8.212	8.593	7.767	8.051	8.570	8.416	8.590	8.905	9.374	9.681
3.462	3.754	4.363	4.827	4.675	3.287	3.520	3.927	3.746	3.970	4.256	4.759	5.159
172.19	195.46	222.47	253.73	281.80	283.24	300.76	343.22	334.40	361.62	395.17	450.15	495.24
83.14	94.09	106.61	116.79	127.78	117.72	125.06	145.35	150.64	159.51	172.37	192.77	279.96
21.75	23.97	27.53	28.18	30.34	27.67	33.04	35.68	42.27	50.01	54.91	59.32	64.08
66.94	78.66	96.97	107.82	121.49	75.98	65.84	87.73	83.34	83.76	87.09	91.82	98.93
0.54	1.87	0.12	-2.58	-0.40	-0.43	1.48	5.98	-3.34	2.22	-1.66	10.55	-0.20
135.90	174.25	209.32	232.36	262.88	327.84	364.86	427.00	389.26	415.04	447.85	544.96	611.08
136.07	177.39	218.08	228.84	260.31	265.54	289.51	358.53	327.77	348.92	365.38	449.26	494.53
138.92	151.71	166.63	183.29	196.71	182.24	193.42	210.56	211.23	219.99	232.50	249.31	262.17
67.12	73.42	81.98	87.61	91.39	82.03	84.38	95.37	97.63	101.95	108.72	120.18	131.27
18.08	19.50	20.68	20.83	22.02	20.06	23.48	23.87	28.01	31.34	34.48	36.56	38.53
57.41	66.67	81.89	88.62	96.74	55.18	51.57	65.19	63.05	63.25	64.96	67.00	70.17
0.45	-1.49	0.09	-1.90	-0.28	-0.23	1.25	3.38	-1.28	2.36	-1.09	5.82	-0.84
111.60	136.05	161.86	176.79	186.50	187.42	212.08	246.16	227.69	237.90	251.46	292.48	317.69
115.74	145.42	179.88	188.67	199.65	162.21	179.35	223.06	203.87	216.80	226.00	272.72	294.65
12.9	11.6	10.3	9.8	9.2	9.6	9.1	8.9	8.8	8.7	8.6	8.5	8.2
40.7	41.3	43.3	45.0	45.1	43.5	44.6	46.5	44.6	44.6	45.3	45.6	45.1
46.4	47.1	46.5	45.2	45.8	46.9	46.4	44.6	46.7	46.3	45.3	45.9	46.7
53.3	59.7	67.5	74.9	82.9	77.0	83.9	100.0	96.7	101.2	110.5	122.5	127.5
47.131	58.844	73.914	78.327	78.740	73.305	84.455	98.229	88.005	94.058	104.705	126.511	140.949
45.650	59.600	77.691	78.418	79.030	58.319	64.966	81.963	73.866	79.869	83.300	105.283	114.602
3.037	1.577	-0.103	3.848	3.510	17.505	22.644	20.827	18.383	18.135	25.711	27.493	33.156
-2.991	-4.520	-8.644	-4.462	-5.935	9.529	12.604	8.488	7.287	7.190	13.381	14.872	19.980
11.350	-3.160	-1.763	2.513	-3.875	10.018	4.712	-1.009	1.000	3.657	10.181	21.875	3.644
2.5741	2.6243	2.5044	2.5159	2.8132	3.9244	3.8000	3.8000	3.8000	3.8000	3.8000	3.8000	3.7871
1.4983	1.5251	1.5490	1.5760	1.6041	1.7213	1.6975	1.7415	1.6516	1.6854	1.7079	1.7679	1.7955
124.0	128.8	133.5	138.4	143.3	155.4	155.5	163.0	158.3	164.4	170.0	180.6	188.9
77.9	81.7	86.2	88.2	90.5	100.3	97.0	100.0	100.5	99.8	104.4	111.6	119.3
79.9	82.8	85.7	88.7	91.1	95.9	98.5	100.0	104.4	103.3	104.3	105.9	109.0
9.89	9.21	9.83	10.00	7.32	-7.36	6.14	8.86	0.32	4.15	5.69	7.23	5.16
2.69	2.67	2.64	2.60	2.56	2.49	2.39	2.27	2.15	2.04	1.94	1.87	1.82
1.4	4.9	5.5	2.3	2.6	10.8	-3.3	3.1	0.5	-0.8	4.6	7.0	6.9
3.5	3.7	3.5	3.5	2.7	5.3	2.7	1.5	1.4	1.8	1.0	1.5	3.0

## Energy Price of Republic of Malaysia in 2005

## Currency Exchange Rate

	Local currency /	
Currency Exchange Rate	USD	0.26455
Local Currency Unit		RM

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal	MYR / mt	13.3	Coking Coal			Coking Coal		
Anthracite	MYR / mt	341.2	Anthracite			Anthracite		
Other bituminous coal	MYR / mt	207.2	Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal			Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat	MYR / mt	8.4	Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke	MYR / mt	6.9	Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil	MYR / mt	1,406.1	<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG			Ethane			Ethane		
Naphtha	MYR / mt	1,844.2	LPG			LPG	MYR / kg	1.8
Motor Gasoline	MYR / mt	1,747.3	Naphtha			Naphtha		
Aviation Gasoline			Motor Gasoline			Motor Gasoline	MYR / l	1.9
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline		
Kerosene Type Jet Fuel			Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene			Kerosene Type Jet Fuel			Kerosene Type Jet Fuel		
Gas/Diesel Oil	MYR / mt	1,630.5	Other Kerosene			Other Kerosene		
Fuel Oil	MYR / mt	953.3	Gas/Diesel Oil			Gas/Diesel Oil	MYR / l	1.6
White Spirit SBP	MYR / mt	2,205.6	Fuel Oil			Fuel Oil		
Lubricants	MYR / mt	2,481.4	White Spirit SBP			White Spirit SBP		
Bitumen	MYR / mt	101.7	Lubricants			Lubricants		
Paraffin Waxes	MYR / mt	27.9	Bitumen			Bitumen		
Petroleum Coke	MYR / mt	1.0	Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas			<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas			Natural Gas			Natural Gas		
Compressed Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity			Industrial	sen / kWh	17.6
			<b>Other Energy Products</b>			Commercial	sen / kWh	21.0
						Residential	sen / kWh	25.1
						Others		
						<b>Other Energy Products</b>		

## 3.11 Mexico

## Energy Balance Table of Mexico in 2005

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
<b>1 Indigenous Production</b>	5,158	-	197,075	-	-	-	-	-	-
<b>2 Import</b>	3,519	247	209	16,821	10,022	872	-	-	2,171
<b>3 Export</b>	-	-1	-105,477	-3,940	-3,275	-	-338	-	-201
<b>4 International Marine Bunkers</b>	-	-	-	-889	-	-	-	-	-787
<b>5 Stock Changes</b>	-650	463	-77	-265	-94	-	37	-2	-212
<b>6 Total Primary Energy Supply</b>	8,027	709	91,730	11,726	6,652	872	-300	-2	972
<b>7 Transfers</b>	-	-	-12,352	13,523	3,158	-	42	-41	-
<b>8 Total Transformation Sector</b>	-7,937	505	-85,553	55,684	21,829	1,040	3,328	345	17,419
<b>8.1 Main Activity Producer</b>	-6,912	-	-	-15,620	-	-	-	-	-338
<b>8.2 Autoproducers</b>	-	-207	-	-	-	-	-	-	-
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-85,553	71,304	21,829	1,040	3,328	345	17,757
<b>8.5 Coal Transformation</b>	-1,025	712	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-19	-	-6,547	-310	-	-	-	-704
<b>10. Discrepancy</b>	-0	-	6,175	-3,830	-1,666	-80	-428	-37	-1,356
<b>11 Total Final Energy Consumption</b>	90	1,194	-	70,556	29,663	1,832	2,641	265	16,331
<b>12 Industry Sector</b>	90	1,194	-	12,252	-	1,832	-	20	1,066
<b>13 Transport Sector</b>	-	-	-	46,838	29,663	-	2,641	-	12,924
<b>14 Other Sector</b>	-	-	-	11,465	-	-	-	246	2,341
<b>14.1 Residential &amp; Commercial</b>	-	-	-	9,004	-	-	-	246	91
<b>14.2 Agriculture</b>	-	-	-	2,461	-	-	-	-	2,250
<b>14.3 Other</b>	-	-	-	-	-	-	-	-	-
<b>15 Non-energy</b>	-	-	-	6,450	-	1,832	-	-	-

## Energy Balance Table of Mexico in 2004

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
<b>1 Indigenous Production</b>	4,748	-	194,787	-	-	-	-	-	-
<b>2 Import</b>	2,027	334	165	13,158	7,451	803	-	-	755
<b>3 Export</b>	-	-1	-107,168	-4,064	-3,169	-	-330	-	-393
<b>4 International Marine Bunkers</b>	-	-	-	-784	-	-	-	-	-688
<b>5 Stock Changes</b>	-373	396	-517	173	-10	-	23	2	56
<b>6 Total Primary Energy Supply</b>	6,402	729	87,267	8,483	4,273	803	-307	2	-271
<b>7 Transfers</b>	-	-	-12,855	14,080	3,174	-	61	-60	-
<b>8 Total Transformation Sector</b>	-6,322	487	-78,598	54,397	21,250	964	2,950	320	16,270
<b>8.1 Main Activity Producer</b>	-5,331	-	-	-15,916	-	-	-	-	-349
<b>8.2 Autoproducers</b>	-	-202	-	-	-	-	-	-	-
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-78,598	70,313	21,250	964	2,950	320	16,619
<b>8.5 Coal Transformation</b>	-991	689	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-20	-	-6,325	-327	-	-	-	-716
<b>10. Discrepancy</b>	0	0	4,186	-2,342	192	1	-137	3	-197
<b>11 Total Final Energy Consumption</b>	80	1,196	-	68,293	28,560	1,768	2,567	265	15,086
<b>12 Industry Sector</b>	80	1,196	-	12,481	-	1,768	-	19	1,131
<b>13 Transport Sector</b>	-	-	-	44,447	28,560	-	2,567	7	11,798
<b>14 Other Sector</b>	-	-	-	11,365	-	-	-	239	2,157
<b>14.1 Residential &amp; Commercial</b>	-	-	-	9,098	-	-	-	239	84
<b>14.2 Agriculture</b>	-	-	-	2,267	-	-	-	-	2,073
<b>14.3 Other</b>	-	-	-	-	-	-	-	-	-
<b>15 Non-energy</b>	-	-	-	6,590	-	1,768	-	-	-

Energy Balance Table of Mexico in 2005 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	36,904	2,385	2,816	6,355	8,310	-	-	259,003	
1,015	2,741	-	-	-	7,493	-	-	-	-	7	-	28,296	
-45	-63	-	-	-18	-	-	-	-	-	-111	-	-109,530	
-102	-	-	-	-1	-	-	-	-	-	-	-	-889	
52	-42	-	-	-4	21	-	-	-	-	-	-	-509	
920	2,636	-	-	-23	44,418	2,385	2,816	6,355	8,310	-104	-	176,372	
-	7,387	-	2,978	-	-	-	-	-	-	-	-	1,171	
3,937	1,174	3,319	-	3,294	-17,967	-2,385	-2,816	-6,281	-1,149	20,201	-	-47,698	
-15,281	-	-	-	-	-15,841	-2,375	-2,816	-6,278	-	18,832	-	-31,010	
-	-	-	-	-	-2,126	-10	-	-4	-1,149	1,369	-	-2,126	
-	-	-	-	-	-	-	-	-	-	-	-	-	
19,218	1,174	3,319	-	3,294	-	-	-	-	-	-	-	-14,249	
-	-	-	-	-	-	-	-	-	-	-	-	-313	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-1,860	-215	-3,319	-	-140	-11,193	-	-	-	-	-4,800	-	-22,559	
-351	340	-	-	-253	-1,471	-	-	-0	-	-49	-	825	
2,646	11,323	-	2,978	2,878	13,787	-	-	73	7,162	15,248	-	108,110	
2,549	914	-2,978	1,353	2,878	9,999	-	-	-	1,258	9,125	-	33,918	
81	1,530	-	-	-	728	-	-	-	-	102	-	47,668	
-	8,878	-	-	-	1,062	-	-	73	5,904	6,022	-	24,526	
-	8,667	-	-	-	1,062	-	-	73	5,904	5,395	-	21,438	
-	211	-	-	-	-	-	-	-	-	627	-	3,088	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	16	-	2,978	1,625	1,998	-	-	-	-	-	-	8,448	

Energy Balance Table of Mexico in 2004 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	35,496	2,168	2,396	5,734	8,052	-	-	253,381	
972	3,178	-	-	-	9,348	-	-	-	-	4	-	25,037	
-144	-9	-	-	-18	-	-	-	-	-	-87	-	-111,320	
-95	-	-	-	-1	-	-	-	-	-	-	-	-784	
4	61	-	-	36	-1,145	-	-	-	-	-	-	-1,466	
736	3,230	-	-	17	43,700	2,168	2,396	5,734	8,052	-82	-	164,848	
-	7,786	-	3,120	-	-	-	-	-	-	-	-	1,225	
4,678	1,193	2,952	-	3,819	-18,521	-2,168	-2,396	-5,661	-1,113	19,271	-	-40,624	
-15,567	-	-	-	-	-16,461	-2,157	-2,396	-5,657	-	17,942	-	-29,976	
-	-	-	-	-	-2,060	-11	-	-4	-1,113	1,328	-	-2,062	
-	-	-	-	-	-	-	-	-	-	-	-	-	
20,245	1,193	2,952	-	3,819	-	-	-	-	-	-	-	-8,284	
-	-	-	-	-	-	-	-	-	-	-	-	-302	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-1,961	-224	-2,952	-	-144	-8,890	-	-	-	-	-4,839	-	-20,074	
-1,107	-661	-	-	-436	-2,155	-0	-	0	-0	272	-	-40	
2,346	11,324	-	3,120	3,256	14,134	-	-	73	6,939	14,621	-	105,335	
2,236	935	-3,120	1,435	3,256	10,230	-	-	-	1,022	8,749	-	33,759	
94	1,420	-	-	-	605	-	-	-	-	98	-	45,150	
-	8,969	-	-	-	1,055	-	-	73	5,916	5,774	-	24,184	
-	8,774	-	-	-	1,055	-	-	73	5,916	5,173	-	21,315	
-	194	-	-	-	-	-	-	-	-	601	-	2,868	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	16	-	3,120	1,685	2,243	-	-	-	-	-	-	8,833	

## Major Energy Indicators of Mexico

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	97,158	109,215	114,698	116,206	122,251	124,526	130,039	131,259	132,732
Indigenous Production	149,022	192,211	190,144	188,572	190,024	194,791	202,268	201,682	204,707
Import	1,792	2,725	3,702	4,297	6,620	6,196	8,648	11,241	10,218
Export	-52,824	-82,145	-76,280	-75,598	-72,003	-75,672	-80,552	-81,729	-82,544
Final Energy Consumption	65,089	77,200	78,161	78,584	82,011	88,416	91,736	93,938	93,119
Industry	18,331	26,030	25,509	24,387	24,623	36,994	37,250	37,733	35,528
Transport	23,518	24,850	25,306	25,607	28,266	31,426	33,702	34,409	35,920
Residential & Commercial	12,963	14,864	15,359	15,566	15,879	17,008	17,752	18,825	19,371
Agriculture	2,288	2,206	2,348	2,455	2,298	2,298	2,331	2,267	2,300
<b>Coal, Coal Products</b>									
Primary Energy Supply	2,355	3,205	3,428	3,237	3,564	3,467	3,330	3,479	4,027
Indigenous Production	1,725	2,901	3,486	3,112	3,344	3,387	3,102	2,856	3,091
Import	642	579	115	143	185	235	72	462	516
Export	-50	-60	-36	-84	-34	-6	-19	-	-3
Transformation Sector	-777	-1,165	-1,845	-2,088	-1,943	-1,836	-1,866	-1,992	-2,481
Power Generation	-	-906	-1,682	-1,842	-1,866	-1,725	-1,800	-1,847	-2,344
Final Energy Consumption	1,549	1,625	1,662	1,639	1,610	1,555	1,371	1,509	1,524
Industry	1,549	1,612	1,660	1,637	1,591	1,555	1,371	1,509	1,524
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	58,310	67,010	67,359	67,859	69,377	83,680	85,386	85,189	87,108
Indigenous Production	102,752	142,807	139,067	137,914	138,044	154,112	161,095	160,897	161,311
Import	-	-	-	-	-	-	-	-	-
Export	-43,934	-75,453	-71,450	-69,617	-67,921	-70,432	-75,710	-75,708	-74,204
Transformation Sector	-53,022	-67,340	-66,158	-66,632	-68,055	-71,824	-73,995	-73,435	-75,426
Petroleum Refineries	-53,007	-63,633	-63,492	-63,904	-65,323	-71,824	-73,995	-73,435	-75,426
<b>Petroleum Products</b>									
Primary Energy Supply	-1,507	-4,913	-1,426	-1,093	1,364	-165	1,976	2,576	591
Import	1,097	2,099	3,527	4,086	5,998	5,541	7,126	8,518	8,787
Export	-2,286	-6,612	-4,618	-5,725	-3,882	-5,067	-4,649	-5,846	-8,124
Transformation Sector	45,570	56,922	55,635	55,385	56,951	50,953	52,826	52,607	54,213
Power Generation	-9,784	-12,579	-14,749	-15,339	-16,244	-16,121	-16,312	-15,973	-16,178
Petroleum Refineries	48,726	59,384	58,749	58,377	60,052	67,074	69,138	68,580	70,391
Final Energy Consumption	39,064	47,103	48,193	48,837	52,308	56,735	58,856	61,271	61,069
Industry	5,251	7,065	7,186	6,555	7,406	15,752	15,248	16,202	14,831
Transport	23,481	24,794	25,241	25,539	28,199	31,357	33,633	34,334	35,127
Residential & Commercial	5,491	6,594	6,822	6,866	6,890	7,905	8,203	8,955	9,320
Agriculture	1,966	1,780	1,832	1,904	1,677	1,721	1,772	1,779	1,791
<b>Natural Gas</b>									
Primary Energy Supply	28,582	32,817	32,357	32,999	34,384	23,127	24,152	24,301	24,717
Indigenous Production	35,137	35,362	34,403	34,148	34,927	22,757	22,754	22,125	23,920
Import	-	35	49	53	385	370	1,397	2,176	837
Export	-6,555	-	-	-	-	-	-	-	-40
Transformation Sector	-10,175	-9,635	-12,401	-12,584	-14,756	-3,432	-4,034	-3,740	-4,497
Power Generation	-2,837	-1,957	-2,749	-2,557	-2,699	-3,432	-4,034	-3,740	-4,497
Final Energy Consumption	12,840	14,971	13,865	13,502	13,003	14,166	15,001	14,523	13,601
Industry	7,532	12,245	10,817	10,354	9,547	13,355	14,133	13,628	12,030
Transport	-	-	-	-	-	-	-	-	716
Residential & Commercial	470	633	685	720	774	811	868	895	854
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	5,320	7,339	8,280	8,761	9,465	10,675	11,060	11,342	12,074
Thermal	3,880	5,096	6,715	6,974	7,288	7,890	8,075	8,070	8,533
Hydro	1,439	2,243	1,565	1,786	2,081	2,019	1,879	2,251	2,256
Nuclear	-	-	-	-	97	765	1,105	1,021	1,285
Final Energy Consumption	4,497	6,051	6,658	7,039	7,611	8,617	8,850	9,094	9,137
Industry	2,458	3,383	3,724	3,963	4,256	4,592	4,488	4,543	5,089
Transport	37	56	65	68	66	69	69	75	77
Residential & Commercial	1,680	2,186	2,353	2,457	2,668	2,688	3,034	3,285	3,462
Agriculture	322	427	516	551	620	577	559	488	509

## Major Energy Indicators of Mexico (Continued)

												ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
138,273	132,872	137,535	142,081	147,524	149,397	150,132	151,873	155,213	159,520	164,848	176,372	
205,142	202,334	213,352	223,186	228,552	222,900	226,045	230,158	229,789	242,205	253,381	259,003	
11,328	8,869	9,106	14,915	16,778	19,221	24,318	22,321	23,986	24,080	25,037	28,296	
-77,665	-78,013	-84,961	-95,592	-97,192	-91,911	-97,242	-99,325	-96,838	-106,833	-111,320	-109,530	
96,055	94,485	94,144	96,514	99,188	96,785	100,640	98,310	99,659	100,478	105,335	108,110	
36,959	36,636	37,474	38,800	39,490	38,339	38,914	36,009	36,126	34,702	36,002	35,916	
36,853	35,394	34,299	35,062	36,339	36,287	38,125	38,715	39,892	42,199	45,150	47,668	
20,106	20,099	19,961	20,099	20,813	19,366	20,784	20,841	20,999	20,765	21,315	21,438	
2,138	2,356	2,409	2,553	2,546	2,793	2,817	2,746	2,642	2,811	2,868	3,088	
4,764	5,367	6,250	6,411	6,514	6,678	6,846	7,367	7,428	8,226	7,131	8,736	
4,133	4,325	4,856	5,003	5,293	4,869	5,415	5,578	5,261	4,607	4,748	5,158	
534	736	780	1,028	1,041	1,471	1,699	1,974	3,082	3,796	2,361	3,766	
-1	-1	-8	-1	-2	-39	-4	-5	-2	-1	-1	-1	
-3,051	-3,497	-4,233	-4,248	-4,319	-5,312	-5,440	-6,291	-6,421	-7,169	-5,835	-7,433	
-2,910	-3,347	-4,073	-4,097	-4,206	-4,669	-4,782	-5,784	-5,976	-6,729	-5,533	-7,120	
1,690	1,843	1,992	2,138	2,169	1,342	1,378	1,052	989	1,036	1,275	1,284	
1,690	1,843	1,992	2,138	2,169	1,342	1,378	1,052	989	1,036	1,275	1,284	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
89,393	85,029	82,452	81,236	83,195	84,647	78,307	80,901	83,790	84,343	87,267	91,730	
161,298	156,624	163,565	172,149	175,126	168,788	171,221	175,378	174,783	185,711	194,787	197,075	
-	-	-	-	-	277	202	177	235	202	165	209	
-71,905	-71,595	-81,113	-90,914	-91,931	-83,885	-92,197	-94,660	-91,484	-102,022	-107,168	-105,477	
-77,216	-73,669	-71,008	-71,357	-73,368	-74,150	-66,927	-68,468	-67,410	-73,290	-78,598	-85,553	
-77,216	-73,669	-71,008	-71,357	-73,368	-74,150	-66,927	-68,468	-67,410	-73,290	-78,598	-85,553	
3,603	-91	3,507	7,698	8,607	8,719	13,324	11,485	8,290	7,115	8,483	11,726	
9,657	6,598	7,507	12,837	14,377	16,178	19,955	17,000	14,641	12,010	13,158	16,821	
-5,424	-6,066	-3,417	-4,329	-4,972	-6,792	-4,821	-4,432	-5,283	-4,728	-4,064	-3,940	
53,879	53,048	47,450	44,636	45,496	46,793	41,990	43,970	46,687	51,141	54,397	55,684	
-19,284	-16,886	-17,399	-19,978	-22,048	-21,618	-22,951	-21,886	-19,679	-17,342	-15,916	-15,620	
73,164	69,935	64,849	64,613	67,545	68,411	64,941	65,855	66,366	68,483	70,313	71,304	
62,436	59,290	57,692	58,683	60,126	59,232	62,991	62,997	63,001	64,457	68,293	70,556	
14,999	13,079	12,756	12,862	12,667	13,145	14,088	13,722	12,591	12,063	12,481	12,252	
36,015	34,656	33,608	34,410	35,596	35,663	37,396	38,007	39,209	41,519	44,447	46,838	
9,848	9,776	9,567	9,515	9,983	8,319	9,371	9,160	9,172	8,697	9,098	9,004	
1,574	1,780	1,761	1,895	1,880	2,106	2,137	2,108	2,029	2,179	2,267	2,461	
25,438	25,361	27,785	28,832	31,460	30,961	33,521	34,503	38,337	41,979	43,700	44,418	
24,566	24,111	27,398	28,255	30,510	30,897	31,350	31,590	32,394	33,954	35,496	36,904	
1,039	1,435	699	896	1,231	1,239	2,370	3,143	5,981	8,064	9,348	7,493	
-166	-185	-312	-319	-280	-1,183	-204	-205	-38	-	-	-	
-5,075	-5,356	-5,709	-6,093	-7,008	-7,273	-8,980	-10,390	-13,525	-16,495	-18,521	-17,967	
-5,075	-5,356	-5,709	-6,093	-7,008	-7,273	-8,980	-10,390	-13,525	-16,495	-18,521	-17,967	
14,545	15,242	15,594	15,770	16,820	15,959	15,153	12,982	14,097	13,630	14,134	13,787	
13,001	13,819	14,146	14,356	15,377	14,667	13,734	11,525	12,578	12,049	12,473	11,997	
757	654	605	566	657	537	638	611	587	585	605	728	
786	768	843	848	786	755	781	845	932	996	1,055	1,062	
-	-	-	-	-	-	-	-	-	-	-	-	
13,047	13,544	14,469	15,557	15,587	16,331	17,513	17,988	18,458	18,737	19,271	20,201	
10,218	8,977	9,712	10,560	11,055	10,905	12,522	13,263	13,772	14,290	14,707	15,000	
1,724	2,367	2,704	2,273	2,118	2,819	2,849	2,451	2,146	1,710	2,168	2,385	
1,105	2,200	2,053	2,725	2,414	2,607	2,142	2,274	2,540	2,737	2,396	2,816	
9,882	10,279	11,018	11,843	12,348	13,040	13,944	14,035	14,390	14,362	14,621	15,248	
5,546	5,888	6,593	7,262	7,519	7,982	8,551	8,472	8,786	8,556	8,749	9,125	
81	84	85	86	86	87	92	96	96	96	98	102	
3,692	3,732	3,691	3,838	4,077	4,283	4,621	4,829	4,896	5,077	5,173	5,395	
563	575	649	658	666	688	679	638	612	633	601	627	

## Major Economic Indicators of Mexico

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	67.57	75.47	78.57	80.12	81.67	83.23	84.79	86.37
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	345.56	380.38	372.89	377.54	393.39	413.33	430.78	446.41
Real Term (Billions of 2000 Price and 2000 PPP)	535.50	589.45	577.85	585.05	609.61	640.51	667.55	691.77
Nominal (Billions of Current USD)	194.77	184.49	140.27	183.14	222.98	262.71	314.45	363.61
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	5,114	5,040	4,746	4,712	4,817	4,966	5,080	5,169
Real Term (2000 Price and 2000 PPP)	7,925	7,811	7,355	7,303	7,464	7,696	7,873	8,010
Nominal (Current USD)	2,883	2,445	1,785	2,286	2,730	3,157	3,708	4,210
Nominal GDP & its Components (Billions of Current MXN) *1								
Gross Domestic Product	4.47	47.39	193.31	416.31	548.86	738.90	949.15	1,125.33
Household Final Consumption Expenditure, etc.	2.91	30.57	127.27	281.57	377.91	514.12	669.16	808.12
General Government Final Consumption Expenditure	0.45	4.37	17.00	35.03	45.38	61.95	86.16	111.75
Gross Fixed Capital Formation	1.11	9.05	35.67	77.11	94.67	132.11	177.04	220.55
Stock Change	0.11	0.99	1.57	16.81	31.25	38.88	44.38	41.56
Exports of Goods and Services	0.48	7.31	37.69	82.96	104.27	137.44	155.33	171.48
Imports of Goods and Services	0.58	4.90	25.88	77.17	104.62	145.60	182.92	228.12
Real GDP & its Components (Billions of 1993 MXN) *1								
Gross Domestic Product	953.81	1,049.91	1,029.25	1,042.07	1,085.82	1,140.85	1,189.02	1,232.16
Household Final Consumption Expenditure, etc.	679.51	718.28	698.78	711.45	763.27	812.34	850.34	890.13
General Government Final Consumption Expenditure	94.53	117.50	117.81	119.32	121.94	126.01	132.84	135.31
Gross Fixed Capital Formation	219.09	174.43	153.67	162.55	171.90	194.46	215.83	239.23
Stock Change	47.63	23.61	14.99	25.87	19.49	19.04	18.89	26.75
Exports of Goods and Services	75.75	119.32	136.51	144.38	152.55	160.64	168.79	177.20
Imports of Goods and Services	144.42	91.46	88.87	121.50	143.33	171.63	197.68	236.46
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	6.4	6.6	6.7	6.3	6.1	6.1	6.0	5.7
Industry	25.1	24.1	24.0	24.3	24.7	25.1	24.9	25.1
Services, etc.	59.1	60.6	61.3	61.4	61.2	60.7	61.1	61.2
Industrial Production Index (2000=100) *2	56.6	59.8	57.8	59.5	63.1	67.4	69.6	72.7
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	18.031	26.757	27.600	30.691	35.171	40.711	42.688	46.196
Imports, c.i.f.	22.144	19.116	19.697	29.402	36.400	43.548	52.315	65.050
Balance of Payments (Billions of Current USD) *2								
Trade Balance	-3.056	8.399	8.786	2.611	0.405	-0.881	-7.279	-15.934
Current Account	-10.422	0.800	4.247	-2.374	-5.825	-7.451	-14.888	-24.442
Overall Balance	0.817	-2.729	4.134	-10.062	-0.211	2.218	7.973	1.745
Foreign Exchange Rate (MXN/USD) *1	0.0230	0.2569	1.3782	2.2731	2.4615	2.8126	3.0184	3.0949
Purchasing Power Parity (MXN/International Dollar) *1	0.0155	0.1154	0.4571	0.9401	1.1460	1.4137	1.6835	1.8827
Price Indices								
GDP Deflator (1993=100) *3	0.5	4.5	18.8	39.9	50.5	64.8	79.8	91.3
Wholesale Price Index (2000=100) *2	0.3	1.6	7.4	15.2	16.9	20.6	25.1	28.1
Consumer Price Index (2000=100) *2	0.1	1.3	5.7	12.2	14.7	18.6	22.8	26.3
Growth Rate (%)								
Real GDP *3	9.23	2.59	1.86	1.25	4.20	5.07	4.22	3.63
Population *3	2.51	2.10	2.01	1.97	1.94	1.91	1.88	1.86
Price *2								
Wholesale Price Index	24.5	56.6	141.4	105.3	11.5	21.7	21.6	12.3
Consumer Price Index	26.4	57.7	131.8	114.2	20.0	26.7	22.7	15.5

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: MXN shows Mexican Nuevo Peso, USD shows United States Dollar

: PPP shows Purchasing Power Parity



Major Economic Indicators of Mexico (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
87.95	89.55	91.15	92.57	93.93	95.25	96.58	97.97	98.99	100.00	101.02	102.05	103.09
455.12	475.41	445.85	468.76	500.52	525.08	545.42	581.43	580.52	585.32	593.55	618.01	636.27
705.27	736.71	690.90	726.41	775.63	813.69	845.20	901.00	899.59	907.03	919.79	957.69	985.99
403.19	421.72	286.70	332.91	401.48	421.21	481.20	581.43	622.09	649.08	639.11	683.49	768.44
5,175	5,309	4,892	5,064	5,329	5,513	5,647	5,935	5,864	5,853	5,876	6,056	6,172
8,019	8,227	7,580	7,847	8,258	8,543	8,751	9,197	9,087	9,070	9,105	9,385	9,564
4,584	4,710	3,146	3,596	4,274	4,422	4,982	5,935	6,284	6,491	6,327	6,698	7,454
1,256.20	1,423.36	1,840.43	2,529.91	3,179.12	3,848.22	4,600.49	5,497.74	5,811.78	6,267.47	6,895.36	7,713.80	8,374.35
903.17	1,016.13	1,232.00	1,646.26	2,042.08	2,593.35	3,084.14	3,682.55	4,044.88	4,326.51	4,736.78	5,253.41	5,717.04
138.56	164.16	191.98	243.71	314.62	399.96	506.46	612.62	683.38	759.87	855.75	913.97	966.82
233.18	274.86	296.71	451.08	619.49	804.00	973.80	1,174.30	1,161.95	1,205.94	1,304.93	1,514.57	1,616.40
30.60	36.74	70.80	136.81	206.31	132.48	110.57	137.90	50.30	89.00	111.17	189.37	208.49
191.54	238.96	558.80	811.51	962.22	1,181.19	1,414.08	1,700.95	1,601.67	1,681.10	1,916.75	2,280.51	2,505.12
240.86	307.49	509.86	759.45	965.61	1,262.76	1,488.56	1,810.58	1,730.39	1,794.95	2,030.03	2,438.04	2,639.53
1,256.20	1,312.20	1,230.61	1,293.86	1,381.53	1,449.31	1,505.45	1,604.83	1,602.32	1,615.56	1,638.30	1,705.80	1,756.21
903.17	944.55	854.69	873.66	930.15	980.56	1,022.77	1,106.45	1,133.86	1,151.83	1,177.44	1,225.59	1,291.49
138.56	142.52	140.64	139.61	143.65	146.92	153.84	157.50	154.38	153.87	155.11	154.47	155.17
233.18	252.75	179.44	208.86	252.80	278.79	300.28	334.38	315.53	313.52	314.67	338.29	364.09
30.60	38.80	10.20	29.32	44.65	47.89	41.61	47.53	49.98	48.63	31.80	33.80	7.32
191.54	225.63	293.76	347.31	384.53	431.38	484.56	563.46	543.19	551.03	565.87	631.73	675.07
240.86	292.05	248.12	304.90	374.25	436.23	497.61	604.48	594.62	603.32	607.50	678.07	736.94
5.8	5.6	6.0	5.9	5.6	5.3	5.3	5.0	5.2	5.2	5.3	5.2	5.0
24.7	24.8	24.3	25.5	26.1	26.4	26.6	26.5	25.6	25.4	25.0	25.0	24.7
61.5	61.6	61.6	60.6	60.3	60.2	60.0	60.4	61.1	61.4	61.7	61.7	62.3
72.9	76.4	70.4	77.5	84.7	90.0	94.2	100.0	96.5	96.4	96.3	100.3	102.0
51.886	60.882	79.542	96.000	110.431	117.460	136.391	166.367	158.547	160.682	165.396	187.999	213.711
68.439	83.075	75.858	93.674	114.846	130.948	146.084	182.702	176.185	176.607	178.503	206.060	231.670
-13.481	-18.464	7.089	6.531	0.623	-7.834	-5.613	-8.337	-9.617	-7.633	-5.780	-8.811	-7.587
-23.400	-29.662	-1.576	-2.537	-7.695	-16.017	-13.976	-18.707	-17.707	-14.125	-8.836	-6.706	-4.924
7.232	-17.199	-16.312	10.997	19.162	3.170	4.250	7.126	7.314	7.359	9.817	4.104	6.965
3.1156	3.3751	6.4194	7.5994	7.9185	9.1360	9.5604	9.4556	9.3423	9.6560	10.7890	11.2860	10.8979
2.0152	2.1407	2.8926	3.7112	4.2958	4.9023	5.5617	6.1018	6.3085	6.6313	7.0509	7.3820	7.5562
100.0	108.5	149.6	195.5	230.1	265.5	305.6	342.6	362.7	387.9	420.9	452.2	476.8
30.2	32.1	44.5	59.5	70.0	81.2	92.7	100.0	105.0	110.4	118.6	129.7	135.1
28.9	30.9	41.7	56.0	67.6	78.3	91.3	100.0	104.4	111.7	116.8	122.3	127.1
1.95	4.46	-6.22	5.14	6.78	4.91	3.87	6.60	-0.16	0.83	1.41	4.12	2.96
1.83	1.81	1.79	1.56	1.46	1.41	1.40	1.43	1.05	1.02	1.02	1.02	1.02
7.4	6.1	38.6	33.9	17.5	16.0	14.2	7.8	5.0	5.1	7.5	9.3	4.2
9.8	7.0	35.0	34.4	20.6	15.9	16.6	9.5	6.4	5.0	4.5	4.7	4.0

## Energy Price of Mexico in 2005

## Currency Exchange Rate

	Local currency / USD	10.89
<b>Currency Exchange Rate</b>		
<b>Local Currency Unit</b>		MEX\$

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal			Coking Coal			Coking Coal		
Anthracite	US\$ / kg	0.15	Anthracite			Anthracite		
Other bituminous coal			Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal	US\$ / kg	0.09	Sub-bituminous Coal			Sub-bituminous Coal		
Lignite	US\$ / kg	0.40	Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke	US\$ / kg	0.26	Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB	US\$ / kg	0.47	BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Crude Oil			Crude Oil			Crude Oil		
Natural Gas Liquids			Natural Gas Liquids			Natural Gas Liquids		
Ethane			Ethane			Ethane		
LPG	US\$ / bbl	42.02	LPG	\$ / kg	5.78	LPG		
Naphtha			Naphtha			Naphtha		
Motor Gasoline			Motor Gasoline			Motor Gasoline		
Aviation Gasoline	US\$ / bbl	92.47	Aviation Gasoline			Aviation Gasoline	\$ / l	6.3
Gasoline Type Jet Fuel			Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Kerosene Type Jet Fuel			Kerosene Type Jet Fuel	\$ / l	4.98	Kerosene Type Jet Fuel	\$ / l	5.7
Other Kerosene			Other Kerosene			Other Kerosene	\$ / l	5.2
Gas/Diesel Oil	US\$ / bbl	77.11	Gas/Diesel Oil	\$ / l	4.50	Gas/Diesel Oil	\$ / l	5.1
Fuel Oil	US\$ / bbl	43.33	Fuel Oil	\$ / l	2.01	Fuel Oil	\$ / l	2.3
White Spirit SBP			White Spirit SBP			White Spirit SBP		
Lubricants			Lubricants			Lubricants		
Bitumen			Bitumen			Bitumen		
Paraffin Waxes			Paraffin Waxes			Paraffin Waxes		
Petroleum Coke			Petroleum Coke			Petroleum Coke	\$ / m3	29.1
<b>Natural Gas</b>			<b>Natural Gas</b>			<b>Natural Gas</b>		
Natural Gas	US\$ / Gcal	33.15	Natural Gas	\$ / Gcal	346.13	Natural Gas	\$ / Gcal	381.6
Liquefied Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
Compressed Natural Gas			Compressed Natural Gas			Compressed Natural Gas		
<b>Electricity</b>			<b>Electricity</b>			<b>Electricity</b>		
Electricity			Electricity			Industrial	\$ / kWh	1.0
<b>Other Energy Products</b>			<b>Other Energy Products</b>			Commercial	\$ / kWh	1.9
Motor Gasoline (Premium)			Motor Gasoline (Premium)	\$ / l	5.07	Residential	\$ / kWh	0.9
Motor Gasoline (Premium)			Motor Gasoline (Premium)	\$ / l	5.69	Others	\$ / kWh	0.4
						<b>Other Energy Products</b>		
						Motor Gasoline (Premium)	\$ / l	7.4
						Motor Gasoline (Premium)	\$ / l	6.29

Note: Import prices are FOB prices, CIF prices are no available.

Consumers prices include taxes (VAT and Excise tax)

Import prices and wholesale prices for electricity are not available.

## Original Table (Quarterly) of Mexico in 2006

Coal		Unit: 1000ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	-	-	-	-
	FEB.	-	-	-	-
	MAR.	-	-	-	-
	<b>1st quarter</b>	-	-	-	-
	APR.	-	-	-	-
	MAY.	-	-	-	-
	JUN.	-	-	-	-
	<b>2nd quarter</b>	-	-	-	-
	JUL.	-	-	-	-
	AUG.	-	-	-	-
	SEP.	-	-	-	-
	<b>3rd quarter</b>	-	-	-	-
	OCT.	-	-	-	-
	NOV.	-	-	-	-
	DEC.	-	-	-	-
	<b>4th quarter</b>	-	-	-	-
		-	-	-	-

Oil		Unit: 1000bbl						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	104,604		63,601	-663	12,082	4,544	
	FEB.	96,093		57,058	443	13,684	2,756	
	MAR.	103,945		61,569	1,346	13,532	6,767	
	<b>1st quarter</b>	304,641		182,229	1,125	39,297	14,067	
	APR.	101,204		54,977	3,948	12,540	5,673	
	MAY.	103,303		56,759	-2,542	10,235	4,647	
	JUN.	98,714		53,277	879	8,789	3,272	
	<b>2nd quarter</b>	303,220		165,013	2,284	31,563	13,593	
	JUL.	100,278		50,685	952	9,877	4,812	
	AUG.	94,368		51,511	924	9,667	4,198	
	SEP.	97,789		50,353	2,857	7,617	4,568	
	<b>3rd quarter</b>	292,435		152,549	4,733	27,161	13,578	
	OCT.	98,437		52,065	1,586	11,744	4,962	
	NOV.	94,967		53,639	-73	10,584	4,001	
	DEC.	92,410		47,266	-719	10,306	3,532	
	<b>4th quarter</b>	285,814		152,969	794	32,635	12,495	
	1,186,111	-	652,760	8,937	130,657	53,732	-	

Original Table (Quarterly) of Mexico in 2006 (Continued)

Natural Gas ( or LNG)		Unit: 1,000CM			
		Production	Imports	Exports	Stock Changes
2006	JAN.	5,612,280	303,343	44,605	23,060
	FEB.	5,647,726	414,795	17,792	-1,368
	MAR.	5,710,504	493,293	22,860	-2,825
	<b>1st quarter</b>	16,970,510	1,211,431	85,258	18,867
	APR.	5,803,461	469,727	2,392	7,517
	MAY.	5,801,629	712,701	4,320	-6,922
	JUN.	5,836,098	773,075	-	-4,051
	<b>2nd quarter</b>	17,441,189	1,955,502	6,712	-3,455
	JUL.	5,871,014	682,113	-	9,358
	AUG.	5,901,472	571,112	-	-3,355
	SEP.	5,894,179	364,630	68,785	-11,021
	<b>3rd quarter</b>	17,666,665	1,617,855	68,785	-5,017
	OCT.	5,763,966	426,524	47,613	2,719
	NOV.	5,568,633	272,275	46,392	912
	DEC.	5,797,289	298,876	124,820	989
	<b>4th quarter</b>	17,129,887	997,675	218,825	4,620
		69,208,252	5,782,464	379,581	15,015

Electricity		Unit: GWh					Imports	Exports
		Total	Thermal	Hydro	Nuclear	Others		
2006	JAN.	17,278	13,582	2,087	1,004	605	12	88
	FEB.	16,160	12,813	1,921	872	555	8	84
	MAR.	18,567	14,334	2,688	913	632	4	92
	<b>1st quarter</b>	52,005	40,729	6,695	2,789	1,792	24	263
	APR.	18,023	14,330	2,366	769	558	10	81
	MAY.	19,772	15,727	2,829	676	540	27	53
	JUN.	20,002	16,042	2,616	941	404	82	55
	<b>2nd quarter</b>	57,798	46,098	7,811	2,386	1,502	120	189
	JUL.	20,279	16,360	2,562	953	405	167	79
	AUG.	20,265	15,586	3,182	972	525	118	81
	SEP.	18,977	14,121	3,312	934	611	55	104
	<b>3rd quarter</b>	59,522	46,066	9,055	2,859	1,541	339	263
	OCT.	19,105	15,121	2,464	906	614	17	182
	NOV.	17,558	13,715	2,294	935	614	12	190
	DEC.	17,575	13,932	1,985	991	668	10	212
	<b>4th quarter</b>	54,239	42,768	6,743	2,832	1,896	39	583
		223,563	175,661	30,305	10,866	6,731	523	1,299

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.

## 3.12 New Zealand

## Energy Balance Table of New Zealand in 2005

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
<b>1 Indigenous Production</b>	3,057	-	1,057	-	-	-	-	-	-
<b>2 Import</b>	557	-	4,829	2,021	913	-	229	-	734
<b>3 Export</b>	-1,684	-	-622	-178	-13	-	-	-	-3
<b>4 International Marine Bunkers</b>	-	-	-	-229	-	-	-	-	-24
<b>5 Stock Changes</b>	74	-	-159	101	19	-	15	1	40
<b>6 Total Primary Energy Supply</b>	2,003	-	5,105	1,714	919	-	244	1	747
<b>7 Transfers</b>	-	-	-170	176	1	-	-1	-	-
<b>8 Total Transformation Sector</b>	-1,619	-	-5,096	5,455	1,769	-	945	2	1,838
<b>8.1 Main Activity Producer</b>	-1,215	-	-	-1	-	-	-	-	-1
<b>8.2 Autoproducers</b>	-21	-305	-	-	-	-	-	-	-
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-5,096	5,456	1,769	-	945	2	1,839
<b>8.5 Coal Transformation</b>	-384	305	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-	-	-336	-	-	-	-	-
<b>10. Discrepancy</b>	103	-	162	-215	-146	-	-2	1	-64
<b>11 Total Final Energy Consumption</b>	486	-	-	6,795	2,543	-	1,185	4	2,521
<b>12 Industry Sector</b>	364	-	-	652	11	-	-	3	293
<b>13 Transport Sector</b>	-	-	-	5,585	2,503	-	1,185	1	1,802
<b>14 Other Sector</b>	122	-	-	558	30	-	-	-	426
<b>14.1 Residential &amp; Commercial</b>	95	-	-	255	3	-	-	-	150
<b>14.2 Agriculture</b>	27	-	-	179	26	-	-	-	153
<b>14.3 Other</b>	-	-	-	124	1	-	-	-	123
<b>15 Non-energy</b>	-	-	-	280	-	-	-	-	-

## Energy Balance Table of New Zealand in 2004

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
<b>1 Indigenous Production</b>	3,007	-	1,152	-	-	-	-	-	-
<b>2 Import</b>	450	-	4,808	2,209	949	-	301	-	815
<b>3 Export</b>	-1,379	-	-741	-79	-	-	-	-	-5
<b>4 International Marine Bunkers</b>	-	-	-	-225	-	-	-	-	-38
<b>5 Stock Changes</b>	-268	-	58	-149	-90	-	-36	-	-30
<b>6 Total Primary Energy Supply</b>	1,811	-	5,277	1,756	859	-	265	-	741
<b>7 Transfers</b>	-	-	-182	185	-13	-	-19	-	-1
<b>8 Total Transformation Sector</b>	-1,371	-	-5,208	5,326	1,741	-	990	3	1,820
<b>8.1 Main Activity Producer</b>	-955	-	-	-5	-	-	-	-	-5
<b>8.2 Autoproducers</b>	-20	-348	-	-	-	-	-	-	-
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-5,208	5,331	1,741	-	990	3	1,825
<b>8.5 Coal Transformation</b>	-396	348	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-	-	-318	-	-	-	-	-
<b>10. Discrepancy</b>	77	-	114	-145	2	-	47	2	-168
<b>11 Total Final Energy Consumption</b>	518	-	-	6,804	2,589	-	1,283	5	2,392
<b>12 Industry Sector</b>	338	-	-	674	10	-	-	3	299
<b>13 Transport Sector</b>	-	-	-	5,664	2,542	-	1,283	1	1,755
<b>14 Other Sector</b>	179	-	-	466	37	-	-	1	337
<b>14.1 Residential &amp; Commercial</b>	167	-	-	184	11	-	-	-	83
<b>14.2 Agriculture</b>	12	-	-	169	26	-	-	1	142
<b>14.3 Other</b>	-	-	-	114	1	-	-	-	113
<b>15 Non-energy</b>	-	-	-	292	-	-	-	-	-

Energy Balance Table of New Zealand in 2005 (Continued)

												unit: ktoe
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	3,194	2,018	-	2,719	870	-	-	12,916
-	14	-	-	132	-	-	-	-	-	-	-	7,406
-147	-15	-	-	-	-	-	-	-	-	-	-	-2,484
-205	-	-	-	-	-	-	-	-	-	-	-	-229
20	-	-	-	5	1	-	-	-	-	-	-	16
-332	-1	-	-	136	3,195	2,018	-	2,719	870	-	-	17,625
-	176	-	-	-	-	-	-	-	-	-	-	6
421	-	285	-	195	-1,699	-2,018	-	-2,483	-206	3,690	12	-3,964
-	-	-	-	-	-1,550	-2,018	-	-2,483	-24	3,530	-	-3,761
-	-	-	-	-	-148	-	-	-	-182	160	12	-484
-	-	-	-	-	-	-	-	-	-	-	-	-
421	-	285	-	195	-	-	-	-	-	-	-	360
-	-	-	-	-	-	-	-	-	-	-	-	-79
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-285	-	-51	-148	-	-	-	-	-455	-	-939
-2	-2	-	-	-	17	-	-	-	-0	-49	-12	6
87	173	-	-	280	1,365	-	-	236	665	3,187	-	12,735
4	61	-	-280	269	634	-	-	136	510	1,280	-	3,577
64	29	-	-	-	4	-	-	-	-	39	-	5,627
19	82	-	-	-	298	-	-	100	155	1,868	-	3,101
19	82	-	-	-	298	-	-	100	155	1,750	-	2,653
-	-	-	-	-	-	-	-	-	-	113	-	319
-	-	-	-	-	-	-	-	-	-	4	-	129
-	-	-	-	280	429	-	-	-	-	-	-	710

Energy Balance Table of New Zealand in 2004 (Continued)

												unit: ktoe
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	3,453	2,339	-	2,608	828	-	-	13,386
-	9	-	-	135	-	-	-	-	-	-	-	7,467
-57	-17	-	-	-	-	-	-	-	-	-	-	-2,198
-187	-	-	-	-	-	-	-	-	-	-	-	-225
-8	-2	-	-	17	-1	-	-	-	-	-	-	-359
-252	-10	-	-	152	3,452	2,339	-	2,608	828	-	-	18,071
-	189	-	-	30	-	-	-	-	-	-	-	3
336	-	261	-	175	-1,305	-2,339	-	-2,376	-177	3,672	24	-3,754
-	-	-	-	-	-1,185	-2,339	-	-2,376	-26	3,530	-	-3,356
-	-	-	-	-	-120	-	-	-	-151	143	24	-473
-	-	-	-	-	-	-	-	-	-	-	-	-
336	-	261	-	175	-	-	-	-	-	-	-	122
-	-	-	-	-	-	-	-	-	-	-	-	-48
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-261	-	-57	-139	-	-	-	-	-408	-	-865
-21	-	-	-	-8	-8	-	-	-	-0	-39	-24	-24
63	179	-	-	292	2,000	-	-	233	651	3,226	-	13,430
2	68	-	-292	282	571	-	-	133	497	1,302	-	3,515
54	28	-	-	-	5	-	-	-	-	39	-	5,708
8	82	-	-	-	337	-	-	99	154	1,886	-	3,121
8	82	-	-	-	337	-	-	99	154	1,764	-	2,705
-	-	-	-	-	-	-	-	-	-	117	-	298
-	-	-	-	-	-	-	-	-	-	5	-	118
-	-	-	-	292	1,087	-	-	-	-	-	-	1,379

## Major Energy Indicators of New Zealand

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	9,501	11,968	12,620	12,401	13,540	15,410	15,677	16,302	16,767
Indigenous Production	6,031	10,037	10,613	11,129	11,982	12,701	13,104	13,476	13,884
Import	4,058	3,150	3,137	2,887	3,541	3,803	3,878	3,803	4,179
Export	-86	-1,036	-662	-1,187	-1,756	-733	-910	-806	-1,009
Final Energy Consumption	7,301	9,180	9,502	9,445	9,717	9,409	9,694	9,849	10,193
Industry	2,472	3,456	3,324	3,199	3,267	3,654	3,882	3,916	4,119
Transport	2,269	2,574	3,060	3,090	3,242	3,430	3,425	3,564	3,668
Residential & Commercial	1,964	2,054	2,029	2,069	2,096	1,931	2,028	2,011	2,008
Agriculture	448	447	425	404	402	264	263	256	265
<b>Coal, Coal Products</b>									
Primary Energy Supply	1,113	1,034	1,091	1,076	1,169	1,128	1,067	1,220	1,147
Indigenous Production	1,179	1,330	1,304	1,335	1,514	1,389	1,450	1,649	1,703
Import	-	1	1	1	1	-	-	-	-
Export	-66	-297	-215	-260	-347	-225	-407	-530	-557
Transformation Sector	-152	-237	-218	-157	-87	-456	-395	-603	-485
Power Generation	-127	-223	-202	-157	-87	-209	-122	-318	-201
Final Energy Consumption	851	907	954	984	1,023	572	674	617	663
Industry	556	661	742	779	818	446	461	467	465
Transport	2	2	2	2	2	-	-	-	-
Residential & Commercial	291	241	206	197	193	95	195	142	191
Agriculture	3	4	5	6	10	10	18	8	8
<b>Crude Oil</b>									
Primary Energy Supply	3,030	1,600	3,527	3,818	4,310	5,972	5,901	5,895	6,381
Indigenous Production	337	1,265	1,332	1,603	1,796	2,599	2,571	2,624	2,700
Import	2,746	990	2,352	2,560	3,146	3,292	3,376	3,287	3,679
Export	-	-658	-106	-328	-625	-	-	-	-
Transformation Sector	-3,102	-1,610	-3,541	-3,912	-4,340	-4,968	-4,885	-4,868	-5,054
Petroleum Refineries	-3,102	-1,610	-3,541	-3,912	-4,340	-4,968	-4,885	-4,868	-5,054
<b>Petroleum Products</b>									
Primary Energy Supply	865	2,001	153	-545	-465	-318	-335	45	-142
Import	1,312	2,159	784	326	394	511	502	516	500
Export	-20	-80	-342	-599	-784	-508	-503	-276	-452
Transformation Sector	2,865	1,513	3,740	4,245	4,678	4,904	4,863	4,927	5,108
Power Generation	-	-	-	-	-	-3	-6	-38	-1
Petroleum Refineries	2,865	1,513	3,740	4,245	4,678	4,907	4,869	4,965	5,109
Final Energy Consumption	3,660	3,515	3,884	3,892	4,060	4,431	4,308	4,602	4,604
Industry	488	321	278	260	250	586	524	593	576
Transport	2,256	2,444	2,949	2,995	3,165	3,369	3,349	3,501	3,613
Residential & Commercial	376	238	148	143	130	173	169	220	131
Agriculture	393	375	353	323	326	195	184	186	189
<b>Natural Gas</b>									
Primary Energy Supply	760	3,022	3,505	3,795	3,906	3,897	4,228	4,482	4,372
Indigenous Production	763	3,021	3,507	3,797	3,906	3,897	4,228	4,482	4,372
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-316	-1,550	-2,060	-2,363	-2,496	-2,501	-2,528	-2,885	-2,677
Power Generation	-332	-1,344	-1,090	-1,191	-1,267	-1,230	-1,502	-1,623	-1,501
Final Energy Consumption	407	1,355	1,395	1,407	1,400	1,295	1,541	1,474	1,586
Industry	311	593	616	621	623	1,057	1,297	1,222	1,332
Transport	8	126	107	90	70	57	57	53	49
Residential & Commercial	84	120	159	181	183	181	188	199	204
Agriculture	1	5	4	4	4	-	-	-	-
<b>Electricity</b>									
Power Generation	1,952	2,379	2,497	2,604	2,625	2,775	2,832	2,796	2,938
Thermal	303	702	630	649	704	768	843	1,021	928
Hydro	1,648	1,678	1,867	1,955	1,920	2,007	1,989	1,774	2,010
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	1,670	2,082	2,209	2,277	2,336	2,390	2,456	2,386	2,551
Industry	645	849	905	931	956	961	1,003	990	1,083
Transport	3	3	3	4	5	5	19	10	6
Residential & Commercial	971	1,166	1,239	1,271	1,314	1,365	1,359	1,324	1,356
Agriculture	51	64	63	71	61	59	61	61	67



Major Energy Indicators of New Zealand (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
17,090	16,024	16,741	17,069	16,750	17,665	17,930	18,037	18,291	17,818	18,071	17,625
13,473	13,202	14,072	14,693	13,779	14,460	14,835	14,685	15,063	13,657	13,386	12,916
4,935	5,092	5,446	5,602	6,151	6,117	5,927	6,006	6,367	6,747	7,467	7,406
-941	-2,067	-2,667	-2,882	-2,705	-2,569	-2,546	-2,707	-2,754	-2,618	-2,198	-2,484
10,821	11,324	11,784	11,991	12,023	12,714	13,049	12,852	13,419	12,939	13,430	12,735
4,386	4,623	4,986	4,968	4,855	5,220	5,322	5,034	5,206	4,410	4,602	4,006
3,932	4,201	4,282	4,433	4,508	4,697	4,814	4,883	5,181	5,509	5,708	5,627
2,100	2,100	2,078	2,117	2,145	2,210	2,478	2,511	2,562	2,534	2,705	2,653
280	288	303	325	350	337	315	320	345	306	298	319
1,077	1,126	1,181	1,200	1,087	1,101	1,042	1,275	1,237	1,813	1,811	2,003
1,720	2,108	2,110	1,952	1,931	2,078	2,333	2,365	2,731	3,089	3,007	3,057
-	-	-	-	-	-	-	-	-	-	450	557
-745	-983	-1,167	-871	-784	-956	-1,122	-1,309	-1,418	-1,601	-1,379	-1,684
-447	-525	-595	-630	-548	-650	-577	-703	-693	-1,149	-1,371	-1,619
-190	-246	-341	-549	-547	-636	-597	-740	-783	-1,218	-1,323	-1,541
649	609	581	565	544	480	464	569	534	664	518	486
461	395	402	414	415	363	353	425	397	539	338	364
2	2	2	2	2	-	-	-	-	-	-	-
170	188	154	129	110	105	98	130	122	112	167	95
16	23	23	20	17	12	14	13	15	13	12	27
6,900	5,362	5,366	5,768	5,928	5,310	5,452	5,367	5,592	5,453	5,277	5,105
2,616	2,152	2,614	3,203	2,564	2,126	1,922	1,824	1,672	1,302	1,152	1,057
4,297	4,159	4,196	4,316	5,204	4,664	4,723	4,679	4,994	5,209	4,808	4,829
-	-1,053	-1,357	-1,776	-1,695	-1,404	-1,219	-1,250	-1,118	-927	-741	-622
-5,418	-5,326	-5,147	-5,625	-5,742	-5,130	-5,265	-5,261	-5,369	-5,464	-5,208	-5,096
-5,418	-5,326	-5,147	-5,625	-5,742	-5,130	-5,265	-5,261	-5,369	-5,464	-5,208	-5,096
-24	595	847	562	452	998	855	899	801	1,286	1,756	1,714
637	933	1,250	1,286	947	1,454	1,203	1,327	1,373	1,537	2,209	2,021
-197	-31	-142	-235	-226	-209	-205	-148	-219	-90	-79	-178
5,309	4,919	4,789	5,180	5,390	5,102	5,293	5,216	5,556	5,415	5,326	5,455
-1	-1	-1	-	-	-	-	-	-	-6	-5	-1
5,310	4,920	4,790	5,180	5,390	5,102	5,293	5,216	5,556	5,421	5,331	5,456
5,029	5,295	5,346	5,478	5,464	5,692	5,840	5,826	6,162	6,545	6,804	6,795
637	655	648	627	521	544	617	552	576	581	674	652
3,885	4,163	4,254	4,391	4,464	4,665	4,775	4,847	5,144	5,468	5,664	5,585
214	184	144	140	137	134	140	129	116	146	184	255
195	188	196	204	230	222	189	193	209	175	169	179
4,067	3,856	4,396	4,713	4,150	4,810	5,057	5,321	5,058	3,855	3,452	3,195
4,067	3,856	4,397	4,712	4,151	4,810	5,056	5,321	5,058	3,855	3,453	3,194
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-2,196	-1,657	-1,722	-1,791	-1,549	-1,923	-1,927	-2,400	-1,901	-1,870	-1,305	-1,699
-1,221	-1,046	-1,348	-1,761	-1,549	-1,923	-1,927	-2,400	-1,901	-1,870	-1,305	-1,699
1,764	2,017	2,383	2,486	2,428	2,712	3,079	2,813	2,955	1,859	2,000	1,365
1,513	1,780	2,150	2,251	2,192	2,427	2,617	2,366	2,522	1,501	1,658	1,063
40	31	23	16	11	1	2	3	4	5	5	4
211	207	210	220	225	284	460	443	429	353	337	298
-	-	-	-	-	-	-	-	-	-	-	-
3,015	3,037	3,120	3,085	3,122	3,284	3,373	3,391	3,535	3,547	3,672	3,690
793	693	886	1,036	1,023	1,267	1,276	1,546	1,366	1,509	1,333	1,672
2,222	2,344	2,233	2,049	2,099	2,017	2,097	1,845	2,170	2,038	2,339	2,018
-	-	-	-	-	-	-	-	-	-	-	-
2,611	2,621	2,699	2,706	2,795	2,885	2,894	2,840	2,931	3,018	3,226	3,187
1,132	1,135	1,135	1,046	1,060	1,067	1,213	1,134	1,126	1,188	1,302	1,280
5	5	4	24	31	31	37	33	33	35	39	39
1,379	1,396	1,445	1,504	1,550	1,561	1,532	1,560	1,642	1,670	1,764	1,750
69	77	84	101	102	103	113	114	122	119	117	113

## Major Economic Indicators of New Zealand

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	3.11	3.27	3.31	3.35	3.40	3.45	3.50	3.53
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	33.06	38.69	39.67	39.61	39.84	39.83	39.31	39.74
Real Term (Billions of 2000 Price and 2000 PPP)	48.07	56.25	57.66	57.59	57.92	57.90	57.14	57.78
Nominal (Billions of Current USD)	23.01	22.99	37.29	44.48	42.95	43.90	42.36	40.71
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	10,621	11,827	12,002	11,825	11,725	11,552	11,247	11,254
Real Term (2000 Price and 2000 PPP)	15,441	17,193	17,447	17,190	17,044	16,793	16,350	16,360
Nominal (Current USD)	7,391	7,029	11,283	13,277	12,640	12,731	12,119	11,526
Nominal GDP & its Components (Billions of Current NZD) *1								
Gross Domestic Product	23.62	46.52	63.19	67.89	71.82	73.58	73.43	75.79
Household Final Consumption Expenditure, etc.	13.80	27.15	36.57	39.61	42.44	44.64	44.49	45.36
General Government Final Consumption Expenditure	4.87	8.66	11.60	12.53	13.24	14.03	14.28	14.84
Gross Fixed Capital Formation	4.86	12.60	14.41	14.03	15.25	14.92	12.52	13.09
Stock Change	-0.05	-0.20	-0.41	-0.11	1.29	-0.15	-0.09	0.62
Exports of Goods and Services	6.93	13.80	16.45	17.81	18.94	19.76	21.49	23.70
Imports of Goods and Services	7.19	15.15	15.49	15.48	18.91	19.57	19.25	21.86
Real GDP & its Components (Billions of 2000 NZD) *1								
Gross Domestic Product	72.78	85.16	87.31	87.20	87.69	87.67	86.52	87.48
Household Final Consumption Expenditure, etc.	44.00	48.02	51.18	52.27	52.58	52.68	51.85	52.08
General Government Final Consumption Expenditure	14.17	15.45	15.77	15.80	16.46	16.62	16.55	16.72
Gross Fixed Capital Formation	10.62	16.48	16.08	15.62	16.43	15.98	13.30	13.67
Stock Change	0.53	-0.13	-0.47	-0.21	1.62	0.37	-0.18	0.90
Exports of Goods and Services	16.19	19.84	22.27	22.80	22.32	23.95	26.31	27.16
Imports of Goods and Services	14.31	18.10	20.07	20.08	23.27	23.44	22.59	24.22
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	7.4	7.5	8.2	8.0	7.5	8.8	9.0	7.8
Industry	27.7	28.8	27.7	27.1	26.7	25.6	24.9	25.0
Services, etc.	61.5	59.3	60.8	61.6	62.0	62.1	62.9	63.7
Manufacturing Production Index (2000=100) *2	N.A.	N.A.	74.1	70.9	69.8	67.2	64.6	66.8
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	5.421	5.720	7.195	8.784	8.875	9.394	9.619	9.785
Imports, c.i.f.	5.473	5.992	7.276	7.342	8.784	9.501	8.381	9.201
Balance of Payments (Billions of Current USD) *2								
Trade Balance	0.303	-0.061	0.590	2.173	0.973	0.815	2.070	1.626
Current Account	-0.973	-2.657	-2.910	-1.863	-1.525	-1.453	-1.159	-1.568
Overall Balance	-1.421	-2.037	-2.248	-2.921	-1.217	0.179	-1.511	0.122
Foreign Exchange Rate (NZD/USD) *1	1.0267	2.0234	1.6946	1.5264	1.6721	1.6762	1.7335	1.8618
Purchasing Power Parity (NZD/International Dollar) *1	0.9102	1.1874	1.4975	1.5575	1.5784	1.5573	1.5214	1.5181
Price Indices								
GDP Deflator (2000=100) *3	32.5	54.6	72.4	77.9	81.9	83.9	84.9	86.6
Industry Input Price Index (2000=100) *2	35.6	62.4	71.3	75.0	80.3	84.1	84.8	86.5
Consumer Price Index (2000=100) *2	30.5	53.7	70.4	74.8	80.4	84.9	86.3	87.2
Growth Rate (%) *3								
Real GDP	0.90	0.77	0.41	-0.13	0.57	-0.02	-1.31	1.11
Population	0.13	0.57	0.85	1.36	1.43	1.47	1.37	1.05
Price								
Industry Input Price Index	22.9	15.3	7.9	5.2	7.1	4.7	0.9	2.1
Consumer Price Index	17.1	15.3	15.7	6.4	7.5	5.5	1.7	1.0

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: NZD shows New Zealand Dollar, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of New Zealand (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
3.57	3.62	3.67	3.73	3.78	3.82	3.84	3.86	3.88	3.94	4.01	4.06	4.10
42.30	44.56	46.42	48.05	48.78	48.99	51.57	52.67	54.75	57.30	59.34	61.53	62.70
61.50	64.77	67.48	69.86	70.91	71.21	74.97	76.57	79.59	83.30	86.27	89.45	91.15
44.31	52.12	61.28	67.33	67.17	55.36	58.05	52.67	52.50	60.52	80.85	98.47	109.29
11,842	12,308	12,636	12,876	12,896	12,841	13,446	13,654	14,109	14,548	14,802	15,151	15,297
17,215	17,893	18,370	18,718	18,747	18,667	19,547	19,849	20,511	21,148	21,518	22,025	22,238
12,403	14,398	16,683	18,041	17,758	14,512	15,137	13,654	13,528	15,364	20,165	24,245	26,664
81.99	87.91	93.39	97.95	101.59	103.43	109.70	115.94	124.87	130.86	139.22	148.56	155.23
47.44	51.19	54.55	58.08	60.57	63.46	65.99	68.69	72.43	76.71	81.73	87.53	N.A.
15.04	15.27	16.30	16.94	18.36	18.65	20.13	20.30	21.79	22.86	24.31	26.48	N.A.
15.56	18.35	20.60	21.54	21.41	20.74	22.89	23.60	25.85	27.75	31.53	34.92	N.A.
1.43	1.17	1.18	0.81	0.82	0.27	1.54	1.42	1.89	0.77	1.16	1.64	N.A.
25.08	26.95	27.13	27.53	28.53	30.39	33.53	41.16	43.69	42.34	40.45	43.14	N.A.
22.69	25.30	26.37	26.94	28.10	30.09	34.37	39.22	40.78	40.09	40.16	44.73	N.A.
93.12	98.08	102.17	105.77	107.36	107.83	113.51	115.94	120.51	126.13	130.63	135.44	138.02
54.04	57.41	59.54	62.21	63.58	65.55	67.74	68.69	70.90	73.91	78.60	83.15	N.A.
16.96	17.12	17.96	18.25	19.72	19.61	20.72	20.30	21.22	21.67	22.35	23.52	N.A.
16.06	18.57	20.63	21.67	21.72	21.18	23.43	23.60	25.07	26.93	30.98	33.41	N.A.
1.59	1.52	1.39	0.98	0.81	0.46	1.85	1.42	1.51	1.11	1.40	1.90	N.A.
29.04	31.51	32.22	33.74	35.05	36.06	38.72	41.16	42.41	45.73	46.47	48.30	N.A.
26.06	29.82	31.85	33.90	34.75	35.46	39.48	39.22	40.80	43.73	49.35	56.09	N.A.
8.6	8.2	8.5	8.8	8.7	8.3	8.3	8.3	8.1	7.7	7.5	7.2	N.A.
25.2	25.4	25.1	25.1	24.7	23.7	23.8	23.5	22.9	23.6	23.4	23.3	N.A.
62.7	62.4	62.5	62.4	63.0	64.2	63.9	64.3	65.0	64.7	65.0	65.4	N.A.
71.0	75.4	94.9	97.2	97.5	94.4	96.3	100.0	99.6	105.9	108.0	111.6	108.7
10.542	12.185	13.645	14.360	14.221	12.070	12.455	13.272	13.730	14.383	16.527	20.344	21.729
9.636	11.913	13.957	14.724	14.519	12.495	14.299	13.906	13.308	15.047	18.559	23.195	26.239
1.718	1.336	0.817	0.504	0.902	0.910	-0.380	0.609	1.422	0.144	-0.511	-1.428	-2.659
-1.689	-2.057	-3.066	-3.851	-4.250	-2.121	-3.542	-2.683	-1.421	-2.454	-3.579	-6.499	-9.755
-0.067	0.421	0.390	1.771	-1.442	-0.486	0.188	-0.143	-0.187	1.086	0.783	0.620	2.410
1.8505	1.6865	1.5239	1.4548	1.5124	1.8682	1.8896	2.2011	2.3788	2.1622	1.7221	1.5087	1.4203
1.5084	1.5037	1.5028	1.4941	1.5016	1.5055	1.4952	1.5141	1.5320	1.5075	1.5179	1.5221	1.5150
88.1	89.6	91.4	92.6	94.6	95.9	96.6	100.0	103.6	103.7	106.6	109.7	112.5
88.7	89.8	90.5	91.1	91.4	92.0	93.0	100.0	106.0	106.2	105.3	107.1	112.9
88.4	89.7	93.1	95.2	96.3	97.6	97.5	100.0	104.4	105.4	107.2	109.7	113.0
6.44	5.33	4.17	3.52	1.50	0.43	5.27	2.14	3.94	4.66	3.56	3.69	1.90
1.15	1.34	1.47	1.60	1.35	0.86	0.53	0.59	0.59	1.51	1.78	1.30	0.92
2.4	1.3	0.8	0.6	0.4	0.7	1.0	7.6	6.0	0.2	-0.8	1.7	5.4
1.4	1.5	3.8	2.3	1.2	1.3	-0.1	2.6	2.6	2.7	1.8	2.3	3.0

## Energy Price of New Zealand in 2005

## Currency Exchange Rate

	Local currency / US Dollar	
<b>Currency Exchange Rate</b>		
<b>Local Currency Unit</b>		\$NZ

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal			Coking Coal			Coking Coal		
Anthracite			Anthracite			Anthracite		
Other bituminous coal			Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal			Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke			Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil	bbbl	70.12	<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG			Ethane			Ethane		
Naphtha			LPG			LPG		
Motor Gasoline	litre	0.5925	Naphtha			Naphtha		
Aviation Gasoline			Motor Gasoline	litre	1.3067	Motor Gasoline	litre	1.3195
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline		
Kerosene Type Jet Fuel			Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene			Kerosene Type Jet Fuel			Kerosene Type Jet Fuel		
Gas/Diesel Oil	litre	0.627	Other Kerosene			Other Kerosene		
Fuel Oil			Gas/Diesel Oil	litre	0.8853	Gas/Diesel Oil	litre	0.9013
White Spirit SBP			Fuel Oil	litre	0.5464	Fuel Oil		
Lubricants			White Spirit SBP			White Spirit SBP		
Bitumen			Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke			Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas			<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas			Natural Gas			Natural Gas	GJ	28.21
Compressed Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity	kWh	0.0759	Industrial		
			<b>Other Energy Products</b>			Commercial		
						Residential	kWh	0.196
						Others		
						<b>Other Energy Products</b>		

Note: Motor gasoline = regular gasoline prices

Fuel oil = light fuel oil prices

Electricity price (consumer prices) reports as residential price and includes GST (Goods and Services Tax).

## Original Table (Quarterly) of New Zealand in 2006

Coal		Unit: 1,000ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	-	-	-	-
	FEB.	-	-	-	-
	MAR.	-	-	-	-
	<b>1st quarter</b>	1,234	-	498	-
	APR.	-	-	-	-
	MAY.	-	-	-	-
	JUN.	-	-	-	-
	<b>2nd quarter</b>	1,303	-	820	-
	JUL.	-	-	-	-
	AUG.	-	-	-	-
	SEP.	-	-	-	-
	<b>3rd quarter</b>	1,271	-	524	-
	OCT.	-	-	-	-
	NOV.	-	-	-	-
	DEC.	-	-	-	-
	<b>4th quarter</b>	1,610	324	840	-
		5,418	324	2,682	-

Oil		Unit: 1,000kL						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.							
	FEB.							
	MAR.							
	<b>1st quarter</b>	245	1,563	276	119	583	14	64
	APR.							
	MAY.							
	JUN.							
	<b>2nd quarter</b>	238	1,167	161	-146	648	17	162
	JUL.							
	AUG.							
	SEP.							
	<b>3rd quarter</b>	228	1,420	139	13	420	38	-71
	OCT.							
	NOV.							
	DEC.							
	<b>4th quarter</b>	205	1,392	245	-124	680	23	74
		915	5,542	821	-138	2,331	92	229

Original Table (Quarterly) of New Zealand in 2006 (Continued)

Natural Gas ( or LNG)		Unit: 1,000CM			
		Production	Imports	Exports	Stock Changes
2006	JAN.	-	-	-	-
	FEB.	-	-	-	-
	MAR.	-	-	-	-
	<b>1st quarter</b>	1,019,835	-	-	461
	APR.	-	-	-	-
	MAY.	-	-	-	-
	JUN.	-	-	-	-
	<b>2nd quarter</b>	1,077,980	-	-	359
	JUL.	-	-	-	-
	AUG.	-	-	-	-
	SEP.	-	-	-	-
	<b>3rd quarter</b>	1,047,446	-	-	667
	OCT.	-	-	-	-
	NOV.	-	-	-	-
	DEC.	-	-	-	-
	<b>4th quarter</b>	903,085	-	-	-667
		4,048,346	-	-	820

Electricity		Unit: GWh					Imports	Exports
		Total	Thermal	Hydro	Nuclear	Others		
2006	JAN.	-	-	-	-	-	-	-
	FEB.	-	-	-	-	-	-	-
	MAR.	-	-	-	-	-	-	-
	<b>1st quarter</b>	9,869	3,654	5,150	-	1,064	-	-
	APR.	-	-	-	-	-	-	-
	MAY.	-	-	-	-	-	-	-
	JUN.	-	-	-	-	-	-	-
	<b>2nd quarter</b>	10,591	3,778	5,722	-	1,091	-	-
	JUL.	-	-	-	-	-	-	-
	AUG.	-	-	-	-	-	-	-
	SEP.	-	-	-	-	-	-	-
	<b>3rd quarter</b>	10,914	3,701	6,044	-	1,169	-	-
	OCT.	-	-	-	-	-	-	-
	NOV.	-	-	-	-	-	-	-
	DEC.	-	-	-	-	-	-	-
	<b>4th quarter</b>	9,838	2,597	6,123	-	1,118	-	-
		41,213	13,730	23,039	-	4,443	-	

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.

### 3.13 Papua New Guinea

## Energy Balance Table of Papua New Guinea in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	-	-	2,454	-	-	-	-	-	-
2 Import	-	-	917	984	53	-	-	38	377
3 Export	-	-	-2,344	-423	-6	-240	-6	-	-23
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	-	-	-	-	-	-	-	-	-
6 Total Primary Energy Supply	-	-	1,027	561	48	-240	-6	38	354
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-	-	-1,010	351	50	250	103	-	249
8.1 Main Activity Producer	-	-	-	-593	-	-	-	-	-123
8.2 Autoproducers	-	-	-	-57	-	-	-	-	-57
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-1,010	1,000	50	250	103	-	429
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-34	-	-	-	-	-6
10. Discrepancy	-	-	-18	-12	0	-1	-10	0	0
11 Total Final Energy Consumption	-	-	-	867	98	9	86	38	597
12 Industry Sector	-	-	-	440	-	9	-	-	401
13 Transport Sector	-	-	-	387	98	-	86	-	196
14 Other Sector	-	-	-	40	-	-	-	38	-
14.1 Residential & Commercial	-	-	-	-	-	-	-	-	-
14.2 Agriculture	-	-	-	-	-	-	-	-	-
14.3 Other	-	-	-	40	-	-	-	38	-
15 Non-energy	-	-	-	-	-	-	-	-	-

Note: Above Energy Balance Table were estimated by CA.

## Energy Balance Table of Papua New Guinea in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	-	-	2,134	-	-	-	-	-	-
2 Import	-	-	130	1,262	86	-	85	25	643
3 Export	-	-	-2,035	-285	-6	-133	-	-13	-57
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	-	-	-	-	-	-	-	-	-
6 Total Primary Energy Supply	-	-	230	977	80	-133	85	11	586
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-	-	-464	-121	15	146	-	26	-9
8.1 Main Activity Producer	-	-	-	-513	-	-	-	-	-113
8.2 Autoproducers	-	-	-	-42	-	-	-	-	-42
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-464	434	15	146	-	26	147
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-15	-0	-	-	-	-5
10. Discrepancy	-	-	234	-6	-0	-4	-0	0	-0
11 Total Final Energy Consumption	-	-	-	835	95	9	85	37	573
12 Industry Sector	-	-	-	419	-	9	-	-	382
13 Transport Sector	-	-	-	377	95	-	85	-	191
14 Other Sector	-	-	-	39	-	-	-	37	-
14.1 Residential & Commercial	-	-	-	39	-	-	-	37	-
14.2 Agriculture	-	-	-	-	-	-	-	-	-
14.3 Other	-	-	-	-	-	-	-	-	-
15 Non-energy	-	-	-	-	-	-	-	-	-

Note: Above Energy Balance Table were estimated by CA.



Energy Balance Table of Papua New Guinea in 2005 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	120	77	-	-	-	-	-	2,651	
498	17	-	-	-	-	-	-	-	-	-	-	1,901	
-145	-3	-	-	-	-	-	-	-	-	-	-	-2,767	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
353	14	-	-	-	120	77	-	-	-	-	-	1,786	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-330	20	10	-	-	-120	-77	-	-	-	327	-	-528	
-469	-	-	-	-	-	-46	-	-	-	224	-	-415	
-	-	-	-	-	-120	-30	-	-	-	104	-	-104	
-	-	-	-	-	-	-	-	-	-	-	-	-	
139	20	10	-	-	-	-	-	-	-	-	-	-9	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-18	-10	-	-	-	-	-	-	-	-18	-	-52	
-0	0	-	-	-	-	-	-	-	-	-0	-	-29	
23	16	-	-	-	-	-	-	-	-	309	-	1,176	
16	13	-	-	-	-	-	-	-	-	234	-	673	
7	-	-	-	-	-	-	-	-	-	-	-	387	
-	2	-	-	-	-	-	-	-	-	75	-	116	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	2	-	-	-	-	-	-	-	-	75	-	116	
-	-	-	-	-	-	-	-	-	-	-	-	-	

Energy Balance Table of Papua New Guinea in 2004 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	107	77	-	-	-	-	-	2,318	
410	14	-	-	-	-	-	-	-	-	-	-	1,392	
-73	-2	-	-	-	-	-	-	-	-	-	-	-2,320	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
337	12	-	-	-	107	77	-	-	-	-	-	1,390	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-314	7	7	-	-	-107	-77	-	-	-	298	-	-470	
-400	-	-	-	-	-	-47	-	-	-	199	-	-361	
-	-	-	-	-	-107	-30	-	-	-	99	-	-80	
-	-	-	-	-	-	-	-	-	-	-	-	-	
85	7	7	-	-	-	-	-	-	-	-	-	-30	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-3	-7	-	-	-	-	-	-	-	-9	-	-25	
0	-1	-	-	-	-	0	-	-	-	0	-	228	
22	14	-	-	-	-	-	-	-	-	289	-	1,124	
16	12	-	-	-	-	-	-	-	-	218	-	637	
7	-	-	-	-	-	-	-	-	-	-	-	377	
-	2	-	-	-	-	-	-	-	-	70	-	110	
-	2	-	-	-	-	-	-	-	-	-	-	39	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	70	-	70	
-	-	-	-	-	-	-	-	-	-	-	-	-	

## Major Energy Indicators of Papua New Guinea

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	631	737	818	764	781	864	914	895	896
Indigenous Production	27	36	38	38	39	4,611	5,111	5,411	5,514
Import	625	749	813	760	783	796	748	748	747
Export	-	-29	-6	-5	-10	-4,512	-4,915	-5,235	-5,335
Final Energy Consumption	441	512	557	547	532	613	615	615	623
Industry	161	214	194	190	190	190	191	189	184
Transport	211	228	222	219	204	209	210	210	224
Residential & Commercial	29	22	32	31	31	34	36	37	37
Agriculture	30	33	80	80	80	81	80	80	76
<b>Coal, Coal Products</b>									
Primary Energy Supply	-	1	1	1	1	1	1	1	1
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	-	1	1	1	1	1	1	1	1
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-	-	-	-	-	-	-	-	-
Power Generation	-	-	-	-	-	-	-	-	-
Final Energy Consumption	-	-	-	1	1	1	1	1	1
Industry	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	-	-	-	-	-	-	100	80	80
Indigenous Production	-	-	-	-	-	4,500	5,000	5,300	5,400
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-4,500	-4,900	-5,220	-5,320
Transformation Sector	-	-	-	-	-	-	-55	-55	-55
Petroleum Refineries	-	-	-	-	-	-	-55	-55	-55
<b>Petroleum Products</b>									
Primary Energy Supply	604	700	779	725	741	752	702	703	702
Import	625	748	812	760	782	795	747	747	746
Export	-	-29	-6	-5	-10	-12	-15	-15	-15
Transformation Sector	-264	-312	-360	-329	-341	-346	-296	-296	-297
Power Generation	-264	-312	-360	-329	-341	-346	-347	-347	-348
Petroleum Refineries	-	-	-	-	-	-	51	51	51
Final Energy Consumption	338	382	410	404	389	398	397	397	402
Industry	80	111	90	87	87	87	85	84	79
Transport	211	228	222	219	204	209	210	210	224
Residential & Commercial	19	10	21	21	21	24	25	26	26
Agriculture	27	30	75	75	75	76	75	75	71
<b>Natural Gas</b>									
Primary Energy Supply	-	-	-	-	-	72	72	72	74
Indigenous Production	-	-	-	-	-	72	72	72	74
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-	-	-	-	-	-	-	-	-
Power Generation	-	-	-	-	-	-	-	-	-
Final Energy Consumption	-	-	-	-	-	72	72	72	74
Industry	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	108	133	155	150	153	154	154	154	154
Thermal	81	97	117	112	114	114	114	114	114
Hydro	27	36	38	38	39	40	40	40	40
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	103	130	147	142	142	142	146	145	146
Industry	81	103	103	103	103	103	105	104	105
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	10	12	11	11	11	11	11	12	12
Agriculture	2	3	5	5	5	5	5	5	5

## Major Energy Indicators of Papua New Guinea (Continued)

ktoe

1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
957	921	954	1,029	1,127	1,056	1,123	1,299	1,394	1,553	1,390	1,786
5,882	4,897	5,244	3,776	4,049	4,879	3,866	3,281	2,776	2,640	2,318	2,651
774	731	715	828	896	834	908	1,075	1,170	1,340	1,392	1,901
-5,678	-4,694	-4,952	-3,566	-3,828	-4,657	-3,651	-3,057	-2,552	-2,427	-2,320	-2,767
654	689	724	717	763	823	880	948	1,008	1,095	1,124	1,176
238	271	294	277	325	360	480	515	552	601	637	673
248	251	257	260	251	262	306	328	344	374	377	387
77	79	79	81	83	92	82	93	100	108	39	-
80	77	81	88	94	97	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
9	10	14	12	14	-	-	-	-	-	230	1,027
5,709	4,717	5,019	3,586	3,832	4,657	3,651	3,057	2,552	2,427	2,134	2,454
-	-	-	-	-	-	-	-	-	-	130	917
-5,678	-4,694	-4,951	-3,564	-3,828	-4,657	-3,651	-3,057	-2,552	-2,427	-2,035	-2,344
-17	-24	-29	-32	-28	-	-	-	-	-	-464	-1,010
-17	-24	-29	-32	-28	-	-	-	-	-	-464	-1,010
774	731	714	826	896	834	908	1,075	1,170	1,340	977	561
774	731	715	828	896	834	908	1,075	1,170	1,340	1,262	984
-	-	-1	-2	-0	-	-	-	-	-	-285	-423
-80	-82	-68	-101	-158	-184	-222	-345	-396	-501	-121	351
-97	-104	-94	-133	-185	-184	-222	-345	-396	-501	-555	-649
17	22	26	32	28	-	-	-	-	-	434	1,000
559	571	592	596	600	651	686	730	774	839	835	867
186	197	208	204	211	239	338	355	380	412	419	440
248	251	257	260	251	262	306	328	344	374	377	387
34	35	33	34	34	41	30	35	38	41	39	-
80	77	81	88	94	97	-	-	-	-	-	-
80	83	117	100	115	113	119	144	144	132	107	120
80	83	117	100	115	113	119	144	144	132	107	120
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-11	-83	-117	-108	-141	-137	-119	-137	-137	-132	-107	-120
-11	-83	-117	-108	-141	-137	-119	-137	-137	-132	-107	-120
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
111	136	152	140	187	198	204	231	248	273	298	327
42	61	70	79	112	119	124	151	168	193	221	251
69	75	81	61	75	79	80	80	80	80	77	77
-	-	-	-	-	-	-	-	-	-	-	-
94	117	131	120	162	172	194	218	234	256	289	309
52	74	86	74	114	121	142	160	172	189	218	234
-	-	-	-	-	-	-	-	-	-	-	-
42	43	46	46	48	51	52	58	62	67	-	-
-	-	-	-	-	-	-	-	-	-	-	-

## Major Economic Indicators of Papua New Guinea

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	3.241	3.655	3.829	3.919	4.014	4.114	4.220	4.332
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	1.932	2.068	2.225	2.290	2.257	2.189	2.398	2.731
Real Term (Billions of 2000 Price and 2000 PPP)	6.855	7.339	7.896	8.126	8.010	7.769	8.511	9.689
Nominal (Billions of Current USD)	2.546	2.423	3.144	3.656	3.546	3.221	3.788	4.378
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	596	566	581	584	562	532	568	630
Real Term (2000 Price and 2000 PPP)	2,115	2,008	2,062	2,073	1,996	1,888	2,017	2,237
Nominal (Current USD)	786	663	821	933	884	783	898	1,011
Nominal GDP & its Components (Billions of Current PGK) *1								
Gross Domestic Product	1.708	2.424	2.854	3.170	3.046	3.076	3.605	4.223
Household Final Consumption Expenditure, etc.	1.051	1.624	1.815	1.920	1.962	1.816	2.121	2.144
General Government Final Consumption Expenditure	0.411	0.569	0.640	0.663	0.745	0.764	0.853	1.004
Gross Fixed Capital Formation	0.394	0.447	0.551	0.737	0.791	0.773	1.010	0.914
Stock Change	0.036	0.034	0.034	0.126	-0.083	-0.021	-0.022	0.070
Exports of Goods and Services	0.738	1.021	1.232	1.371	1.238	1.250	1.524	2.021
Imports of Goods and Services	0.911	1.271	1.418	1.646	1.606	1.506	1.880	1.930
Real GDP & its Components (Billions of 1983 PGK) *1								
Gross Domestic Product	2.074	2.220	2.389	2.458	2.424	2.351	2.575	2.932
Household Final Consumption Expenditure, etc.	1.378	1.492	1.500	1.504	1.486	1.287	1.435	1.547
General Government Final Consumption Expenditure	0.569	0.517	0.527	0.517	0.548	0.533	0.556	0.616
Gross Fixed Capital Formation	0.512	0.391	0.453	0.572	0.587	0.533	0.653	0.602
Stock Change	0.045	0.024	0.025	0.102	-0.074	-0.017	-0.018	0.055
Exports of Goods and Services	0.735	0.898	0.996	0.981	0.972	0.928	1.075	1.377
Imports of Goods and Services	1.164	1.102	1.111	1.219	1.097	0.913	1.096	1.063
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Industry	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Services, etc.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Industrial Production Index (2000=100)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	1.031	0.912	1.161	1.399	1.404	1.177	1.460	1.927
Imports, c.i.f.	1.176	1.008	1.165	1.393	1.530	1.193	1.614	1.485
Balance of Payments (Billions of Current USD) *2								
Trade Balance	-0.035	0.051	0.114	0.091	-0.023	0.069	0.078	0.625
Current Account	-0.289	-0.122	-0.198	-0.296	-0.313	-0.076	-0.475	-0.160
Overall Balance	-0.084	-0.001	0.002	-0.053	-0.059	0.022	-0.409	-0.326
Foreign Exchange Rate (PGK/USD) *1	0.6709	1.0003	0.9079	0.8671	0.8588	0.9550	0.9517	0.9647
Purchasing Power Parity (PGK/International Dollar) *1	0.4615	0.4742	0.4940	0.5154	0.4839	0.4852	0.5016	0.5044
Price Indices								
GDP Deflator (1983=100) *3	82.4	109.2	119.5	128.9	125.7	130.9	140.0	144.1
Wholesale Price Index (2000=100)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index (2000=100) *2	23.0	31.5	34.3	36.2	37.8	40.4	43.2	45.1
Growth Rate (%) *3								
Real GDP	-2.30	4.00	2.77	2.91	-1.42	-3.01	9.55	13.85
Population	2.49	2.39	2.34	2.35	2.41	2.50	2.58	2.65
Price								
Wholesale Price Index	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index	12.1	3.7	3.3	5.4	4.5	7.0	7.0	4.3

Source

\*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note

: N.A. shows "not available"

: PGK shows Kina, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Papua New Guinea (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
4.448	4.567	4.687	4.809	4.931	5.055	5.177	5.299	5.419	5.538	5.656	5.772	5.887
3.228	3.419	3.306	3.562	3.423	3.294	3.542	3.499	3.496	3.489	3.566	3.662	3.783
11.453	12.133	11.732	12.639	12.145	11.688	12.570	12.418	12.405	12.381	12.653	12.995	13.423
4.976	5.321	4.601	5.217	4.912	3.756	3.416	3.499	3.068	2.993	3.527	3.926	4.945
726	749	705	741	694	652	684	660	645	630	630	634	643
2,575	2,657	2,503	2,628	2,463	2,312	2,428	2,343	2,289	2,235	2,237	2,251	2,280
1,119	1,165	982	1,085	996	743	660	660	566	540	624	680	840
4.867	5.381	5.888	6.881	7.064	7.789	8.781	9.736	10.396	11.657	12.567	12.652	15.339
2.046	2.240	2.454	3.375	4.119	4.619	6.123	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1.199	1.001	1.006	1.370	1.361	1.407	1.488	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
0.901	1.012	1.150	1.186	1.079	1.089	1.063	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
-0.043	0.142	0.149	0.375	0.409	0.307	0.377	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
2.562	3.031	3.675	3.575	3.312	3.942	4.153	6.853	4.975	5.189	N.A.	N.A.	N.A.
1.798	2.044	2.545	3.000	3.217	3.575	4.423	5.971	6.050	6.274	N.A.	N.A.	N.A.
3.465	3.671	3.549	3.824	3.675	3.536	3.803	3.757	3.753	3.746	3.828	3.932	4.061
1.574	1.827	1.507	1.759	2.033	1.928	2.336	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
0.722	0.586	0.553	0.730	0.698	0.686	0.691	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
0.550	0.584	0.586	0.540	0.461	0.437	0.366	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
-0.032	0.104	0.093	0.210	0.221	0.146	0.156	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1.744	1.918	1.855	1.742	1.457	1.539	1.471	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
0.920	0.996	1.046	1.157	1.195	1.199	1.216	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	31.9	29.5	28.6	31.6	29.9	32.2	32.6	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	32.0	36.5	35.8	34.5	34.5	30.6	31.2	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	31.1	29.6	30.9	28.8	29.3	29.6	29.5	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
2.585	2.632	2.654	2.529	2.163	1.772	1.875	2.096	1.805	1.641	2.207	2.558	3.192
1.299	1.522	1.452	1.741	1.711	1.240	1.188	1.151	1.071	1.137	1.356	1.680	1.729
1.470	1.326	1.408	1.017	0.677	0.695	0.856	1.095	0.881	N.A.	N.A.	N.A.	N.A.
0.474	0.402	0.492	0.189	-0.192	-0.029	0.095	0.345	0.282	N.A.	N.A.	N.A.	N.A.
-0.253	-0.170	-0.039	0.202	-0.177	-0.221	0.125	0.104	0.129	N.A.	N.A.	N.A.	N.A.
0.9782	1.0113	1.2798	1.3191	1.4380	2.0736	2.5708	2.7822	3.3887	3.8952	3.5635	3.2225	3.1019
0.4808	0.4914	0.5450	0.5802	0.6096	0.6908	0.7138	0.7840	0.8183	0.9036	0.9342	0.8923	1.0166
140.5	146.6	165.9	180.0	192.2	220.3	230.9	259.1	277.0	311.2	328.3	321.8	377.7
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
47.3	48.7	57.1	63.7	66.3	75.3	86.5	100.0	104.4	122.2	140.2	143.2	145.6
18.20	5.94	-3.31	7.73	-3.90	-3.77	7.55	-1.21	-0.10	-0.20	2.20	2.70	3.30
2.68	2.67	2.64	2.59	2.55	2.50	2.43	2.35	2.27	2.19	2.12	2.06	2.00
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
5.0	2.9	17.3	11.6	4.0	13.6	14.9	15.6	9.3	11.8	14.7	2.2	1.7



## 3.14 Peru

Energy Balance Table of Peru in 2005

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
1 Indigenous Production	30	-	4,074	-	-	-	-	-	-
2 Import	657	151	4,698	1,010	1	10	0	-	796
3 Export	-	-	-609	-3,068	-12	-1,023	-309	-	-225
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	70	20	95	39	44	-30	-5	3	-9
6 Total Primary Energy Supply	757	171	8,258	-2,019	34	-1,043	-315	3	562
7 Transfers	-	-	-814	-	-	-	-	-	-
8 Total Transformation Sector	-230	-100	-7,782	7,365	1,070	538	460	231	2,070
8.1 Main Activity Producer	-230	-	-	-345	-	-	-	-	-43
8.2 Autoproducers	-	-	-	-263	-	-	-	-0	-228
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-7,782	7,973	1,070	538	460	231	2,341
8.5 Coal Transformation	-	-100	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-	-	-	-	-	-
10. Discrepancy	0	-7	338	953	-128	505	174	-16	170
11 Total Final Energy Consumption	527	63	-	6,299	975	-	319	218	2,801
12 Industry Sector	527	63	-	1,609	13	-	-	30	456
13 Transport Sector	-	-	-	3,491	831	-	319	-	2,284
14 Other Sector	0	-	-	1,199	131	-	-	188	61
14.1 Residential & Commercial	0	-	-	868	118	-	-	185	22
14.2 Agriculture	-	-	-	34	13	-	-	0	8
14.3 Other	-	-	-	297	0	-	-	3	30
15 Non-energy	-	-	-	-	-	-	-	-	-

Energy Balance Table of Peru in 2004

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
1 Indigenous Production	16	-	4,623	-	-	-	-	-	-
2 Import	636	170	4,219	1,737	4	40	-	0	1,353
3 Export	-	-	-841	-2,125	-175	-396	-208	-	-58
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	109	-8	-85	6	17	-6	-	-	2
6 Total Primary Energy Supply	761	162	7,916	-382	-153	-363	-208	0	1,297
7 Transfers	-	-	-385	538	310	-	-	-	38
8 Total Transformation Sector	-275	-108	-7,273	6,707	1,034	22	444	335	1,703
8.1 Main Activity Producer	-262	-	-	-537	-	-	-	-	-222
8.2 Autoproducers	-	-	-	-157	-	-	-	-1	-138
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-7,273	7,401	1,034	22	444	335	2,063
8.5 Coal Transformation	-13	-108	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-160	-0	-3	-0	-0	-10
10. Discrepancy	-8	-2	-258	-138	-195	344	225	-12	-283
11 Total Final Energy Consumption	478	52	-	6,565	995	-	461	323	2,746
12 Industry Sector	478	52	-	1,400	13	-	11	31	217
13 Transport Sector	-	-	-	3,849	848	-	450	-	2,436
14 Other Sector	0	-	-	1,317	134	-	-	292	93
14.1 Residential & Commercial	0	-	-	941	121	-	-	288	38
14.2 Agriculture	-	-	-	42	13	-	-	0	11
14.3 Other	-	-	-	334	0	-	-	4	43
15 Non-energy	-	-	-	210	-	-	-	-	-



Energy Balance Table of Peru in 2005 (Continued)

													unit: ktoe
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	2,221	1,546	-	2	2,163	-	-	10,035	
-	70	-	-	132	-	-	-	-	-	-	-	6,515	
-1,264	-115	-	-	-120	-	-	-	-	-	-1	-	-3,677	
-	-	-	-	-	-	-	-	-	-	-	-	-	
38	1	-	-	-1	-	-	-	-	-	-	-	225	
-1,226	-45	-	-	11	2,221	1,546	-	2	2,163	-1	-	13,098	
-	-	-	-	-	-	-	-	-	-	-	-	-814	
2,494	258	67	-	177	-1,558	-1,546	-	-0	-192	2,194	-	-1,850	
-302	-	-	-	-	-1,195	-1,543	-	-	-	2,048	-	-1,265	
-35	-	-	-	-	-68	-3	-	-0	-114	146	-	-302	
-	-	-	-	-	-296	-	-	-	-	-	-	-296	
2,831	258	67	-	177	-	-	-	-	-	-	-	191	
-	-	-	-	-	-	-	-	-	-	-	-	-100	
-	-	-	-	-	-	-	-	-0	-78	-	-	-78	
-	-	-	-	-	-533	-	-	-	-	-293	-	-827	
-33	537	-67	-	-189	50	-	-	-0	-0	1	-	1,335	
1,235	751	-	-	-	179	-	-	1	1,971	1,900	-	10,942	
928	182	-	-	-	179	-	-	0	60	1,075	-	3,514	
28	28	-	-	-	0	-	-	-	-	-	-	3,491	
279	540	-	-	-	0	-	-	1	1,911	826	-	3,937	
3	539	-	-	-	0	-	-	1	1,911	780	-	3,560	
13	0	-	-	-	-	-	-	-	-	-	-	34	
263	1	-	-	-	-	-	-	-	-	46	-	343	
-	-	-	-	-	-	-	-	-	-	-	-	-	

Energy Balance Table of Peru in 2004 (Continued)

													unit: ktoe
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	828	1,507	-	2	2,483	-	-	9,459	
-	255	-	-	85	-	-	-	-	-	-	-	6,762	
-1,236	-45	-	-	-7	-	-	-	-	-	-	-	-2,966	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-5	-0	-	-	-2	-	-	-	-	-	-	-	23	
-1,241	210	-	-	76	828	1,507	-	2	2,483	-	-	13,277	
-	190	-	-	-	-	-	-	-	-	-	-	153	
2,428	445	82	-	215	-689	-1,507	-	-0	-222	2,087	-	-1,281	
-315	-	-	-	-	-689	-1,470	-	-	-	1,942	-	-1,016	
-18	-	-	-	-	-	-37	-	-0	-121	145	-	-170	
-	-	-	-	-	-	-	-	-	-	-	-	-	
2,761	445	82	-	215	-	-	-	-	-	-	-	128	
-	-	-	-	-	-	-	-	-	-	-	-	-121	
-	-	-	-	-	-	-	-	-0	-101	-	-	-101	
-91	-0	-56	-	-0	-85	-	-	-	-	-228	-	-473	
9	-201	-27	-	2	0	-	-	-0	-0	-6	-	-412	
1,105	643	-	-	293	55	-	-	1	2,261	1,853	-	11,265	
777	135	-	-133	216	54	-	-	0	333	1,139	-	3,456	
17	21	-	-77	77	-	-	-	-	-	-	-	3,849	
311	487	-	-	-	0	-	-	1	1,929	714	-	3,960	
7	486	-	-	-	0	-	-	1	1,929	714	-	3,585	
17	0	-	-	-	-	-	-	-	-	-	-	42	
286	0	-	-	-	-	-	-	-	-	-	-	334	
-	-	-	-	210	-	-	-	-	-	-	-	210	

## Major Energy Indicators of Peru

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	8,185	7,564	8,613	8,568	6,920	7,537	7,455	7,334	8,251
Indigenous Production	11,095	11,426	10,162	9,000	8,351	8,193	7,511	7,419	8,233
Import	195	109	1,025	2,004	663	1,668	2,429	2,636	2,244
Export	-3,191	-3,949	-2,684	-2,305	-2,213	-2,267	-2,394	-2,659	-2,411
Final Energy Consumption	6,214	5,842	6,892	6,859	6,137	6,208	6,229	6,124	6,472
Industry	2,224	2,070	2,294	2,171	1,913	1,958	2,465	2,002	2,224
Transport	2,260	2,121	2,598	2,608	2,364	2,499	2,233	2,387	2,453
Residential & Commercial	1,216	1,239	1,506	1,563	1,415	1,274	1,074	1,297	1,212
Agriculture	184	95	88	143	101	107	106	58	102
<b>Coal, Coal Products</b>									
Primary Energy Supply	142	115	184	181	201	145	281	275	308
Indigenous Production	29	89	76	84	87	68	39	61	57
Import	124	81	100	113	104	71	228	217	216
Export	-	-13	-	-	-	-	-	-	-
Transformation Sector	32	19	26	29	13	6	-60	-15	-89
Power Generation	-	-	-	-	-	-	-	-	-
Final Energy Consumption	53	112	110	111	122	100	197	296	289
Industry	53	105	103	101	111	93	185	290	278
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	7	7	10	11	7	12	7	8
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	7,532	8,400	8,498	8,050	6,620	7,149	7,437	7,287	7,725
Indigenous Production	9,869	9,656	8,243	7,137	6,568	6,493	5,798	5,854	6,379
Import	-	-	280	1,212	51	888	1,715	1,466	1,176
Export	-2,383	-1,290	-156	-255	-50	-150	-52	-43	-
Transformation Sector	-7,379	-8,841	-8,721	-8,329	-7,589	-7,432	-7,621	-7,546	-7,846
Petroleum Refineries	-7,379	-8,841	-8,721	-8,329	-7,589	-7,432	-7,621	-7,546	-7,846
<b>Petroleum Products</b>									
Primary Energy Supply	-686	-2,632	-1,912	-1,442	-1,597	-1,389	-1,937	-1,731	-1,580
Import	71	28	645	679	508	709	486	953	853
Export	-808	-2,646	-2,528	-2,050	-2,163	-2,117	-2,341	-2,616	-2,411
Transformation Sector	6,411	7,904	7,932	7,530	6,734	6,689	7,004	6,576	6,895
Power Generation	-857	-685	-733	-778	-793	-760	-598	-1,070	-806
Petroleum Refineries	7,268	8,589	8,665	8,308	7,527	7,449	7,603	7,646	7,701
Final Energy Consumption	5,332	4,705	5,663	5,670	5,007	5,020	4,872	4,895	5,157
Industry	1,669	1,359	1,526	1,440	1,214	1,210	1,616	1,212	1,345
Transport	2,260	2,121	2,598	2,608	2,364	2,499	2,233	2,387	2,453
Residential & Commercial	918	850	1,086	1,142	1,003	854	598	899	809
Agriculture	155	58	47	106	82	87	74	27	72
<b>Natural Gas</b>									
Primary Energy Supply	594	874	927	882	802	757	708	671	794
Indigenous Production	594	874	927	882	802	757	708	671	794
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-150	-157	-171	-183	-136	-135	-134	-101	-83
Power Generation	-55	-78	-87	-91	-71	-75	-71	-57	-56
Final Energy Consumption	80	108	85	95	83	74	71	29	4
Industry	41	47	42	51	34	28	25	-	2
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	39	61	43	44	49	46	46	19	3
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	863	1,042	1,186	1,165	1,149	1,132	1,195	1,121	1,263
Thermal	260	235	270	268	255	257	229	288	259
Hydro	603	807	916	897	894	875	966	833	1,004
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	749	917	1,034	983	925	1,014	1,089	904	1,021
Industry	461	559	623	579	554	627	639	500	599
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	259	321	370	367	352	367	418	373	392
Agriculture	29	37	41	37	19	20	32	31	30

## Major Energy Indicators of Peru (Continued)

												ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
8,872	9,450	9,796	10,354	10,282	9,369	11,047	10,653	10,757	10,273	13,277	13,098	
8,405	8,124	8,051	8,006	8,106	7,918	7,832	7,900	7,968	7,995	9,459	10,035	
2,509	4,346	4,570	5,826	6,462	4,691	5,397	5,457	5,817	6,667	6,762	6,515	
-2,094	-2,561	-2,836	-3,499	-3,817	-2,452	-2,094	-2,835	-2,918	-3,449	-2,966	-3,677	
6,907	7,692	8,169	8,159	8,135	8,563	9,200	8,462	8,644	8,462	11,265	10,942	
2,218	2,562	2,836	2,756	2,682	2,941	3,336	3,112	3,336	3,252	3,456	3,514	
2,812	3,055	3,256	3,236	3,304	3,406	3,386	3,199	2,998	3,088	3,849	3,491	
1,201	1,330	1,414	1,421	1,492	1,517	1,566	1,678	1,695	1,679	3,585	3,560	
107	132	154	151	161	173	107	87	85	80	42	34	
354	375	394	408	447	413	630	572	783	773	923	928	
43	35	15	15	15	15	12	13	15	11	16	30	
341	338	340	386	425	451	588	472	734	667	805	807	
-	-	-	-	-	-	-	-	-	-	-	-	
-67	-57	-75	-110	-94	-40	-180	-190	-314	-311	-383	-330	
-	-	-	-	-	-	-99	-89	-225	-220	-262	-230	
294	290	314	321	357	343	430	382	483	463	530	591	
286	282	307	315	345	306	430	382	483	463	530	591	
-	-	-	-	-	-	-	-	-	-	-	-	
8	8	7	6	7	6	0	-	-	-	0	0	
-	-	-	-	2	2	0	0	-	-	-	-	
7,579	6,974	6,783	7,703	8,252	5,994	7,268	7,712	7,512	7,212	7,916	8,258	
6,431	6,151	6,077	5,973	5,732	5,179	4,829	4,705	4,687	4,615	4,623	4,074	
1,094	2,419	2,842	4,038	4,784	2,931	3,090	3,744	3,728	4,212	4,219	4,698	
-	-1,419	-1,885	-2,303	-2,171	-1,466	-687	-945	-1,082	-1,460	-841	-609	
-7,721	-7,473	-7,516	-8,326	-8,570	-7,773	-7,740	-8,114	-8,060	-8,049	-7,273	-7,782	
-7,721	-7,473	-7,516	-8,326	-8,570	-7,773	-7,740	-8,114	-8,060	-8,049	-7,273	-7,782	
-992	162	660	224	-777	238	158	-813	-805	-1,081	-382	-2,019	
1,073	1,589	1,388	1,402	1,253	1,308	1,720	1,240	1,356	1,788	1,737	1,010	
-2,094	-1,142	-950	-1,196	-1,647	-987	-1,407	-1,891	-1,836	-1,989	-2,125	-3,068	
6,614	6,463	6,341	6,720	7,510	6,917	7,077	7,639	7,582	7,546	6,707	7,365	
-782	-926	-1,066	-1,139	-996	-853	-686	-525	-522	-561	-694	-608	
7,396	7,389	7,407	7,858	8,506	7,770	7,763	8,164	8,104	8,107	7,401	7,973	
5,543	6,292	6,641	6,563	6,406	6,800	7,225	6,457	6,438	6,186	6,565	6,299	
1,306	1,631	1,819	1,694	1,534	1,803	2,021	1,796	1,861	1,737	1,400	1,609	
2,812	3,055	3,256	3,236	3,304	3,406	3,386	3,199	2,998	3,088	3,849	3,491	
781	894	939	924	956	965	1,027	1,060	1,040	992	941	868	
76	100	119	114	118	130	65	43	38	34	42	34	
828	827	813	882	1,171	1,473	1,547	1,614	1,660	1,720	828	2,221	
828	827	813	882	1,171	1,473	1,547	1,614	1,660	1,720	828	2,221	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
113	-97	-52	-135	-348	-448	-411	-434	-861	-982	-689	-1,558	
-55	-58	-18	-104	-235	-271	-226	-243	-304	-366	-689	-1,263	
6	3	4	3	4	1	1	0	5	20	55	179	
2	-	-	-	-	-	-	-	5	20	54	179	
-	-	-	-	-	-	-	-	-	-	-	0	
3	3	4	3	4	1	1	0	0	0	0	0	
-	-	-	-	-	-	-	-	-	-	-	-	
1,362	1,449	1,486	1,544	1,599	1,638	1,713	1,788	1,890	1,972	2,087	2,194	
260	337	340	407	411	388	322	273	339	378	580	648	
1,102	1,112	1,146	1,136	1,188	1,250	1,391	1,515	1,551	1,594	1,507	1,546	
-	-	-	-	-	-	-	-	-	-	-	-	
1,064	1,106	1,209	1,272	1,368	1,418	1,490	1,570	1,663	1,738	1,853	1,900	
625	649	710	747	803	832	884	934	988	1,032	1,139	1,075	
-	-	-	-	-	-	-	-	-	-	-	-	
408	424	464	488	525	544	538	565	600	631	714	780	
31	32	35	37	40	42	42	44	47	47	-	-	

## Major Economic Indicators of Peru

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	17.32	19.52	20.42	20.87	21.32	21.75	22.18	22.60
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	39.13	39.76	47.23	43.12	38.08	36.12	36.90	36.74
Real Term (Billions of 2000 Price and 2000 PPP)	89.89	91.35	108.52	99.08	87.49	82.99	84.78	84.42
Nominal (Billions of Current USD)	20.66	17.16	42.60	24.02	31.02	28.97	34.54	36.08
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	2,258	2,037	2,313	2,066	1,786	1,660	1,664	1,626
Real Term (2000 Price and 2000 PPP)	5,189	4,681	5,315	4,748	4,104	3,815	3,823	3,736
Nominal (Current USD)	1,193	880	2,086	1,151	1,455	1,332	1,557	1,597
Nominal GDP & its Components (Billions of Current PEN) *1								
Gross Domestic Product	5.968E-6	1.884E-4	7.172E-4	3.094E-3	8.272E-2	5.443	26.686	44.953
Household Final Consumption Expenditure, etc.	3.431E-6	1.235E-4	5.041E-4	1.850E-3	5.683E-2	4.011	20.607	34.934
General Government Final Consumption Expenditure	6.280E-7	1.792E-5	7.152E-5	3.203E-4	8.656E-3	0.430	2.067	3.566
Gross Fixed Capital Formation	1.493E-6	3.429E-5	1.427E-4	9.670E-4	1.442E-2	0.878	4.417	7.405
Stock Change	2.387E-7	4.140E-7	1.141E-5	7.300E-5	2.704E-3	0.019	0.197	0.375
Exports of Goods and Services	1.337E-6	4.327E-5	7.866E-5	5.828E-4	1.025E-2	0.858	3.375	5.738
Imports of Goods and Services	1.159E-6	3.100E-5	9.121E-5	6.995E-4	1.014E-2	0.753	3.866	7.016
Real GDP & its Components (Billions of 1994 PEN) *1								
Gross Domestic Product	88.80	90.24	107.21	97.88	86.43	81.98	83.76	83.40
Household Final Consumption Expenditure, etc.	64.02	68.79	81.04	74.50	66.14	60.90	62.99	62.79
General Government Final Consumption Expenditure	7.19	8.45	9.56	8.05	6.51	7.38	7.53	7.74
Gross Fixed Capital Formation	16.36	10.77	16.40	16.76	12.26	13.72	13.93	14.06
Stock Change	3.49	0.30	3.10	0.81	0.59	0.21	0.64	0.70
Exports of Goods and Services	9.03	10.09	8.43	7.58	9.00	9.26	9.80	10.23
Imports of Goods and Services	11.28	8.17	11.33	9.81	8.07	9.50	11.13	12.11
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	6.3	7.4	6.8	8.0	8.7	8.5	8.5	8.0
Industry	26.4	24.0	27.1	25.3	24.8	25.9	26.4	26.0
Services, etc.	57.6	59.7	56.4	57.6	57.6	56.4	55.8	56.4
Manufacturing Production Index (2000=100) *2	89.8	80.1	107.7	93.9	75.7	70.2	75.0	72.5
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	3.898	2.979	2.661	2.701	3.488	3.230	3.329	3.484
Imports, c.i.f.	2.573	1.767	3.003	3.109	2.009	2.634	2.813	3.964
Balance of Payments (Billions of Current USD) *2								
Trade Balance	0.826	1.219	-0.500	-0.134	1.246	0.399	-0.189	-0.340
Current Account	-0.101	0.102	-2.065	-1.819	-0.570	-1.419	-1.504	-1.886
Overall Balance	0.279	-1.594	-3.867	-3.056	-2.610	-2.141	-0.504	-0.922
Foreign Exchange Rate (PEN/USD) *1	2.889E-7	1.097E-5	1.684E-5	1.288E-4	0.00267	0.18789	0.77250	1.24583
Purchasing Power Parity (PEN/International Dollar) *1	1.230E-7	2.960E-6	9.030E-6	4.125E-5	0.00120	0.08037	0.37267	0.61630
Price Indices								
GDP Deflator (1994=100) *3	6.72E-6	2.09E-4	6.69E-4	3.16E-3	0.096	6.639	31.86	53.90
Wholesale Price Index (2000=100) *2	5.53E-6	1.87E-4	4.54E-4	3.31E-3	0.086	5.902	23.98	37.70
Consumer Price Index (2000=100) *2	1.75E-6	5.90E-5	1.95E-4	1.50E-3	0.052	3.971	20.23	35.11
Growth Rate (%) *3								
Real GDP	3.08	2.80	8.00	-8.70	-11.70	-5.14	2.17	-0.43
Population	2.60	2.33	2.27	2.21	2.14	2.05	1.96	1.88
Price								
Wholesale Price Index	N.A.	173.9	51.5	627.9	2,510.3	6,737.4	306.3	57.2
Consumer Price Index	59.1	163.4	85.8	667.0	3,398.7	7,481.7	409.5	73.5

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: PEN shows Nuevo Sol, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Peru (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
23.01	23.42	23.84	24.26	24.68	25.11	25.54	25.95	26.36	26.76	27.16	27.56	27.97
38.50	43.43	47.17	48.36	51.68	51.34	51.81	53.34	53.45	56.20	58.40	61.45	65.41
88.44	99.78	108.37	111.10	118.73	117.95	119.03	122.54	122.80	129.13	134.17	141.17	150.27
34.83	44.91	53.67	55.88	59.13	56.75	51.55	53.34	53.95	57.06	61.50	69.66	79.38
1,673	1,854	1,979	1,993	2,093	2,044	2,029	2,055	2,028	2,100	2,150	2,229	2,339
3,844	4,260	4,546	4,580	4,810	4,697	4,661	4,722	4,658	4,825	4,940	5,122	5,373
1,514	1,918	2,251	2,303	2,395	2,260	2,019	2,055	2,047	2,132	2,264	2,527	2,838
69.262	98.577	120.928	137.081	157.533	166.282	174.422	186.141	189.206	200.648	213.938	237.769	261.632
52.996	71.306	86.002	98.750	111.040	118.668	122.827	132.460	136.822	143.965	151.082	162.444	172.338
5.568	8.672	11.786	13.827	15.487	17.296	18.854	19.717	20.214	20.216	21.906	23.673	26.421
12.697	20.901	29.095	30.747	37.472	39.163	37.867	37.610	35.132	35.035	37.975	42.657	49.272
0.679	1.030	0.918	0.537	0.479	0.093	-1.074	-0.079	0.163	2.806	2.154	2.378	-0.634
8.444	12.074	15.231	18.230	22.621	21.843	26.221	29.785	29.621	32.092	37.824	50.327	64.762
11.094	15.473	22.073	24.885	29.273	30.815	30.447	33.796	33.674	34.548	37.989	42.602	50.157
87.37	98.58	107.06	109.76	117.29	116.52	117.59	121.06	121.31	127.57	132.55	139.46	148.46
64.93	71.31	78.22	80.64	84.27	83.50	83.16	86.20	87.46	91.52	94.38	97.65	101.95
7.98	8.67	9.41	9.82	10.57	10.83	11.21	11.56	11.45	11.47	11.91	12.39	13.60
15.63	20.90	25.47	24.74	28.52	28.11	24.97	23.74	21.78	21.54	22.93	24.90	28.29
0.86	1.03	0.91	0.36	0.31	0.06	-0.63	-0.05	0.09	1.61	1.23	1.19	-0.28
10.55	12.59	13.29	14.47	16.36	17.27	18.59	20.08	21.56	23.04	24.50	28.10	32.30
12.57	15.92	20.23	20.26	22.72	23.25	19.72	20.48	21.03	21.62	22.40	24.77	27.41
8.2	8.3	8.2	8.4	8.2	8.3	9.1	9.4	9.4	9.5	9.2	9.1	8.9
26.7	28.1	27.8	27.5	27.9	27.9	27.6	27.5	27.7	28.4	28.4	28.6	28.8
55.5	53.8	53.8	54.1	53.7	53.6	53.7	53.5	53.3	52.7	52.8	52.6	52.4
75.0	87.5	92.3	93.7	98.6	95.2	94.5	100.0	100.5	104.7	107.1	114.5	122.3
3.514	4.554	5.575	5.897	6.841	5.757	6.113	7.028	7.013	7.714	9.091	12.617	17.206
4.231	5.626	7.584	7.947	8.588	8.220	7.404	7.415	7.316	7.493	8.414	10.101	12.502
-0.776	-1.075	-2.241	-1.991	-1.678	-2.437	-0.655	-0.411	-0.195	0.292	0.836	2.792	5.163
-2.464	-2.701	-4.625	-3.646	-3.367	-3.321	-1.464	-1.526	-1.144	-1.063	-0.935	-0.011	1.030
-0.359	1.553	-0.590	0.880	2.055	-1.241	-0.862	-0.130	0.432	1.010	0.561	2.456	1.411
1.98832	2.19500	2.25333	2.45333	2.66417	2.93000	3.38333	3.49000	3.50683	3.51650	3.47847	3.41318	3.29584
0.88601	1.09463	1.21167	1.31475	1.39063	1.46135	1.49736	1.51906	1.50456	1.49121	1.49976	1.54364	1.54893
79.27	100.0	112.9	124.9	134.3	142.7	148.3	153.8	156.0	157.3	161.4	170.5	176.2
55.62	65.6	72.5	79.3	85.2	91.4	95.8	100.0	101.4	100.3	102.0	107.4	109.8
52.16	64.5	71.7	80.0	86.9	93.1	96.4	100.0	104.4	102.2	104.5	108.3	110.1
4.76	12.82	8.61	2.52	6.86	-0.66	0.91	2.95	0.21	5.16	3.90	5.22	6.45
1.82	1.79	1.78	1.77	1.76	1.73	1.69	1.63	1.57	1.53	1.49	1.48	1.47
47.6	17.9	10.5	9.4	7.4	7.3	4.9	4.3	1.4	-1.0	1.7	5.2	2.3
48.6	23.7	11.1	11.5	8.6	7.2	3.5	3.8	2.0	0.2	2.3	3.7	1.6

## Energy Price of Peru in 2005

## Currency Exchange Rate

	Local currency / US Dollar	
<b>Currency Exchange Rate</b>		
<b>Local Currency Unit</b>		

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal			Coking Coal			Coking Coal		
Anthracite			Anthracite			Anthracite		
Other bituminous coal			Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal	US\$ / t	82.21	Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke	US\$ / t	262.28	Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil	US\$ / bbl	48.49	<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG	US\$ / bbl	43.145	Ethane			Ethane		
Naphtha	US\$ / bbl	62.64	LPG	US\$ / bbl	43.82	LPG	US\$ / bbl	80.62
Motor Gasoline	US\$ / bbl	66.67	Naphtha			Naphtha		
Aviation Gasoline	US\$ / bbl	113.54	Motor Gasoline	US\$ / bbl	77.51	Motor Gasoline	US\$ / bbl	167.85
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline		
Kerosene Type Jet Fuel	US\$ / bbl	139	Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene			Kerosene Type Jet Fuel	US\$ / bbl	103.32	Kerosene Type Jet Fuel		
Gas/Diesel Oil	US\$ / bbl	70.06	Other Kerosene	US\$ / bbl	84.2	Other Kerosene	US\$ / bbl	138.73
Fuel Oil	US\$ / bbl	60.11	Gas/Diesel Oil	US\$ / bbl	85.1	Gas/Diesel Oil	US\$ / bbl	129.09
White Spirit SBP			Fuel Oil			Fuel Oil		
Lubricants	US\$ / bbl	60.38	White Spirit SBP			White Spirit SBP		
Bitumen			Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke	US\$ / t	54.23	Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas			<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas			Natural Gas	US\$/MMBTU	2.57	Natural Gas	US\$/MMBTU	4.53
Compressed Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas	US\$/MMBTU	2.97	Compressed Natural Gas	US\$/MMBTU	12.3
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity	cent US\$/kWh	5.35	Industrial	cent US\$/kWh	5.8
			<b>Other Energy Products</b>			Commercial	cent US\$/kWh	8.5
						Residential	cent US\$/kWh	10.8
						Others	cent US\$/kWh	10.3
						<b>Other Energy Products</b>		

## 3.15 Philippines

## Energy Balance Table of Philippines in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	1,520	-	589	-	-	-	-	-	-
2 Import	3,710	-	10,843	5,244	1,188	-	259	98	2,249
3 Export	-	-	-560	-1,423	-	-97	-	-	-170
4 International Marine Bunkers	-	-	-	-122	-	-	-	-	-21
5 Stock Changes	-	-	174	103	-43	19	13	10	91
6 Total Primary Energy Supply	5,230	-	11,046	3,801	1,145	-78	272	108	2,149
7 Transfers	-	-	555	-555	-	-	-	-	-
8 Total Transformation Sector	-4,109	-	-10,482	8,805	1,678	131	708	220	3,287
8.1 Main Activity Producer	-4,109	-	-	-1,382	-	-	-	-	-153
8.2 Autoproducers	-	-	-	-	-	-	-	-	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-10,482	10,187	1,678	131	708	220	3,439
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	555	-	-	-	-	-
10. Discrepancy	88	-	-1,119	19	61	-53	-145	-33	104
11 Total Final Energy Consumption	1,208	-	-	12,625	2,884	-	834	295	5,540
12 Industry Sector	1,208	-	-	2,054	-	-	-	54	580
13 Transport Sector	-	-	-	8,444	2,859	-	834	-	4,348
14 Other Sector	-	-	-	2,128	25	-	-	241	612
14.1 Residential & Commercial	-	-	-	1,658	-	-	-	232	219
14.2 Agriculture	-	-	-	174	25	-	-	7	132
14.3 Other	-	-	-	296	-	-	-	2	260
15 Non-energy	127	-	-	46	-	-	-	-	-

## Energy Balance Table of Philippines in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	1,310	-	462	-	-	-	-	-	-
2 Import	3,681	-	10,175	6,613	1,425	-	364	153	2,831
3 Export	-	-	-442	-899	-40	-284	-	-	-105
4 International Marine Bunkers	-	-	-	-139	-	-	-	-	-35
5 Stock Changes	-	-	350	-62	-40	19	-6	-2	-
6 Total Primary Energy Supply	4,991	-	10,544	5,513	1,344	-265	358	151	2,691
7 Transfers	-	-	-458	458	-	-	-	-	-
8 Total Transformation Sector	-3,446	-	-9,759	7,523	1,523	228	582	233	2,801
8.1 Main Activity Producer	-3,446	-	-	-2,011	-	-	-	-	-205
8.2 Autoproducers	-	-	-	-	-	-	-	-	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-9,759	9,534	1,523	228	582	233	3,007
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-30	-	-	-458	-	-	-	-	-
10. Discrepancy	-460	-	-327	-15	100	37	-7	-13	-49
11 Total Final Energy Consumption	1,055	-	-	13,021	2,967	-	933	371	5,443
12 Industry Sector	1,055	-	-	2,186	-	-	-	74	586
13 Transport Sector	-	-	-	8,662	2,959	-	933	-	4,358
14 Other Sector	-	-	-	2,173	7	-	-	297	498
14.1 Residential & Commercial	-	-	-	1,767	-	-	-	293	233
14.2 Agriculture	-	-	-	69	7	-	-	2	51
14.3 Other	-	-	-	336	-	-	-	2	215
15 Non-energy	159	-	-	-	-	-	-	-	-



Energy Balance Table of Philippines in 2005 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	2,683	721	-	8,517	7,498	-	-	21,529	
624	715	-	-	111	-	-	-	-	-	-	-	19,797	
-923	-4	-	-	-229	-	-	-	-	-	-	-	-1,983	
-101	-	-	-	-	-	-	-	-	-	-	-	-122	
18	1	-	-	-6	-	-	-	-	-	-	-	276	
-382	711	-	-	-124	2,683	721	-	8,517	7,498	-	-	39,496	
-	-	-	-	-555	-	-	-	-	-	-	-	-	
2,272	360	-	-	150	-2,473	-721	-	-8,517	-1,294	4,867	-	-13,924	
-1,229	-	-	-	-	-2,473	-721	-	-8,517	-	4,865	-	-12,338	
-	-	-	-	-	-	-	-	-	-10	2	-	-7	
-	-	-	-	-	-	-	-	-	-	-	-	-	
3,501	360	-	-	150	-	-	-	-	-	-	-	-295	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-1,284	-	-	-1,284	
-	-	-	-	555	-210	-	-	-	-	-987	-	-641	
36	16	-	-	33	0	-	-	-	0	36	-	-977	
1,926	1,087	-	-	60	0	-	-	-	6,204	3,917	-	23,954	
1,280	93	-	-46	46	-	-	-	-	1,206	1,368	-	5,836	
403	-	-	-	-	0	-	-	-	-	8	-	8,452	
242	994	-	-	13	-	-	-	-	4,998	2,540	-	9,666	
213	994	-	-	-	-	-	-	-	4,998	2,532	-	9,188	
9	-	-	-	-	-	-	-	-	-	7	-	181	
20	-	-	-	13	-	-	-	-	-	2	-	298	
-	-	-	-	46	-	-	-	-	-	-	-	174	

Energy Balance Table of Philippines in 2004 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	2,059	739	-	8,843	7,669	-	-	21,082	
1,025	816	-	-	-	-	-	-	-	-	-	-	20,469	
-469	-	-	-	-	-	-	-	-	-	-	-	-1,341	
-104	-	-	-	-	-	-	-	-	-	-	-	-139	
-23	-7	-	-	-2	-	-	-	-	-0	-	-	288	
428	809	-	-	-2	2,059	739	-	8,843	7,669	-	-	40,358	
-	-	-	-	458	-	-	-	-	-	-	-	-	
1,734	289	-	-	133	-1,963	-739	-	-8,843	-1,274	4,815	-	-13,686	
-1,805	-	-	-	-	-1,963	-739	-	-8,843	-	4,812	-	-12,189	
-	-	-	-	-	-	-	-	-	-10	2	-	-7	
-	-	-	-	-	-	-	-	-	-	-	-	-	
3,539	289	-	-	133	-	-	-	-	-	-	-	-226	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-1,265	-	-	-1,265	
-	-	-	-	-458	-94	-	-	-	-	-1,022	-	-1,604	
-147	104	-	-	-40	-2	-	-	-	-0	-2	-	-806	
2,015	1,202	-	-	91	0	-	-	-	6,395	3,791	-	24,262	
1,366	159	-	-	-	-	-	-	-	1,163	1,291	-	5,695	
412	-	-	-	-	0	-	-	-	-	6	-	8,668	
236	1,043	-	-	91	-	-	-	-	5,232	2,494	-	9,898	
199	1,043	-	-	-	-	-	-	-	5,232	2,486	-	9,485	
9	-	-	-	-	-	-	-	-	-	7	-	76	
29	-	-	-	91	-	-	-	-	-	2	-	338	
-	-	-	-	-	-	-	-	-	-	-	-	159	

## Major Energy Indicators of Philippines

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	12,441	12,650	13,421	14,172	15,748	17,319	17,612	19,054	19,296
Indigenous Production	2,703	5,638	5,141	5,582	5,936	6,009	6,135	6,458	6,418
Import	10,525	7,360	9,316	10,459	10,944	12,078	12,103	13,833	14,082
Export	-133	-165	-263	-582	-407	-663	-794	-906	-990
Final Energy Consumption	9,041	7,049	7,409	9,436	9,439	10,275	9,797	10,488	11,564
Industry	4,666	3,395	2,858	3,596	3,939	3,796	3,985	4,089	4,544
Transport	2,289	2,019	2,840	3,220	3,194	3,779	4,050	4,558	5,077
Residential & Commercial	1,129	1,093	1,182	1,440	1,622	2,050	1,762	1,842	1,943
Agriculture	-	-	-	-	-	208	-	-	-
<b>Coal, Coal Products</b>									
Primary Energy Supply	269	1,159	941	1,211	1,003	1,042	1,290	1,253	1,292
Indigenous Production	151	580	544	609	563	567	601	757	688
Import	118	579	286	602	441	622	655	503	581
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-47	-801	-605	-509	-490	-420	-426	-401	-467
Power Generation	-47	-801	-605	-509	-490	-420	-426	-401	-467
Final Energy Consumption	82	309	332	649	645	585	566	458	561
Industry	82	309	332	649	645	585	566	458	561
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	9,146	6,203	7,775	8,701	9,120	10,332	10,036	11,161	10,873
Indigenous Production	462	341	248	269	243	220	139	417	424
Import	8,684	6,236	7,808	9,038	9,051	10,227	9,787	11,365	10,687
Export	-	-	-	-	-	-	-	-301	-263
Transformation Sector	-8,809	-6,201	-7,786	-8,907	-9,117	-10,333	-9,893	-11,041	-10,957
Petroleum Refineries	-8,809	-6,201	-7,786	-8,907	-9,117	-10,333	-9,893	-11,041	-10,957
<b>Petroleum Products</b>									
Primary Energy Supply	937	572	356	-445	494	723	891	1,356	1,824
Import	1,723	545	1,222	819	1,453	1,229	1,661	1,965	2,814
Export	-133	-165	-263	-582	-407	-663	-794	-605	-726
Transformation Sector	5,522	4,208	5,268	6,144	6,116	7,203	6,096	6,943	6,834
Power Generation	-2,547	-1,586	-2,126	-2,240	-2,469	-2,600	-3,293	-3,548	-3,625
Petroleum Refineries	8,069	5,794	7,394	8,383	8,586	9,803	9,389	10,491	10,459
Final Energy Consumption	7,671	5,302	5,688	6,644	6,912	8,032	7,391	8,255	9,180
Industry	3,878	2,312	1,984	2,211	2,538	2,450	2,615	2,869	3,176
Transport	2,289	2,019	2,840	3,220	3,194	3,779	3,968	4,487	5,015
Residential & Commercial	625	430	473	659	797	1,164	808	899	989
Agriculture	-	-	-	-	-	198	-	-	-
<b>Natural Gas</b>									
Primary Energy Supply	-	-	-	-	-	-	-	-	-
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-	-	-	-	-	-	-	-	-
Power Generation	-	-	-	-	-	-	-	-	-
Final Energy Consumption	-	-	-	-	-	-	-	-	-
Industry	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	1,538	1,873	1,915	2,078	2,165	2,227	2,206	2,225	2,286
Thermal	1,235	1,395	1,464	1,539	1,608	1,706	1,763	1,843	1,854
Hydro	303	478	451	539	558	521	442	382	433
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	1,287	1,438	1,389	1,538	1,708	1,658	1,839	1,775	1,824
Industry	706	775	542	737	756	762	803	762	808
Transport	-	-	-	-	-	-	82	71	62
Residential & Commercial	505	663	708	781	825	886	954	943	954
Agriculture	-	-	-	-	-	10	-	-	-

## Major Energy Indicators of Philippines (Continued)

ktoe

1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
21,553	22,978	24,789	27,423	27,307	29,896	31,322	29,910	30,287	30,088	40,358	39,496
6,819	6,527	6,780	7,259	8,673	10,316	11,381	10,380	12,585	13,308	21,082	21,529
15,556	17,813	19,251	20,630	19,539	20,577	21,873	21,604	20,244	19,940	20,469	19,797
-751	-931	-1,303	-1,260	-855	-1,111	-1,824	-1,370	-1,994	-2,229	-1,341	-1,983
12,578	14,105	15,088	15,044	15,456	17,112	17,066	17,308	17,260	17,707	24,262	23,954
5,002	5,651	5,646	3,294	4,029	3,682	3,431	3,594	4,151	4,158	5,695	5,836
5,400	6,078	6,862	7,013	7,516	8,274	8,214	8,784	8,429	8,677	8,668	8,452
2,176	2,376	2,580	3,789	3,620	4,456	4,762	4,352	4,128	4,277	9,485	9,188
-	-	-	559	-	456	326	254	324	355	76	181
1,162	1,310	1,910	2,469	2,038	2,968	4,119	4,280	3,982	3,961	4,991	5,230
661	588	505	491	527	480	649	590	729	882	1,310	1,520
508	780	1,361	1,935	1,499	2,499	3,474	3,644	3,310	3,079	3,681	3,710
-	-	-	-	-	-	-	-	-	-	-	-
-393	-613	-1,097	-1,519	-1,709	-2,223	-3,374	-3,397	-3,214	-3,050	-3,446	-4,109
-393	-613	-1,097	-1,519	-1,709	-2,223	-3,374	-3,397	-3,214	-3,050	-3,446	-4,109
617	657	639	850	785	695	650	809	711	885	1,055	1,208
617	657	639	703	679	590	524	696	622	770	1,055	1,208
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
11,194	15,126	16,561	17,774	15,010	16,116	15,357	14,762	13,036	12,202	10,544	11,046
213	122	42	22	37	45	52	64	719	674	462	589
11,290	15,205	16,345	16,463	14,889	15,804	15,272	15,003	12,650	12,294	10,175	10,843
-168	-88	-	-	-	-	-	-	-447	-654	-442	-560
-11,192	-14,987	-16,152	-16,713	-15,961	-15,900	-14,955	-15,387	-12,692	-11,860	-9,759	-10,482
-11,192	-14,987	-16,152	-16,713	-15,961	-15,900	-14,955	-15,387	-12,692	-11,860	-9,759	-10,482
3,252	724	85	435	2,150	1,022	1,166	1,141	2,131	2,174	5,513	3,801
3,758	1,828	1,545	2,232	3,150	2,273	3,127	2,957	4,283	4,567	6,613	5,244
-583	-843	-1,303	-1,260	-855	-1,111	-1,824	-1,370	-1,546	-1,575	-899	-1,423
6,792	10,315	11,822	11,348	11,187	12,501	12,630	11,469	10,370	10,023	7,523	8,805
-3,926	-4,183	-4,006	-4,541	-4,157	-3,256	-2,174	-2,479	-1,623	-1,613	-2,011	-1,382
10,718	14,497	15,828	15,889	15,344	15,757	14,805	13,947	11,993	11,636	9,534	10,187
9,846	11,161	11,935	11,461	11,735	13,523	13,272	13,133	13,227	13,155	13,021	12,625
3,466	4,052	3,988	1,846	2,272	2,312	1,772	1,656	2,357	2,088	2,186	2,054
5,334	5,986	6,761	7,010	7,513	8,272	8,183	8,695	8,424	8,673	8,662	8,444
1,045	1,122	1,185	1,912	1,846	2,460	2,820	2,318	1,988	1,920	1,767	1,658
-	-	-	449	-	339	290	254	319	349	69	174
6	5	9	-	8	6	10	135	1,724	2,628	2,059	2,683
6	5	9	-	8	6	10	135	1,724	2,628	2,059	2,683
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-6	-5	-9	-	-8	-6	-10	-135	-1,724	-2,628	-1,963	-2,473
-6	-5	-9	-	-8	-6	-10	-135	-1,724	-2,628	-1,963	-2,473
-	-	-	-	-	-	-	-	-	-	0	0
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	0	0
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
2,620	2,887	3,158	3,427	3,576	3,551	3,895	4,046	4,168	4,546	4,815	4,867
2,116	2,351	2,554	2,905	3,140	2,877	3,224	3,435	3,563	3,869	4,076	4,146
504	536	605	522	436	674	671	611	605	677	739	721
-	-	-	-	-	-	-	-	-	-	-	-
2,115	2,287	2,515	2,733	2,936	2,894	3,144	3,366	3,322	3,667	3,791	3,917
919	942	1,019	744	1,079	779	1,134	1,243	1,172	1,299	1,291	1,368
66	92	100	2	2	3	31	90	5	5	6	8
1,131	1,254	1,395	1,877	1,774	1,996	1,942	2,033	2,140	2,357	2,486	2,532
-	-	-	110	-	117	36	-	5	6	7	7

## Major Economic Indicators of Philippines

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	48.09	54.27	56.92	58.29	59.69	61.10	62.54	63.99
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	47.58	44.62	48.13	51.38	54.57	56.23	55.90	56.09
Real Term (Billions of 2000 Price and 2000 PPP)	191.38	179.49	193.63	206.70	219.53	226.20	224.89	225.65
Nominal (Billions of Current USD)	32.45	30.73	33.20	37.89	42.58	44.31	45.42	52.98
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	989	822	846	881	914	920	894	877
Real Term (2000 Price and 2000 PPP)	3,980	3,308	3,402	3,546	3,678	3,702	3,596	3,526
Nominal (Current USD)	675	566	583	650	713	725	726	828
Nominal GDP & its Components (Billions of Current PHP) *1								
Gross Domestic Product	243.75	571.88	682.76	799.18	925.44	1,077.24	1,248.01	1,351.56
Household Final Consumption Expenditure, etc.	156.82	420.83	482.33	558.76	649.28	767.06	916.38	1,019.21
General Government Final Consumption Expenditure	22.10	43.52	57.33	72.18	88.19	108.84	123.89	130.52
Gross Fixed Capital Formation	66.35	94.17	112.66	142.23	192.66	248.95	250.15	282.78
Stock Change	4.55	-12.12	6.81	6.97	7.23	11.21	2.18	5.62
Exports of Goods and Services	57.46	137.34	181.90	226.91	260.16	296.42	369.38	393.71
Imports of Goods and Services	69.40	125.20	179.03	215.29	280.12	358.55	406.70	459.91
Real GDP & its Components (Billions of 1985 PHP) *1								
Gross Domestic Product	609.77	571.88	616.92	658.58	699.45	720.69	716.52	718.94
Household Final Consumption Expenditure, etc.	397.40	420.83	452.39	480.56	504.62	531.77	543.79	561.51
General Government Final Consumption Expenditure	50.18	43.52	45.79	49.94	53.43	57.04	55.83	55.34
Gross Fixed Capital Formation	150.72	94.17	101.63	118.25	143.80	165.36	141.90	150.97
Stock Change	10.35	-12.12	6.46	5.71	5.51	7.59	1.14	3.28
Exports of Goods and Services	167.52	137.34	171.53	196.46	213.89	217.86	231.51	241.43
Imports of Goods and Services	182.77	125.20	177.53	212.36	244.59	269.15	266.14	289.27
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	23.5	24.6	24.4	23.6	22.9	22.3	22.7	22.8
Industry	40.5	35.1	34.6	35.2	35.6	35.5	34.7	34.4
Services, etc.	36.0	40.4	41.0	41.2	41.5	42.2	42.5	42.8
Manufacturing Production Index (2000=100) *2	N.A.	17.2	21.1	27.7	31.2	34.3	41.4	44.3
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	5.741	4.607	5.649	7.032	7.755	8.117	8.801	9.751
Imports, c.i.f.	8.295	5.459	7.144	8.721	11.171	13.042	12.858	15.465
Balance of Payments (Billions of Current USD) *2								
Trade Balance	-1.939	-0.482	-1.017	-1.085	-2.598	-4.020	-3.211	-4.695
Current Account	-1.917	-0.036	-0.444	-0.390	-1.456	-2.695	-1.034	-1.000
Overall Balance	0.891	0.838	-0.058	0.674	0.300	-0.045	1.755	1.689
Foreign Exchange Rate (PHP/USD) *1	7.5114	18.6073	20.5677	21.0947	21.7367	24.3105	27.4786	25.5125
Purchasing Power Parity (PHP/International Dollar) *1	2.3587	4.5736	4.8183	5.1079	5.3657	5.8359	6.5707	6.9323
Price Indices								
GDP Deflator (1985=100) *3	40.0	100.0	110.7	121.3	132.3	149.5	174.2	188.0
Wholesale Price Index (2000=100) *2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index (2000=100) *2	12.8	32.5	34.0	36.9	40.9	46.0	54.5	59.2
Growth Rate (%) *3								
Real GDP	5.15	-7.31	4.31	6.75	6.21	3.04	-0.58	0.34
Population	2.62	2.41	2.42	2.41	2.39	2.37	2.34	2.32
Price								
Wholesale Price Index	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index	18.2	23.1	3.8	8.8	10.6	12.7	18.5	8.6

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: PHP shows Philippine Peso, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Philippines (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
65.45	66.92	68.40	69.87	71.35	72.82	74.29	75.77	77.24	78.71	80.17	81.62	83.05
57.28	59.79	62.59	66.25	69.69	69.28	71.64	75.91	77.24	80.68	84.66	89.89	94.37
230.42	240.53	251.79	266.51	280.33	278.71	288.17	305.37	310.74	324.56	340.56	361.62	379.61
54.37	64.08	74.12	82.85	82.34	65.17	76.16	75.91	71.22	76.81	79.63	86.70	98.37
875	893	915	948	977	951	964	1,002	1,000	1,025	1,056	1,101	1,136
3,521	3,594	3,681	3,814	3,929	3,827	3,879	4,030	4,023	4,124	4,248	4,431	4,571
831	958	1,084	1,186	1,154	895	1,025	1,002	922	976	993	1,062	1,184
1,474.46	1,692.93	1,905.95	2,171.92	2,426.74	2,665.06	2,976.90	3,354.73	3,631.47	3,963.87	4,316.40	4,858.83	5,418.84
1,122.53	1,258.75	1,411.90	1,595.35	1,762.01	1,980.09	2,161.65	2,335.54	2,565.02	2,750.99	2,988.24	3,344.22	3,773.14
149.06	182.78	217.04	259.50	319.93	354.41	389.24	438.86	444.83	456.90	477.41	492.11	525.69
350.54	400.14	423.20	508.74	592.58	563.64	568.25	710.49	651.29	698.11	726.87	783.99	807.99
3.05	7.23	4.70	12.86	8.67	-21.54	-10.00	-0.42	37.76	2.11	-0.26	31.91	12.52
462.38	572.65	692.95	879.77	1,188.05	1,389.86	1,532.16	1,858.58	1,785.23	1,991.33	2,142.04	2,470.66	2,564.35
586.93	679.44	842.07	1,070.61	1,438.91	1,566.62	1,527.42	1,794.72	1,899.39	2,010.48	2,398.39	2,659.01	2,816.08
734.16	766.37	802.22	849.12	893.15	888.00	918.16	972.96	990.04	1,034.09	1,085.07	1,152.17	1,209.47
578.59	600.11	622.99	651.79	684.32	707.90	726.58	752.07	779.01	810.78	853.60	903.13	947.75
58.75	62.34	65.81	68.53	71.70	70.30	75.04	79.65	75.41	72.53	74.42	75.45	78.49
164.12	176.39	184.67	206.85	230.59	204.83	200.17	240.06	208.79	213.27	221.29	224.18	215.40
2.27	4.41	2.46	3.59	4.46	-8.03	-7.28	-1.00	12.83	-1.19	-2.87	9.89	4.53
256.45	307.21	344.18	397.20	465.32	367.45	380.75	445.67	430.34	447.69	469.54	537.17	559.54
322.55	369.33	428.47	500.19	567.67	484.23	470.67	490.77	508.04	536.54	594.60	628.91	643.81
22.8	22.4	21.5	21.1	20.7	19.5	20.1	19.8	20.2	20.1	19.8	19.7	19.1
34.3	34.7	35.4	35.6	35.9	35.3	34.5	35.5	34.0	33.8	33.5	33.0	33.0
43.0	42.9	43.1	43.3	43.4	45.1	45.4	44.8	45.9	46.1	46.7	47.3	47.9
52.9	58.6	69.1	75.2	81.7	80.1	86.7	100.0	108.3	106.5	115.1	125.1	141.3
11.129	13.304	17.502	20.408	24.882	29.414	36.576	39.783	32.664	35.208	36.231	39.681	41.255
18.772	22.641	28.341	34.126	38.622	31.496	32.568	37.027	34.921	39.236	40.470	44.039	47.418
-6.222	-7.850	-8.944	-11.342	-11.127	-0.028	-5.977	-5.971	-6.265	-5.530	-5.851	-5.684	-7.546
-3.016	-2.950	-1.980	-3.953	-4.351	1.546	-2.874	-2.225	-1.744	-0.279	0.288	1.633	2.338
0.336	2.327	1.235	4.338	-3.094	1.279	3.767	-0.477	-0.687	0.175	-0.079	-0.303	1.640
27.1198	26.4172	25.7145	26.2161	29.4707	40.8931	39.0890	44.1923	50.9927	51.6036	54.2033	56.0399	55.0855
7.2396	7.7985	8.2197	8.6841	9.0731	9.9118	10.5554	10.9856	11.4118	11.7206	11.9208	12.3142	12.6998
200.8	220.9	237.6	255.8	271.7	300.1	324.2	344.8	366.8	383.3	397.8	421.7	448.0
64.1	66.7	69.6	72.4	74.9	83.1	88.9	100.0	117.0	120.4	130.2	140.0	155.1
63.3	68.6	73.2	78.7	83.1	90.8	96.2	100.0	104.4	110.0	113.8	120.6	129.8
2.12	4.39	4.68	5.85	5.19	-0.58	3.40	5.97	1.76	4.45	4.93	6.18	4.97
2.29	2.25	2.20	2.16	2.11	2.07	2.02	1.98	1.94	1.90	1.86	1.81	1.76
N.A.	4.1	4.2	4.1	3.5	10.9	7.0	12.5	17.0	2.9	8.1	7.5	10.7
6.9	8.4	6.7	7.5	5.6	9.3	5.9	4.0	6.8	3.0	3.5	6.0	7.6

## Original Table (Quarterly) of Philippines in 2006

Coal		Unit: MT			
		Production	Imports	Exports	Stock Changes
2006	JAN.	182,237	431,108	-	-
	FEB.	236,621	629,187	-	-
	MAR.	201,350	579,809	-	-
	<b>1st quarter</b>	620,208	1,640,103	-	-
	APR.	222,568	557,582	-	-
	MAY.	224,824	509,405	-	-
	JUN.	275,900	571,098	-	-
	<b>2nd quarter</b>	723,292	1,638,084	-	-
	JUL.	208,045	691,245	-	-
	AUG.	167,278	825,261	-	-
	SEP.	231,902	675,540	-	-
	<b>3rd quarter</b>	607,225	2,192,046	-	-
	OCT.	215,025	636,239	-	-
	NOV.	205,471	601,634	-	-
	DEC.	216,671	495,161	-	-
	<b>4th quarter</b>	637,167	1,733,034	-	-
		2,587,892	7,203,268	-	-

Oil		Unit: bbl						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	621,000	7,964,000	600,000	1,311,000	3,135,000	1,460,000	-477,000
	FEB.	318,000	6,024,000	300,000	243,000	4,112,000	736,000	1,612,000
	MAR.	587,000	6,037,000	571,000	1,034,000	4,347,000	1,357,000	-1,309,000
	<b>1st quarter</b>	1,526,000	20,025,000	1,471,000	2,588,000	11,594,000	3,553,000	-174,000
	APR.	315,000	6,274,000	315,000	-482,000	2,793,000	1,055,000	-396,000
	MAY.	629,000	6,492,000	629,000	-491,000	3,506,000	1,038,000	412,000
	JUN.	353,000	8,329,000	325,000	1,511,000	2,940,000	1,195,000	-251,000
	<b>2nd quarter</b>	1,297,000	21,095,000	1,269,000	538,000	9,239,000	3,288,000	-235,000
	JUL.	329,000	6,716,000	315,000	-258,000	3,256,000	1,455,000	402,000
	AUG.	524,000	6,584,000	574,000	-95,000	4,493,000	1,266,000	2,005,000
	SEP.	652,000	5,723,000	630,000	-232,000	2,049,000	1,557,000	-1,454,000
	<b>3rd quarter</b>	1,505,000	19,023,000	1,519,000	-585,000	9,798,000	4,278,000	953,000
	OCT.	316,000	8,499,000	293,000	1,602,000	3,292,000	883,000	874,000
	NOV.	337,000	5,446,000	315,000	-1,277,000	3,642,000	921,000	815,000
	DEC.	315,000	4,000,000	315,000	-1,776,000	3,321,000	399,000	-657,000
	<b>4th quarter</b>	968,000	17,945,000	923,000	-1,451,000	10,255,000	2,203,000	1,032,000
		5,296,000	78,088,000	5,182,000	1,090,000	40,886,000	13,322,000	1,576,000

Original Table (Quarterly) of Philippines in 2006 (Continued)

Natural Gas ( or LNG)		Unit: 1,000CM			
		Production	Imports	Exports	Stock Changes
2006	JAN.	227,042	-	-	-
	FEB.	223,702	-	-	-
	MAR.	258,659	-	-	-
	<b>1st quarter</b>	709,403	-	-	-
	APR.	279,774	-	-	-
	MAY.	264,702	-	-	-
	JUN.	264,922	-	-	-
	<b>2nd quarter</b>	809,398	-	-	-
	JUL.	299,274	-	-	-
	AUG.	302,327	-	-	-
	SEP.	271,561	-	-	-
	<b>3rd quarter</b>	873,162	-	-	-
	OCT.	336,673	-	-	-
	NOV.	205,614	-	-	-
	DEC.	141,148	-	-	-
	<b>4th quarter</b>	683,435	-	-	-
	3,075,399	-	-	-	

Electricity		Unit: GWh					Imports	Exports
		Total	Thermal	Hydro	Nuclear	Others		
2006	JAN.	4,002	3,294	685	-	24	-	-
	FEB.	3,810	3,135	652	-	23	-	-
	MAR.	3,633	2,989	622	-	22	-	-
	<b>1st quarter</b>	11,446	9,418	1,959	-	69	-	-
	APR.	3,471	2,856	595	-	21	-	-
	MAY.	6,315	5,200	1,077	-	38	-	-
	JUN.	5,932	4,884	1,012	-	36	-	-
	<b>2nd quarter</b>	15,718	12,939	2,684	-	95	-	-
	JUL.	5,546	4,594	952	-	34	-	-
	AUG.	5,226	4,328	898	-	32	-	-
	SEP.	4,932	4,084	847	-	30	-	-
	<b>3rd quarter</b>	15,704	13,006	2,698	-	95	-	-
	OCT.	4,662	3,860	801	-	28	-	-
	NOV.	4,414	3,655	759	-	27	-	-
	DEC.	4,187	3,466	720	-	25	-	-
	<b>4th quarter</b>	13,263	10,982	2,281	-	81	-	-
	56,131	46,345	9,621	-	340	-	-	

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.





## 3.16 Russia

## Energy Balance Table of Russia in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	138,974	-	468,711	-	-	-	-	-	-
<b>2 Import</b>	12,299	106	2,438	27	9	-	-	-	1
<b>3 Export</b>	-43,650	-1,997	-253,850	-84,276	-6,338	-	-	-	-35,172
<b>4 International Marine Bunkers</b>	-	-	-	-	-	-	-	-	-
<b>5 Stock Changes</b>	-2,364	-30	-458	1,023	175	-	-	-	-170
<b>6 Total Primary Energy Supply</b>	105,259	-1,921	216,841	-83,226	-6,154	-	-	-	-35,341
<b>7 Transfers</b>	-	-	-	-	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-96,669	11,805	-213,894	191,508	34,291	-	10,688	73	60,495
<b>8.1 Main Activity Producer</b>	-52,217	-	-	-5,102	-	-	-	-	-
<b>8.2 Autoproducers</b>	-19,909	-4,697	-766	-10,900	-	-	-	-	-1,608
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-213,129	207,510	34,291	-	10,688	73	62,103
<b>8.5 Coal Transformation</b>	-24,543	16,502	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-425	-142	-2,876	-12,495	-	-	-	-	-1,242
<b>10. Discrepancy</b>	21	6	0	-620	-	-	-	-	-0
<b>11 Total Final Energy Consumption</b>	8,185	9,749	70	95,167	28,138	-	10,688	73	23,912
<b>12 Industry Sector</b>	2,795	9,735	13	20,788	-	-	-	-	1,929
<b>13 Transport Sector</b>	-	-	19	53,842	28,138	-	10,688	-	14,000
<b>14 Other Sector</b>	5,390	14	38	20,537	-	-	-	73	7,982
<b>14.1 Residential &amp; Commercial</b>	5,221	14	31	7,409	-	-	-	73	3,315
<b>14.2 Agriculture</b>	113	-	7	4,214	-	-	-	-	4,158
<b>14.3 Other</b>	56	-	-	8,913	-	-	-	-	509
<b>15 Non-energy</b>	316	351	-	10,559	-	-	-	-	-

## Energy Balance Table of Russia in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	130,063	-	458,494	-	-	-	-	-	-
<b>2 Import</b>	12,196	141	4,230	581	553	-	-	-	2
<b>3 Export</b>	-37,515	-2,683	-258,912	-72,120	-4,514	-	-	-	-31,195
<b>4 International Marine Bunkers</b>	-	-	-	-	-	-	-	-	-
<b>5 Stock Changes</b>	1,987	-50	-1,388	-36	-376	-	-	-	180
<b>6 Total Primary Energy Supply</b>	106,730	-2,591	202,424	-71,575	-4,337	-	-	-	-31,013
<b>7 Transfers</b>	-	-	-	-	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-97,659	10,914	-198,273	178,467	32,680	-	10,215	69	55,939
<b>8.1 Main Activity Producer</b>	-50,711	-	-	-5,904	-	-	-	-	-
<b>8.2 Autoproducers</b>	-20,099	-5,055	-915	-11,282	-	-	-	-	-1,389
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-197,358	195,654	32,680	-	10,215	69	57,328
<b>8.5 Coal Transformation</b>	-26,849	15,969	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-527	-12	-3,945	-11,667	-	-	-	-	-903
<b>10. Discrepancy</b>	0	249	0	-243	-0	-	-	-	0
<b>11 Total Final Energy Consumption</b>	8,545	8,561	206	94,983	28,343	-	10,215	69	24,023
<b>12 Industry Sector</b>	2,144	8,547	111	22,651	-	-	-	-	2,753
<b>13 Transport Sector</b>	-	-	37	53,813	28,343	-	10,215	-	14,691
<b>14 Other Sector</b>	6,401	14	58	18,519	-	-	-	69	6,520
<b>14.1 Residential &amp; Commercial</b>	5,400	9	-	5,258	-	-	-	69	1,067
<b>14.2 Agriculture</b>	109	3	11	4,348	-	-	-	-	4,274
<b>14.3 Other</b>	892	1	47	8,913	-	-	-	-	1,180
<b>15 Non-energy</b>	261	372	-	18,652	-	-	-	-	-

Energy Balance Table of Russia in 2005 (Continued)

unit: ktoe

4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	515,726	15,016	38,967	353	6,950	-	-	1,184,697
14	3	-	-	-	6,200	-	-	-	-	872	-	21,942
-41,508	-1,258	-	-	-	-167,386	-	-	-	-	-1,937	-	-553,094
-	-	-	-	-	-	-	-	-	-	-	-	-
1,019	-2	-	-	-	-4,950	-	-	-	-36	-	-	-6,816
-40,474	-1,257	-	-	-	349,591	15,016	38,967	353	6,914	-1,065	-	646,730
-	-	-	-	-	-	-	-	-	-	-	-	-
46,413	10,545	11,901	-	17,101	-205,791	-15,016	-38,967	-353	-4,054	81,965	140,089	-149,377
-5,102	-	-	-	-	-126,942	-14,920	-38,967	-353	-	77,903	52,745	-107,852
-8,060	-108	-1,124	-	-	-76,796	-96	-	-	-4,054	4,063	87,343	-25,811
-	-	-	-	-	-	-	-	-	-	-	-	-
59,575	10,654	13,025	-	17,101	-	-	-	-	-	-	-	-5,619
-	-	-	-	-	-	-	-	-	-	-	-	-8,042
-	-	-	-	-	-2,054	-	-	-	-	-	-	-2,054
-2,901	-19	-8,333	-	-	-15,775	-	-	-	-250	-25,003	-19,828	-76,794
-0	-620	-0	-	-	-0	-0	-	-	0	0	-	-594
3,038	8,649	3,568	-	17,101	128,025	-	-	-	2,611	55,898	120,261	419,965
-629	4,632	3,545	-	8,714	30,112	-	-	-	584	28,369	46,801	139,198
622	393	-	-	-	33,837	-	-	-	-	7,153	-	94,850
448	3,624	23	-	8,387	42,657	-	-	-	2,026	20,376	73,460	164,498
377	3,621	23	-	-	41,693	-	-	-	1,743	18,908	70,214	145,234
53	3	-	-	-	549	-	-	-	283	1,448	3,234	9,849
17	-	-	-	8,387	415	-	-	-	-	19	12	9,415
-	2,597	-	-	7,962	21,419	-	-	-	-	-	-	32,646

Energy Balance Table of Russia in 2004 (Continued)

unit: ktoe

4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	509,217	15,289	37,735	347	7,132	-	-	1,158,277
16	10	-	-	-	5,564	-	-	-	-	1,047	-	23,759
-35,285	-1,126	-	-	-	-161,835	-	-	-	-	-1,703	-	-534,768
-	-	-	-	-	-	-	-	-	-	-	-	-
129	31	-	-	-	-6,362	-	-	-	-89	-	-	-5,937
-35,140	-1,085	-	-	-	346,584	15,289	37,735	347	7,043	-655	-	641,331
-	-	-	-	-	-	-	-	-	-	-	-	-
41,425	9,856	12,465	-	15,818	-206,204	-15,289	-37,735	-347	-4,236	80,140	149,167	-141,055
-5,904	-	-	-	-	-122,481	-15,191	-37,735	-347	-	76,024	58,633	-97,712
-8,668	-43	-1,183	-	-	-77,920	-99	-	-	-4,236	4,117	90,534	-24,956
-	-	-	-	-	-	-	-	-	-	-	-	-
55,997	9,899	13,648	-	15,818	-	-	-	-	-	-	-	-1,705
-	-	-	-	-	-	-	-	-	-	-	-	-10,879
-	-	-	-	-	-5,803	-	-	-	-	-	-	-5,803
-2,851	-6	-7,907	-	-	-15,703	-	-	-	-176	-23,969	-19,111	-75,109
-0	-242	-0	-	-	10	-	0	-	-0	-	0	17
3,434	8,522	4,557	-	15,818	124,687	-	-	-	2,632	55,516	130,056	425,185
-790	4,843	4,557	-	8,453	27,672	-	-	-	725	28,732	47,736	138,318
508	55	-	-	-	34,244	-	-	-	-	6,908	-	95,002
941	3,624	-	-15,818	-393	46,838	-	-	-	1,907	19,876	82,320	175,933
501	3,621	-	-	-	45,434	-	-	-	1,548	18,329	79,221	155,198
71	3	-	-	-	473	-	-	-	119	1,547	3,099	9,710
369	-	-	-15,818	-393	931	-	-	-	241	-	-	11,026
60	2,775	-	-	15,818	15,933	-	-	-	-	-	-	35,219

## Major Energy Indicators of Russia

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	-	-	-	-	-	-	-	762,606	729,290
Indigenous Production	-	-	-	-	-	-	-	1,107,361	1,029,066
Import	-	-	-	-	-	-	-	35,612	31,583
Export	-	-	-	-	-	-	-	-368,249	-325,123
Final Energy Consumption	-	-	-	-	-	-	-	582,985	560,330
Industry	-	-	-	-	-	-	-	127,247	215,156
Transport	-	-	-	-	-	-	-	117,147	99,839
Residential & Commercial	-	-	-	-	-	-	-	90,278	195,842
Agriculture	-	-	-	-	-	-	-	19,166	24,565
<b>Coal, Coal Products</b>									
Primary Energy Supply	-	-	-	-	-	-	-	120,156	116,511
Indigenous Production	-	-	-	-	-	-	-	132,776	118,862
Import	-	-	-	-	-	-	-	15,099	10,973
Export	-	-	-	-	-	-	-	-20,522	-11,991
Transformation Sector	-	-	-	-	-	-	-	-89,555	-84,284
Power Generation	-	-	-	-	-	-	-	-79,221	-76,411
Final Energy Consumption	-	-	-	-	-	-	-	25,917	25,397
Industry	-	-	-	-	-	-	-	13,313	13,250
Transport	-	-	-	-	-	-	-	0	0
Residential & Commercial	-	-	-	-	-	-	-	11,042	6,977
Agriculture	-	-	-	-	-	-	-	356	324
<b>Crude Oil</b>									
Primary Energy Supply	-	-	-	-	-	-	-	262,394	236,274
Indigenous Production	-	-	-	-	-	-	-	398,841	353,254
Import	-	-	-	-	-	-	-	10,748	10,351
Export	-	-	-	-	-	-	-	-143,162	-128,194
Transformation Sector	-	-	-	-	-	-	-	-258,888	-229,768
Petroleum Refineries	-	-	-	-	-	-	-	-258,888	-229,768
<b>Petroleum Products</b>									
Primary Energy Supply	-	-	-	-	-	-	-	-41,274	-35,771
Import	-	-	-	-	-	-	-	1,738	2,814
Export	-	-	-	-	-	-	-	-43,013	-43,064
Transformation Sector	-	-	-	-	-	-	-	192,416	166,410
Power Generation	-	-	-	-	-	-	-	-57,744	-55,555
Petroleum Refineries	-	-	-	-	-	-	-	250,159	221,965
Final Energy Consumption	-	-	-	-	-	-	-	140,078	119,424
Industry	-	-	-	-	-	-	-	24,769	22,424
Transport	-	-	-	-	-	-	-	75,696	60,400
Residential & Commercial	-	-	-	-	-	-	-	8,873	8,575
Agriculture	-	-	-	-	-	-	-	11,583	9,379
<b>Natural Gas</b>									
Primary Energy Supply	-	-	-	-	-	-	-	364,296	355,976
Indigenous Production	-	-	-	-	-	-	-	517,313	499,076
Import	-	-	-	-	-	-	-	5,644	5,321
Export	-	-	-	-	-	-	-	-157,772	-138,142
Transformation Sector	-	-	-	-	-	-	-	-217,355	-213,280
Power Generation	-	-	-	-	-	-	-	-217,355	-213,280
Final Energy Consumption	-	-	-	-	-	-	-	135,924	141,828
Industry	-	-	-	-	-	-	-	52,177	48,217
Transport	-	-	-	-	-	-	-	33,953	32,810
Residential & Commercial	-	-	-	-	-	-	-	48,420	59,367
Agriculture	-	-	-	-	-	-	-	488	576
<b>Electricity</b>									
Power Generation	-	-	-	-	-	-	-	86,883	82,415
Thermal	-	-	-	-	-	-	-	40,929	36,366
Hydro	-	-	-	-	-	-	-	14,778	14,988
Nuclear	-	-	-	-	-	-	-	31,175	31,061
Final Energy Consumption	-	-	-	-	-	-	-	65,047	60,696
Industry	-	-	-	-	-	-	-	36,047	32,373
Transport	-	-	-	-	-	-	-	7,463	6,598
Residential & Commercial	-	-	-	-	-	-	-	15,528	15,774
Agriculture	-	-	-	-	-	-	-	6,009	5,951

## Major Energy Indicators of Russia (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
631,031	614,016	602,991	583,273	570,025	587,145	613,947	604,375	597,382	620,168	641,331	646,730
962,628	940,394	935,745	910,774	918,060	934,328	966,406	977,928	1,015,582	1,086,633	1,158,277	1,184,697
20,868	25,461	21,350	22,309	21,022	15,699	31,550	20,293	20,482	23,184	23,759	21,942
-337,004	-339,830	-354,746	-361,443	-367,309	-365,334	-379,289	-387,648	-431,304	-478,666	-534,768	-553,094
482,304	461,895	417,077	399,922	391,444	405,969	422,916	422,130	407,468	418,375	425,185	419,965
169,832	167,417	143,674	139,629	129,185	135,099	150,377	148,345	151,789	152,289	154,250	160,617
88,308	81,858	78,145	72,091	82,892	83,560	79,956	82,495	74,813	78,914	95,002	94,850
184,032	169,687	157,413	153,991	154,317	159,461	162,465	160,623	151,331	155,169	155,198	145,234
24,597	24,290	18,493	17,053	14,938	14,443	13,734	12,927	10,858	10,546	9,710	9,849
104,985	102,186	105,333	94,405	89,380	93,285	110,815	89,420	88,884	90,400	104,139	103,338
106,016	103,569	100,643	95,870	91,388	99,228	117,020	103,795	98,937	107,020	130,063	138,974
11,045	9,252	7,990	8,167	8,400	6,182	14,034	10,724	7,935	9,635	12,337	12,405
-12,757	-13,132	-11,847	-11,672	-11,745	-13,781	-21,748	-20,093	-20,593	-25,281	-40,198	-45,646
-76,489	-78,497	-84,168	-75,054	-73,071	-74,035	-89,215	-74,286	-44,815	-46,909	-86,745	-84,864
-70,535	-68,681	-74,078	-66,580	-63,391	-63,581	-80,809	-65,829	-63,930	-65,748	-75,865	-76,822
20,484	24,592	20,485	16,311	15,867	16,902	20,780	18,168	43,350	42,836	17,106	17,934
11,830	16,195	14,249	10,404	10,341	10,394	10,561	10,166	37,346	37,941	10,691	12,530
0	0	0	-	-	-	-	-	262	234	-	-
6,540	6,198	5,761	5,548	5,266	6,204	8,783	6,738	4,965	3,862	5,408	5,235
283	268	257	245	231	215	252	193	146	156	113	113
192,670	189,332	182,017	181,829	170,335	175,116	183,850	188,881	194,979	198,658	202,424	216,841
317,347	306,632	300,995	305,405	302,912	304,755	323,300	347,570	379,059	420,675	458,494	468,711
4,852	8,547	6,771	4,024	5,603	4,656	5,921	5,144	6,263	5,766	4,230	2,438
-127,359	-122,948	-127,082	-127,523	-137,922	-135,217	-145,136	-162,920	-189,327	-228,995	-258,912	-253,850
-188,065	-183,189	-176,754	-175,217	-165,584	-171,063	-179,860	-184,934	-191,809	-194,810	-198,273	-213,894
-188,065	-183,189	-176,754	-175,179	-164,529	-170,062	-178,793	-183,888	-190,807	-193,892	-197,358	-213,129
-41,831	-42,125	-49,647	-51,542	-46,098	-47,785	-53,752	-55,780	-69,099	-69,518	-71,575	-83,226
1,324	3,174	2,733	5,885	3,882	817	312	239	9	3	581	27
-44,125	-46,465	-54,382	-57,685	-51,069	-48,515	-53,848	-56,327	-69,958	-69,547	-72,120	-84,276
139,690	140,129	136,461	141,733	129,625	139,992	155,815	160,788	148,327	159,614	178,467	191,508
-45,922	-37,572	-35,687	-29,744	-32,823	-26,324	-22,175	-21,276	-21,432	-20,611	-17,186	-16,002
185,612	177,701	172,148	171,476	162,448	166,316	177,990	182,064	169,759	180,225	195,654	207,510
92,368	89,418	84,000	83,713	75,186	82,957	91,932	93,360	61,736	62,702	94,983	95,167
12,808	10,572	9,890	12,585	9,488	10,740	19,270	16,095	10,268	9,934	22,651	20,788
50,870	46,875	43,993	42,457	46,777	47,602	47,767	50,060	40,432	41,050	53,813	53,842
6,376	5,669	4,808	5,504	3,712	6,174	5,449	5,717	4,672	4,937	5,258	7,409
9,545	10,425	6,999	6,904	5,849	5,881	5,903	5,916	4,340	4,594	4,348	4,214
327,653	316,635	318,319	311,565	310,963	314,562	319,008	325,308	325,658	342,600	346,584	349,591
490,198	480,551	485,522	460,882	477,155	477,233	470,739	468,759	479,544	499,830	509,217	515,726
1,613	2,908	2,794	3,619	2,427	3,326	10,526	3,344	5,832	7,072	5,564	6,200
-148,967	-154,019	-158,695	-162,254	-164,314	-165,885	-156,592	-146,102	-149,871	-152,983	-161,835	-167,386
-201,605	-189,787	-189,056	-185,765	-181,805	-185,293	-185,982	-189,190	-199,686	-206,805	-206,204	-205,791
-201,605	-189,787	-189,056	-185,765	-181,805	-185,293	-185,982	-189,190	-196,529	-201,971	-200,401	-203,738
124,427	118,151	114,093	108,751	111,871	114,576	117,173	117,276	115,747	123,736	124,687	128,025
37,988	39,751	37,697	38,963	35,612	37,642	42,763	43,496	26,758	27,501	43,605	51,531
31,543	29,369	28,559	24,160	30,940	30,735	26,939	27,085	28,279	31,150	34,244	33,837
53,434	47,594	46,424	44,237	43,995	44,797	45,579	45,429	44,511	46,243	45,434	41,693
634	636	639	643	600	645	506	454	482	509	473	549
75,464	74,096	72,989	71,865	71,264	72,951	75,704	77,063	76,331	78,458	80,140	81,965
34,835	32,986	31,303	30,041	30,103	27,312	27,417	26,086	25,301	25,714	27,116	27,983
15,137	15,171	13,274	13,549	13,714	13,878	14,222	15,291	14,120	13,564	15,289	15,016
25,492	25,939	28,413	28,275	27,447	31,761	34,065	35,686	36,909	39,180	37,735	38,967
54,635	53,176	51,701	50,730	49,753	50,965	52,333	53,151	53,168	54,372	55,516	55,898
27,380	27,005	25,293	25,075	24,350	25,460	26,867	27,657	27,489	28,233	28,732	28,369
5,882	5,604	5,584	5,458	5,163	5,213	5,239	5,344	5,833	6,467	6,908	7,153
16,089	16,006	16,634	16,576	16,940	17,342	17,629	17,963	17,894	17,923	18,329	18,908
5,284	4,561	4,189	3,620	3,299	2,950	2,598	2,187	1,952	1,750	1,547	1,448

## Major Economic Indicators of Russia

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	139.01	143.86	145.91	146.86	147.72	148.29	148.62	148.69
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	N.A.	N.A.	N.A.	N.A.	397.84	385.90	366.43	313.18
Real Term (Billions of 2000 Price and 2000 PPP)	N.A.	N.A.	N.A.	N.A.	1,570.09	1,522.99	1,446.13	1,235.99
Nominal (Billions of Current USD)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	N.A.	N.A.	N.A.	N.A.	2,693	2,602	2,465	2,106
Real Term (2000 Price and 2000 PPP)	N.A.	N.A.	N.A.	N.A.	10,629	10,270	9,730	8,313
Nominal (Current USD)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Nominal GDP & its Components (Billions of Current RUR) *1								
Gross Domestic Product	N.A.	N.A.	N.A.	N.A.	0.57	0.64	1.40	19.01
Household Final Consumption Expenditure, etc.	N.A.	N.A.	N.A.	0.29	0.26	0.31	0.66	7.12
General Government Final Consumption Expenditure	N.A.	N.A.	N.A.	0.09	0.12	0.13	0.23	2.63
Gross Fixed Capital Formation	N.A.	N.A.	N.A.	N.A.	0.18	0.18	0.33	4.55
Stock Change	N.A.	N.A.	N.A.	N.A.	0.01	0.01	0.18	2.03
Exports of Goods and Services	N.A.	N.A.	N.A.	N.A.	0.13	0.12	0.19	11.85
Imports of Goods and Services	N.A.	N.A.	N.A.	N.A.	0.12	0.12	0.18	9.17
Real GDP & its Components (Billions of 2000 RUR) *1								
Gross Domestic Product	N.A.	N.A.	N.A.	N.A.	11,190.88	10,855.15	10,307.30	8,809.54
Household Final Consumption Expenditure, etc.	N.A.	N.A.	N.A.	N.A.	N.A.	3,644.80	3,477.14	3,372.82
General Government Final Consumption Expenditure	N.A.	N.A.	N.A.	N.A.	N.A.	1,466.92	1,301.16	1,147.62
Gross Fixed Capital Formation	N.A.	N.A.	N.A.	N.A.	N.A.	6,142.42	5,190.34	3,036.35
Stock Change	N.A.	N.A.	N.A.	N.A.	N.A.	771.03	1,564.10	1,225.70
Exports of Goods and Services	N.A.	N.A.	N.A.	N.A.	N.A.	3,926.52	2,749.50	1,961.04
Imports of Goods and Services	N.A.	N.A.	N.A.	N.A.	N.A.	4,678.68	2,506.96	1,676.56
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	N.A.	N.A.	N.A.	N.A.	N.A.	5.5	5.5	5.9
Industry	N.A.	N.A.	N.A.	N.A.	N.A.	42.6	41.6	38.2
Services, etc.	N.A.	N.A.	N.A.	N.A.	N.A.	37.8	39.1	42.7
Industrial Production Index (2000=100)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Imports, c.i.f.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Balance of Payments (Billions of Current USD) *2								
Trade Balance	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Current Account	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Overall Balance	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Foreign Exchange Rate (RUR/USD) *1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Purchasing Power Parity (RUR/International Dollar) *1	N.A.	N.A.	N.A.	N.A.	0.0005	0.0005	0.0011	0.0178
Price Indices								
GDP Deflator (2000=100) *3	N.A.	N.A.	N.A.	N.A.	0.0	0.0	0.0	0.2
Producer Price Index (2000=100) *3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index (2000=100) *3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0.2
Growth Rate (%)								
Real GDP (*3)	N.A.	N.A.	N.A.	N.A.	N.A.	-3.00	-5.05	-14.53
Population (*3)	0.71	0.78	0.70	0.65	0.59	0.39	0.22	0.04
Price (*2)								
Producer Price Index	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Source

\*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note

: N.A. shows "not available"

: RUR shows Russian Ruble, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Russia (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
148.52	148.34	148.14	147.74	147.30	146.90	146.31	146.30	145.95	145.30	144.60	143.85	143.11
286.03	250.08	239.72	231.09	234.32	221.90	236.11	259.72	272.94	285.89	306.89	328.82	349.86
1,128.85	986.95	946.06	912.00	924.77	875.76	931.80	1,024.98	1,077.18	1,128.27	1,211.18	1,297.70	1,380.75
172.95	278.79	313.33	392.08	404.94	270.95	195.91	259.72	306.62	345.49	431.49	588.83	763.60
1,926	1,686	1,618	1,564	1,591	1,511	1,614	1,775	1,870	1,968	2,122	2,286	2,445
7,601	6,653	6,386	6,173	6,278	5,962	6,369	7,006	7,380	7,765	8,376	9,021	9,648
1,164	1,879	2,115	2,654	2,749	1,844	1,339	1,775	2,101	2,378	2,984	4,093	5,336
171.51	610.75	1,428.50	2,007.80	2,342.50	2,629.60	4,823.20	7,305.60	8,943.60	10,830.50	13,243.20	16,966.40	21,598.00
77.60	310.26	744.10	1,044.50	1,282.40	1,511.20	2,582.50	3,374.30	4,416.90	5,535.50	6,694.10	8,312.90	10,382.70
34.37	116.65	272.50	391.40	493.50	492.60	703.20	1,102.50	1,469.90	1,913.30	2,330.60	2,801.50	3,558.80
34.97	133.21	301.10	401.60	428.50	424.70	693.90	1,232.00	1,689.30	1,938.80	2,432.20	3,106.50	3,926.10
11.35	22.76	62.30	73.60	86.30	-31.20	21.40	133.70	273.80	231.70	322.80	426.00	585.90
65.52	169.53	418.40	523.50	579.30	821.00	2,084.60	3,218.90	3,299.60	3,813.70	4,655.90	5,858.50	7,588.10
52.30	141.67	369.90	438.70	527.70	645.60	1,262.40	1,755.80	2,165.90	2,646.20	3,153.90	3,773.90	4,655.40
8,045.88	7,034.53	6,743.05	6,500.30	6,591.31	6,241.97	6,641.45	7,305.60	7,677.60	8,041.80	8,632.70	9,249.40	9,841.36
3,413.29	3,454.25	3,357.54	3,197.35	3,352.62	3,241.69	3,148.87	3,374.30	3,688.80	3,996.00	4,290.50	4,776.22	5,297.62
1,074.17	1,043.02	1,031.55	1,063.53	1,038.00	1,048.38	1,080.88	1,102.50	1,093.80	1,122.20	1,146.89	1,170.97	1,192.05
2,252.97	1,667.20	1,542.16	1,215.22	1,119.22	980.44	1,043.18	1,232.00	1,358.30	1,395.90	1,574.58	1,752.50	1,936.51
756.04	403.00	304.46	372.87	403.76	-145.84	-263.67	133.70	236.00	156.50	182.74	206.91	246.27
2,002.47	2,254.19	2,514.27	2,607.30	2,594.27	2,643.56	2,939.63	3,218.90	3,354.60	3,698.90	4,161.26	4,652.29	4,945.39
1,506.24	1,569.77	1,901.89	1,926.62	1,934.32	1,597.75	1,326.13	1,755.80	2,084.40	2,388.30	2,811.03	3,429.46	4,022.75
6.2	6.2	6.0	5.9	5.9	5.1	5.6	5.8	6.1	6.0	5.9	5.7	5.4
36.3	33.2	33.1	32.4	32.3	32.3	33.3	33.9	34.1	33.8	34.2	34.1	33.4
45.1	48.9	49.6	51.3	51.6	52.6	50.6	49.7	49.0	49.4	49.2	49.5	50.0
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	67.540	81.095	88.600	88.330	74.884	75.665	105.565	101.884	107.301	135.929	183.207	243.569
N.A.	50.520	60.945	68.830	73.615	58.015	39.537	44.659	53.764	60.966	76.070	97.382	125.303
N.A.	16.928	19.816	21.591	14.913	16.429	36.014	60.172	48.121	46.335	59.860	85.825	118.364
N.A.	7.844	6.965	10.847	-0.080	0.219	24.616	46.839	33.935	29.116	35.410	59.514	84.437
N.A.	-19.113	-8.326	-17.218	-6.518	-21.378	-1.704	13.923	11.266	11.563	28.262	46.890	64.968
0.9917	2.1908	4.5592	5.1208	5.7848	9.7051	24.6199	28.1292	29.1685	31.3485	30.6920	28.8137	28.2844
0.1719	0.6857	1.6396	2.3459	2.6549	3.1125	5.2890	7.1275	8.1075	9.2122	10.2840	11.9824	13.9162
2.1	8.7	21.2	30.9	35.5	42.1	72.6	100.0	116.5	134.7	153.4	183.4	219.5
943.8	337.0	236.5	50.8	15.0	7.0	58.9	46.5	18.2	10.4	16.4	23.3	20.6
1.7	6.9	20.6	30.4	34.9	44.6	82.8	100.0	104.4	140.6	159.9	177.3	199.7
-8.67	-12.57	-4.14	-3.60	1.40	-5.30	6.40	10.00	5.09	4.74	7.35	7.14	6.40
-0.11	-0.12	-0.13	-0.27	-0.29	-0.27	-0.40	0.00	-0.24	-0.45	-0.48	-0.52	-0.51
943.8	337.0	236.5	50.8	15.0	7.0	58.9	46.5	18.2	10.4	16.4	23.3	20.6
874.6	307.6	197.5	47.7	14.8	27.7	85.7	20.8	21.5	15.8	13.7	10.9	12.7

## Original Table (Quarterly) of Russia in 2006

Coal		Unit: 1,000ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	17,991	2,028	5,969	-
	FEB.	18,389	2,343	7,004	-
	MAR.	19,592	2,375	9,665	-
	<b>1st quarter</b>	55,972	6,746	22,637	-
	APR.	19,480	1,927	6,654	-
	MAY.	19,022	2,137	8,379	-
	JUN.	18,759	1,978	6,336	-
	<b>2nd quarter</b>	57,261	6,041	21,369	-
	JUL.	18,823	1,946	6,870	-
	AUG.	19,279	2,151	8,328	-
	SEP.	19,536	2,304	7,119	-
	<b>3rd quarter</b>	57,638	6,401	22,317	-
	OCT.	20,386	1,863	8,528	-
	NOV.	20,745	2,173	8,797	-
	DEC.	21,641	2,489	8,776	-
	<b>4th quarter</b>	62,772	6,525	26,100	-
		233,643	25,714	92,424	-

Oil		Unit: 1,000bbl						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	271,241	1,438	132,910		97	48,217	
	FEB.	245,735	1,340	137,011		131	56,251	
	MAR.	273,807	977	146,657		151	58,599	
	<b>1st quarter</b>	790,783	3,755	416,578		379	163,068	
	APR.	267,206	975	136,322		144	57,600	
	MAY.	276,802	827	150,704		165	69,316	
	JUN.	268,711	653	147,096		169	56,389	
	<b>2nd quarter</b>	812,719	2,455	434,122		478	183,306	
	JUL.	277,786	1,307	132,673		159	60,271	
	AUG.	281,302	1,394	152,756		166	62,102	
	SEP.	270,109	1,685	136,802		154	57,936	
	<b>3rd quarter</b>	829,197	4,386	422,231		479	180,309	
	OCT.	279,035	2,695	141,617		173	58,752	
	NOV.	271,210	402	132,680		156	58,053	
	DEC.	281,391	2,085	142,307		172	60,324	
	<b>4th quarter</b>	831,636	5,182	416,604		500	177,129	
		3,264,335	15,778	1,689,535	-	1,836	703,812	-



Original Table (Quarterly) of Russia in 2006 (Continued)

Natural Gas ( or LNG)		Unit: 1,000CM			
		Production	Imports	Exports	Stock Changes
2006	JAN.	60,810,500	-	20,888,000	-
	FEB.	55,026,500	-	19,228,000	-
	MAR.	58,553,500	-	19,956,000	-
	<b>1st quarter</b>	174,390,500	-	60,072,000	-
	APR.	55,035,600	-	15,600,000	-
	MAY.	54,515,400	-	15,383,000	-
	JUN.	48,928,800	1	15,112,000	-
	<b>2nd quarter</b>	158,479,800	0	46,095,000	-
	JUL.	49,883,100	1	15,314,000	-
	AUG.	50,235,400	-	14,817,000	-
	SEP.	50,699,300	-	14,922,000	-
	<b>3rd quarter</b>	150,817,800	1	45,053,000	-
	OCT.	54,842,800	1	13,191,000	-
	NOV.	57,597,300	1	17,065,000	-
	DEC.	60,162,300	1	21,333,000	-
	<b>4th quarter</b>	172,602,400	3	51,589,000	-
	656,290,500	-	202,809,000	-	

Electricity		Gross Generation					Unit: GWh	
		Total	Thermal	Hydro	Nuclear	Others	Imports	Exports
2006	JAN.	98,762	71,284	13,001	14,440	37	372	2,018
	FEB.	89,813	64,069	11,740	13,965	40	342	1,772
	MAR.	91,217	63,797	12,857	14,520	44	402	1,899
	<b>1st quarter</b>	279,793	199,150	37,598	42,925	120	1,116	5,688
	APR.	80,093	54,839	12,912	12,300	42	460	1,426
	MAY.	74,340	46,261	16,525	11,513	41	559	1,427
	JUN.	67,714	40,073	16,163	11,441	37	347	1,021
	<b>2nd quarter</b>	222,147	141,173	45,600	35,254	121	1,366	3,874
	JUL.	70,452	42,174	16,360	11,880	38	246	1,629
	AUG.	72,636	44,965	15,792	11,843	37	330	2,257
	SEP.	73,682	45,807	14,815	13,039	21	355	1,959
	<b>3rd quarter</b>	216,770	132,946	46,967	36,762	96	931	5,845
	OCT.	85,888	57,474	14,874	13,500	39	323	1,923
	NOV.	90,526	62,180	14,476	13,827	43	681	1,826
	DEC.	96,300	66,494	15,635	14,128	43	810	1,772
	<b>4th quarter</b>	272,713	186,148	44,985	41,455	126	1,814	5,521
	991,424	659,416	175,149	156,395	463	5,227	20,928	

Note: ton=Metric ton.

bb=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.



## 3.17 Singapore

## Energy Balance Table of Singapore in 2005

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
1 Indigenous Production	-	-	-	-	-	-	-	-	-
2 Import	-	1	58,669	54,848	7,525	5,249	2,531	480	4,267
3 Export	-	-	-	-63,343	-10,916	-2,922	-9,439	-1,450	-16,983
4 International Marine Bunkers	-	-	-	-28,096	-	-	-	-	-
5 Stock Changes	-	-	-	-	-	-	-	-	-
6 Total Primary Energy Supply	-	1	58,669	-36,591	-3,391	2,326	-6,907	-970	-12,716
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-	-1	-58,669	49,045	4,386	4,310	10,194	1,046	13,161
8.1 Main Activity Producer	-	-	-	-1,724	-	-	-	-	-85
8.2 Autoproducers	-	-	-	-	-	-	-	-	-
8.3 Gas Processing	-	-1	-	-128	-	-128	-	-	-
8.4 Petroleum Refineries	-	-	-58,669	50,898	4,386	4,438	10,194	1,046	13,246
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-766	-	-	-	-	-
10. Discrepancy	-	-	-	-0	-0	0	-0	0	-0
11 Total Final Energy Consumption	-	-	-	11,688	995	6,636	3,287	77	445
12 Industry Sector	-	-	-	6,713	-	6,636	-	77	-
13 Transport Sector	-	-	-	4,726	995	-	3,287	-	445
14 Other Sector	-	-	-	250	-	-	-	-	-
14.1 Residential & Commercial	-	-	-	-	-	-	-	-	-
14.2 Agriculture	-	-	-	-	-	-	-	-	-
14.3 Other	-	-	-	250	-	-	-	-	-
15 Non-energy	-	-	-	250	-	-	-	-	-

Note: Above Energy Balance Table were estimated by CA.

## Energy Balance Table of Singapore in 2004

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
1 Indigenous Production	-	-	-	-	-	-	-	-	-
2 Import	1	6	45,085	47,989	1,668	4,543	2,589	495	6,084
3 Export	-	-	-	-54,506	-8,547	-2,479	-7,691	-1,220	-16,643
4 International Marine Bunkers	-	-	-	-20,506	-	-	-	-	-
5 Stock Changes	-	-	-	-	-	-	-	-	-
6 Total Primary Energy Supply	1	6	45,085	-27,023	-6,879	2,064	-5,102	-725	-10,559
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-	-6	-45,085	37,905	7,811	3,419	8,178	801	11,004
8.1 Main Activity Producer	-	-	-	-2,426	-	-	-	-	-19
8.2 Autoproducers	-	-	-	-	-	-	-	-	-
8.3 Gas Processing	-	-6	-	-128	-	-128	-	-	-
8.4 Petroleum Refineries	-	-	-45,085	40,459	7,811	3,547	8,178	801	11,023
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-620	-	-	-	-	-
10. Discrepancy	-1	-	-	-0	-0	0	-0	-0	-0
11 Total Final Energy Consumption	-	-	-	10,261	932	5,483	3,076	77	445
12 Industry Sector	-	-	-	5,559	-	5,483	-	77	-
13 Transport Sector	-	-	-	4,453	932	-	3,076	-	445
14 Other Sector	-	-	-	250	-	-	-	-	-
14.1 Residential & Commercial	-	-	-	-	-	-	-	-	-
14.2 Agriculture	-	-	-	-	-	-	-	-	-
14.3 Other	-	-	-	250	-	-	-	-	-
15 Non-energy	-	-	-	250	-	-	-	-	-

Note: Above Energy Balance Table were estimated by CA.

Energy Balance Table of Singapore in 2005 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	-	-	-	-	-	-	-	-	
34,372	2	-	-	423	5,234	-	-	-	-	-	-	118,753	
-18,624	-741	-	-	-2,269	-	-	-	-	-	-	-	-63,343	
-28,096	-	-	-	-	-	-	-	-	-	-	-	-28,096	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-12,348	-739	-	-	-1,846	5,234	-	-	-	-	-	-	27,314	
-	-	-	-	-	-	-	-	-	-	-	-	-	
12,348	739	766	-	2,096	-5,138	-	-	-	-	3,197	-	-11,567	
-1,639	-	-	-	-	-5,234	-	-	-	-	3,197	-	-3,761	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	96	-	-	-	-	-	-	-34	
13,987	739	766	-	2,096	-	-	-	-	-	-	-	-7,772	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-766	-	-	-	-	-	-	-	-289	-	-1,055	
-0	-0	-	-	0	-0	-	-	-	-	52	-	52	
-	-	-	-	250	96	-	-	-	-	2,960	-	14,744	
-	-	-	-	-	55	-	-	-	-	1,290	-	8,058	
-	-	-	-	-	-	-	-	-	-	-	-	4,726	
-	-	-	-250	250	41	-	-	-	-	1,670	-	1,960	
-	-	-	-	-	41	-	-	-	-	1,666	-	1,707	
-	-	-	-	-	-	-	-	-	-	4	-	4	
-	-	-	-250	250	-	-	-	-	-	-	-	250	
-	-	-	-	250	-	-	-	-	-	-	-	250	

Energy Balance Table of Singapore in 2004 (Continued)

												unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12	
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total	
-	-	-	-	-	-	-	-	-	-	-	-	-	
32,308	6	-	-	296	4,662	-	-	-	-	-	-	97,742	
-15,188	-819	-	-	-1,919	-	-	-	-	-	-	-	-54,506	
-20,506	-	-	-	-	-	-	-	-	-	-	-	-20,506	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-3,386	-813	-	-	-1,623	4,662	-	-	-	-	-	-	22,730	
-	-	-	-	-	-	-	-	-	-	-	-	-	
3,386	813	620	-	1,873	-4,568	-	-	-	-	3,083	-	-8,671	
-2,286	-	-	-	-121	-4,662	-	-	-	-	3,083	-	-4,005	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	94	-	-	-	-	-	-	-40	
5,672	813	620	-	1,994	-	-	-	-	-	-	-	-4,626	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-620	-	-	-	-	-	-	-	-230	-	-850	
-0	0	-	-	0	-0	-	-	-	-	-	-	-1	
-	-	-	-	250	94	-	-	-	-	2,853	-	13,208	
-	-	-	-	-	54	-	-	-	-	1,242	-	6,855	
-	-	-	-	-	-	-	-	-	-	28	-	4,480	
-	-	-	-250	250	40	-	-	-	-	1,583	-	1,872	
-	-	-	-	-	40	-	-	-	-	1,579	-	1,619	
-	-	-	-	-	-	-	-	-	-	3	-	3	
-	-	-	-250	250	-	-	-	-	-	-	-	250	
-	-	-	-	250	-	-	-	-	-	-	-	250	

## Major Energy Indicators of Singapore

	1990	1995	1997	1998	1999	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	1,976	8,774	8,670	11,188	7,216	9,896	11,865	14,934	16,447
Indigenous Production	2	3	16	17	17	19	19	34	54
Import	29,359	38,352	44,786	53,216	52,996	59,503	63,860	70,000	76,745
Export	-22,640	-24,836	-28,023	-32,450	-33,324	-36,556	-37,518	-38,471	-43,724
Final Energy Consumption	2,070	3,356	4,084	4,402	4,629	5,322	5,387	5,507	6,299
Industry	343	1,025	1,423	1,511	1,623	1,907	1,835	1,776	1,961
Transport	1,346	1,715	1,987	2,115	2,190	2,368	2,485	2,653	3,188
Residential & Commercial	294	434	514	647	681	763	798	849	917
Agriculture	-	-	-	-	-	-	2	2	2
<b>Coal, Coal Products</b>									
Primary Energy Supply	-	-	-	-	-	-	-116	-55	-40
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	-	-	-	-	-	-	17	21	27
Export	-	-	-	-	-	-	-132	-76	-67
Transformation Sector	-	-	-	-	-	-	-	-	-
Power Generation	-	-	-	-	-	-	-	-	-
Final Energy Consumption	-	-	-	-	-	-	-	-	-
Industry	-	-	-	-	-	-	-	-	-
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	24,182	28,389	29,965	31,824	35,559	41,286	45,827	47,303	53,540
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	24,255	28,472	30,060	33,251	35,559	41,286	45,827	47,303	53,540
Export	-73	-82	-95	-1,428	-0	-0	-0	-	-
Transformation Sector	-28,138	-32,515	-34,876	-35,713	-40,081	-43,571	-47,982	-47,303	-53,540
Petroleum Refineries	-28,138	-32,515	-34,876	-35,713	-40,081	-43,571	-47,982	-47,303	-53,540
<b>Petroleum Products</b>									
Primary Energy Supply	-22,200	-19,615	-21,312	-20,652	-28,360	-31,409	-33,866	-32,702	-38,055
Import	5,104	9,880	14,727	19,964	17,437	18,217	18,016	22,322	22,231
Export	-22,559	-24,750	-27,929	-31,022	-33,324	-36,555	-37,385	-38,395	-43,657
Transformation Sector	23,042	26,437	27,926	28,426	32,018	34,743	37,326	36,662	41,939
Power Generation	-1,575	-2,021	-2,597	-2,827	-3,060	-3,388	-3,821	-3,450	-3,041
Petroleum Refineries	24,670	28,508	30,578	31,311	35,141	38,201	41,226	40,196	45,072
Final Energy Consumption	1,506	2,559	3,128	3,347	3,489	4,046	4,022	4,071	4,742
Industry	73	663	985	1,015	1,076	1,296	1,186	1,108	1,242
Transport	1,346	1,715	1,984	2,106	2,179	2,352	2,469	2,637	3,172
Residential & Commercial	-	-	-	96	100	115	101	99	102
Agriculture	-	-	-	-	-	-	-	-	-
<b>Natural Gas</b>									
Primary Energy Supply	-	-	-	-	-	-	-	353	948
Indigenous Production	-	-	-	-	-	-	-	-	-
Import	-	-	-	-	-	-	-	353	948
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	43	40	43	47	50	56	68	-288	-869
Power Generation	-	-	-	-	-	-	-	-353	-948
Final Energy Consumption	38	38	42	47	49	55	67	65	78
Industry	16	16	22	25	27	32	40	40	49
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	22	21	20	21	22	23	27	25	29
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	599	853	1,016	1,119	1,207	1,343	1,427	1,520	1,646
Thermal	599	853	1,016	1,119	1,207	1,343	1,427	1,520	1,646
Hydro	-	-	-	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	525	758	913	1,009	1,091	1,221	1,298	1,372	1,479
Industry	253	346	417	471	521	580	609	628	670
Transport	-	-	3	9	11	16	16	16	16
Residential & Commercial	272	413	494	529	559	625	671	726	786
Agriculture	-	-	-	-	-	-	2	2	2

Major Energy Indicators of Singapore (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
11,898	15,203	20,519	23,296	20,160	20,915	20,573	21,797	22,014	20,035	22,730	27,314
53	50	55	61	64	63	96	104	147	123	-	-
78,056	79,202	86,409	88,170	86,083	85,115	79,888	84,928	87,727	89,947	97,742	118,753
-48,226	-47,342	-49,089	-46,673	-46,752	-45,158	-39,545	-41,279	-43,091	-45,508	-54,506	-63,343
6,967	7,477	8,037	8,733	9,251	9,321	9,367	9,750	11,270	11,501	13,208	14,744
2,120	2,589	2,907	3,563	4,115	3,922	3,514	3,914	5,229	5,409	6,855	8,058
3,715	3,680	3,815	3,732	3,585	3,796	4,159	4,079	4,196	4,251	4,480	4,726
895	980	1,063	1,186	1,298	1,350	1,441	1,504	1,592	1,588	1,619	1,707
2	2	2	2	3	3	3	3	3	3	3	4
3	0	-2	1	-0	0	0	0	7	8	6	1
-	-	-	-	-	-	-	-	-	-	-	-
27	17	8	6	3	1	0	1	7	9	6	1
-24	-16	-11	-6	-3	-0	-0	-0	-0	-0	-	-
-	-	-	-	-	-	-	-	-	-	-6	-1
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
51,769	51,984	56,149	56,300	52,651	45,046	41,585	41,508	41,365	40,082	45,085	58,669
-	-	-	-	-	-	-	-	-	-	-	-
51,830	52,046	56,149	56,301	52,651	45,046	41,585	41,508	41,365	40,082	45,085	58,669
-61	-62	-	-2	-	-	-	-	-	-	-	-
-51,769	-51,984	-56,149	-56,300	-52,651	-45,046	-41,585	-41,508	-41,365	-40,082	-45,085	-58,669
-51,769	-51,984	-56,149	-56,300	-52,651	-45,046	-41,585	-41,508	-41,365	-40,082	-45,085	-58,669
-41,055	-38,007	-36,732	-34,100	-33,686	-25,294	-22,187	-21,326	-21,831	-23,464	-27,023	-36,591
25,070	25,964	29,204	30,828	32,297	38,968	37,225	41,909	44,029	46,571	47,989	54,848
-48,141	-47,264	-49,079	-46,665	-46,749	-45,158	-39,544	-41,278	-43,091	-45,507	-54,506	-63,343
42,902	40,958	43,593	41,385	41,351	32,816	29,550	33,598	33,767	35,147	37,905	49,045
-3,170	-3,460	-3,952	-4,326	-4,638	-5,256	-5,688	-5,097	-4,036	-2,803	-2,426	-1,724
46,169	44,518	47,652	45,829	46,111	38,197	35,367	38,827	37,933	38,079	40,459	50,898
5,260	5,653	6,064	6,521	6,910	6,880	6,757	7,098	8,489	8,644	10,261	11,688
1,335	1,763	2,019	2,561	3,097	2,857	2,372	2,795	4,071	4,170	5,559	6,713
3,698	3,663	3,795	3,711	3,563	3,773	4,135	4,053	4,169	4,224	4,453	4,726
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1,129	1,176	1,049	1,034	1,132	1,100	1,078	1,511	2,326	3,285	4,662	5,234
-	-	-	-	-	-	-	-	-	-	-	-
1,129	1,176	1,049	1,034	1,132	1,100	1,078	1,511	2,326	3,285	4,662	5,234
-	-	-	-	-	-	-	-0	-0	-	-	-
-1,045	-1,090	-957	-940	-1,032	-820	-836	-1,403	-2,200	-3,180	-4,568	-5,138
-1,129	-1,176	-1,049	-1,034	-1,132	-922	-942	-1,511	-2,306	-3,285	-4,662	-5,234
81	84	89	94	98	101	105	106	107	106	94	96
52	53	57	61	62	63	66	66	63	60	54	55
-	-	-	-	-	-	-	-	-	-	-	-
30	30	32	33	36	38	39	40	44	46	40	41
-	-	-	-	-	-	-	-	-	-	-	-
1,793	1,913	2,073	2,313	2,432	2,539	2,723	2,846	2,981	3,038	3,083	3,197
1,793	1,913	2,073	2,313	2,432	2,539	2,723	2,846	2,981	3,038	3,083	3,197
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1,626	1,741	1,884	2,118	2,243	2,340	2,505	2,545	2,674	2,751	2,853	2,960
733	772	831	941	956	1,002	1,076	1,053	1,095	1,179	1,242	1,290
17	17	20	21	22	23	25	26	27	27	28	-
866	949	1,031	1,153	1,262	1,312	1,401	1,464	1,548	1,542	1,579	1,666
2	2	2	2	3	3	3	3	3	3	3	4

## Major Economic Indicators of Singapore

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	2.41	2.74	2.78	2.85	2.93	3.05	3.14	3.23
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	21.86	29.77	33.39	37.22	40.95	44.71	47.64	50.66
Real Term (Billions of 2000 Price and 2000 PPP)	22.32	30.40	34.09	38.00	41.81	45.65	48.65	51.73
Nominal (Billions of Current USD)	11.73	17.74	20.57	25.42	30.12	36.84	43.17	49.71
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	9,056	10,883	12,032	13,076	13,970	14,674	15,192	15,675
Real Term (2000 Price and 2000 PPP)	9,246	11,112	12,285	13,352	14,264	14,983	15,512	16,005
Nominal (Current USD)	4,859	6,485	7,413	8,932	10,275	12,091	13,764	15,382
Nominal GDP & its Components (Billions of Current SGD) *1								
Gross Domestic Product	25.12	39.04	43.32	51.16	58.74	66.78	74.57	80.98
Household Final Consumption Expenditure, etc.	12.91	17.55	20.70	24.39	27.66	30.90	33.52	36.45
General Government Final Consumption Expenditure	2.45	5.54	5.31	5.32	6.00	6.76	7.33	7.44
Gross Fixed Capital Formation	10.23	16.55	14.56	15.91	19.22	22.00	25.58	29.27
Stock Change	1.42	0.13	1.89	1.66	1.46	2.77	0.66	0.27
Exports of Goods and Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Imports of Goods and Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Real GDP & its Components (Billions of 1995 SGD) *1								
Gross Domestic Product	37.69	51.33	57.56	64.16	70.59	77.08	82.13	87.34
Household Final Consumption Expenditure, etc.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
General Government Final Consumption Expenditure	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Gross Fixed Capital Formation	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Stock Change	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Exports of Goods and Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Imports of Goods and Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	1.0	0.8	0.6	0.4	0.4	0.3	0.3	0.3
Industry	35.3	32.6	32.0	32.7	32.2	32.3	32.5	32.0
Services, etc.	55.6	58.7	59.5	58.9	59.2	59.2	59.4	59.8
Manufacturing Production Index (2000=100) *2	24.4	26.1	33.3	39.4	43.4	47.7	50.2	51.5
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	19.376	22.812	28.687	39.306	44.665	52.730	58.966	63.472
Imports, c.i.f.	24.007	26.285	32.559	43.864	49.667	60.774	66.095	72.171
Balance of Payments (Billions of Current USD) *2								
Trade Balance	-0.159	-0.005	0.027	-0.030	-0.018	0.008	0.011	0.011
Current Account	-0.165	0.003	-0.030	-0.003	-0.060	-0.069	0.015	-0.005
Overall Balance	-0.076	-0.074	-0.053	-0.072	-0.048	-0.021	-0.015	0.016
Foreign Exchange Rate (SGD/USD) *1	2.1412	2.2001	2.1060	2.0124	1.9503	1.8125	1.7276	1.6290
Purchasing Power Parity (SGD/International Dollar) *1	2.0840	1.8431	1.7364	1.7786	1.7881	1.7924	1.8150	1.8119
Price Indices								
GDP Deflator (1995=100) *3	66.6	76.0	75.3	79.7	83.2	86.6	90.8	92.7
Wholesale Price Index (2000=100) *2	121.9	113.5	103.6	101.7	104.3	106.1	101.8	97.3
Consumer Price Index (2000=100) *2	67.4	79.1	78.4	79.6	81.5	84.3	87.2	89.2
Growth Rate (%) *3								
Real GDP	9.70	-1.44	9.82	11.46	10.03	9.20	6.55	6.34
Population	1.26	0.15	1.54	2.56	2.99	3.96	2.92	3.06
Price								
Wholesale Price Index	19.6	-2.2	7.5	-1.8	2.6	1.7	-4.1	-4.4
Consumer Price Index	8.5	0.5	0.5	1.5	2.3	3.5	3.4	2.3

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: SGD shows Singapore Dollar, USD shows United States Dollar

: PPP shows Purchasing Power Parity



Major Economic Indicators of Singapore (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
3.32	3.42	3.53	3.67	3.79	3.92	3.95	4.02	4.13	4.17	4.19	4.24	4.34
56.61	63.15	68.30	73.61	79.74	78.62	84.26	92.72	90.60	94.26	97.03	105.48	112.21
57.80	64.48	69.74	75.16	81.42	80.27	86.04	94.67	92.51	96.25	99.07	107.71	114.58
58.16	70.68	84.29	92.55	95.87	82.40	82.61	92.72	85.61	88.47	92.73	107.50	116.77
17,076	18,461	19,370	20,057	21,017	20,040	21,322	23,077	21,931	22,598	23,183	24,877	25,845
17,435	18,849	19,778	20,480	21,460	20,462	21,771	23,563	22,393	23,074	23,672	25,401	26,390
17,544	20,660	23,905	25,219	25,268	21,004	20,904	23,077	20,723	21,209	22,156	25,353	26,895
93.97	107.96	119.47	130.50	142.34	137.90	140.02	159.84	153.39	158.41	161.55	181.70	194.36
42.49	48.13	50.49	54.31	58.40	55.15	59.05	67.53	70.54	73.82	74.31	79.17	81.53
8.69	8.98	10.10	12.17	13.13	13.82	13.94	17.34	18.58	19.45	19.11	19.36	20.69
33.36	36.79	40.33	50.02	55.48	52.20	47.81	48.90	45.94	40.33	38.90	43.20	42.38
2.50	-0.50	0.87	-3.85	-0.39	-9.36	-2.75	4.32	-5.37	-2.74	-13.70	-7.91	-6.28
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	293.84	304.67	344.86	418.67	472.35
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	270.66	277.93	299.39	368.52	414.09
97.59	108.87	117.75	126.90	137.47	135.53	145.27	159.84	156.19	162.51	167.27	181.85	193.45
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	74.14	74.80	79.20	81.15
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	19.37	19.20	18.99	20.23
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	41.65	40.29	44.39	43.54
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	-2.38	-13.84	-8.77	-7.60
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31.3	32.0	32.4	32.0	31.6	32.2	32.4	33.0	30.7	30.7	30.1	30.6	31.0
60.4	60.0	59.7	60.3	60.8	60.7	60.5	59.9	62.2	62.5	62.8	62.3	62.1
56.7	64.1	70.7	73.0	76.4	76.1	86.7	100.0	88.4	95.9	98.6	112.3	122.9
74.012	96.825	118.268	125.014	124.985	109.895	114.680	137.804	121.751	125.177	159.902	198.637	229.649
85.234	102.670	124.507	131.338	132.437	101.732	111.060	134.545	116.000	116.441	136.218	173.585	200.047
-0.069	-0.073	-0.127	-0.180	-0.056	-0.057	-0.081	-0.124	-0.136	-0.195	-0.200	-0.120	-0.177
-0.058	-0.089	-0.118	-0.151	-0.055	-0.033	-0.099	-0.112	-0.098	-0.125	-0.099	-0.141	-0.169
0.008	-0.059	0.001	-0.022	0.020	0.002	-0.016	0.010	0.030	-0.114	-0.100	-0.100	-0.130
1.6158	1.5274	1.4174	1.4100	1.4848	1.6736	1.6950	1.7240	1.7917	1.7906	1.7422	1.6902	1.6644
1.8395	1.8550	1.8602	1.8502	1.8323	1.7807	1.6629	1.6884	1.6192	1.5795	1.5337	1.5462	1.5091
96.3	99.2	101.5	102.8	103.5	101.7	96.4	100.0	98.2	97.5	96.6	99.9	100.5
93.1	92.7	92.7	92.8	91.8	89.0	90.8	100.0	98.4	97.0	98.9	104.0	114.0
91.2	94.0	95.6	97.0	98.9	98.6	98.7	100.0	104.4	100.6	101.1	102.8	103.3
11.73	11.57	8.15	7.78	8.33	-1.41	7.18	10.03	-2.28	4.04	2.93	8.72	6.38
2.57	3.20	3.07	4.08	3.38	3.40	0.74	1.66	2.82	0.97	0.33	1.32	2.39
-4.4	-0.4	0.0	0.1	-1.2	-3.0	2.1	10.1	-1.6	-1.5	2.0	5.1	9.7
2.3	3.1	1.7	1.4	2.0	-0.3	0.0	1.4	1.0	-0.4	0.5	1.7	0.5



## 3.18 Chinese Taipei

Energy Balance Table of Chinese Taipei in 2005

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
1 Indigenous Production	-	-	29	-	-	-	-	-	-
2 Import	39,704	12	54,576	7,864	39	5,614	-	-	-
3 Export	-	-	-	-15,590	-3,753	-	-1,657	-	-7,783
4 International Marine Bunkers	-	-	-	-2,437	-	-	-	-	-275
5 Stock Changes	-463	-68	-302	204	152	56	-35	17	8
6 Total Primary Energy Supply	39,240	-57	54,303	-9,960	-3,561	5,670	-1,692	17	-8,049
7 Transfers	-	-	-	2,193	5,686	-4,589	-	-	43
8 Total Transformation Sector	-32,213	1,996	-54,431	50,566	6,062	10,303	4,137	-	13,426
8.1 Main Activity Producer	-21,458	-	-	-2,447	-	-	-	-	-141
8.2 Autoproducers	-6,587	-540	-	-1,435	-	-	-	-	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-54,431	54,448	6,062	10,303	4,137	-	13,567
8.5 Coal Transformation	-4,167	2,535	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-2,734	-4	-	-0	-0	-33
10. Discrepancy	-2,209	-51	128	-1,329	64	690	-187	-0	-75
11 Total Final Energy Consumption	4,818	1,888	-	38,737	8,247	12,075	2,258	16	5,312
12 Industry Sector	4,818	1,888	-	19,394	8	12,075	1	7	141
13 Transport Sector	-	-	-	14,586	8,191	-	2,242	0	3,915
14 Other Sector	-	-	-	4,757	48	-	14	10	1,257
14.1 Residential & Commercial	-	-	-	2,316	47	-	14	10	396
14.2 Agriculture	-	-	-	4	0	-	-	-	1
14.3 Other	-	-	-	2,436	-	-	-	-	859
15 Non-energy	60	-	-	1,557	-	-	-	-	-

Energy Balance Table of Chinese Taipei in 2004

	1 Coal	2 Coal Products	3 Crude Petroleum Oil & NGL	4 Petroleum Products	4.1 Mogas	4.2 Naphtha	4.3 Jet Fuel	4.4 Kerosene	4.5 Diesel Oil
1 Indigenous Production	-	-	40	-	-	-	-	-	-
2 Import	37,778	16	52,601	9,258	96	6,913	-	-	-
3 Export	-	-	-	-13,040	-3,478	-7	-893	-	-5,930
4 International Marine Bunkers	-	-	-	-2,305	-	-	-	-	-193
5 Stock Changes	-1,288	-53	-269	-643	-111	-190	-75	15	-174
6 Total Primary Energy Supply	36,490	-37	52,372	-6,730	-3,493	6,716	-968	15	-6,297
7 Transfers	-	-	-	-353	4,692	-3,944	-	-	-229
8 Total Transformation Sector	-30,652	1,944	-52,282	48,054	6,555	9,976	2,974	212	11,488
8.1 Main Activity Producer	-19,843	-	-	-2,465	-	-	-	-	-81
8.2 Autoproducers	-6,501	-640	-	-1,241	-	-	-	-	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-52,282	51,760	6,555	9,976	2,974	212	11,570
8.5 Coal Transformation	-4,308	2,583	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-	-	-	-	-	-
9. Loss & Own Use	-	-	-	-2,440	-4	-	-	-0	-28
10. Discrepancy	-930	19	-90	473	4	621	135	-209	141
11 Total Final Energy Consumption	4,908	1,925	-	39,004	7,754	13,368	2,142	18	5,075
12 Industry Sector	4,908	1,925	-	20,611	7	13,368	0	7	132
13 Transport Sector	-	-	-	13,676	7,694	-	2,132	0	3,643
14 Other Sector	-	-	-	4,717	52	-	10	11	1,300
14.1 Residential & Commercial	-	-	-	2,285	52	-	10	11	359
14.2 Agriculture	-	-	-	4	0	-	-	-	1
14.3 Other	-	-	-	2,427	-	-	-	-	940
15 Non-energy	22	-	-	1,464	-	-	-	-	-

Energy Balance Table of Chinese Taipei in 2005 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	487	680	10,417	96	1,443	-	-	13,152		
126	1,087	-	-	998	9,842	-	-	-	-	-	-	111,997		
-448	-437	-	-	-1,513	-	-	-	-	-	-	-	-15,590		
-2,157	-	-	-	-5	-	-	-	-	-	-	-	-2,437		
-41	47	-	-	-	147	-	-	-	-	-	-	-483		
-2,520	697	-	-	-520	10,476	680	10,417	96	1,443	-	-	106,638		
1,053	-	-	-	-	-	-	-	-	-	-	-	2,193		
8,930	1,948	1,462	-	4,297	-8,113	-680	-10,417	-8	-1,443	19,561	-	-35,182		
-2,306	-	-	-	-	-7,340	-680	-10,417	-7	-	16,100	-	-26,249		
-879	-	-44	-	-512	-178	-	-	-1	-1,443	3,461	-	-6,724		
-	-	-	-	-	-595	-	-	-	-	-	-	-595		
12,115	1,948	1,507	-	4,809	-	-	-	-	-	-	-	17		
-	-	-	-	-	-	-	-	-	-	-	-	-1,632		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-874	-361	-1,462	-	-	-321	-	-	-	-	-2,070	-	-5,125		
-1,610	-139	0	-	-72	-56	-	-	-	-	-757	-	-4,273		
4,979	2,145	-	-	3,705	1,986	-	-	88	-	16,734	-	64,251		
4,329	685	-	-	2,148	862	-	-	-	-	8,911	-	35,873		
199	39	-	-	-	-	-	-	-	-	115	-	14,701		
451	1,421	-	-1,557	1,557	1,124	-	-	88	-	7,709	-	13,677		
428	1,421	-	-	-	1,124	-	-	88	-	7,494	-	11,023		
3	0	-	-	-	-	-	-	-	-	122	-	127		
20	-	-	-1,557	1,557	-	-	-	-	-	92	-	2,528		
-	-	-	-	1,557	-	-	-	-	-	-	-	1,617		

Energy Balance Table of Chinese Taipei in 2004 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	695	564	10,291	85	1,412	-	-	13,087		
327	1,046	-	-	876	9,447	-	-	-	-	-	-	109,100		
-998	-439	-	-	-1,295	-	-	-	-	-	-	-	-13,040		
-2,108	-	-	-	-4	-	-	-	-	-	-	-	-2,305		
-85	-23	-	-	-	-273	-	-	-	-	-	-	-2,527		
-2,863	583	-	-	-423	9,869	564	10,291	85	1,412	-	-	104,316		
-873	-	-	-	-	-	-	-	-	-	-	-	-353		
9,512	1,750	1,444	-	4,142	-7,529	-564	-10,291	-2	-1,412	18,782	-	-33,953		
-2,384	-	-	-	-	-6,807	-564	-10,291	-1	-	15,301	-	-24,670		
-856	-	-41	-	-344	-169	-	-	-1	-1,412	3,481	-	-6,482		
-	-	-	-	-	-554	-	-	-	-	-	-	-554		
12,752	1,750	1,484	-	4,487	-	-	-	-	-	-	-	-522		
-	-	-	-	-	-	-	-	-	-	-	-	-1,724		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-765	-198	-1,444	-	-	-284	-	-	-0	-	-1,993	-	-4,716		
-48	-26	0	-	-144	-164	-	-	-0	-	-705	-	-1,398		
4,963	2,109	-	-	3,575	1,891	-	-	83	-	16,084	-	63,896		
4,311	675	-	-	2,110	854	-	-	-	-	8,684	-	36,982		
180	26	-	-	-	-	-	-	-	-	113	-	13,789		
471	1,408	-	-1,464	1,464	1,037	-	-	83	-	7,287	-	13,125		
446	1,408	-	-	-	1,037	-	-	83	-	7,071	-	10,478		
3	0	-	-	-	-	-	-	-	-	122	-	126		
23	-	-	-1,464	1,464	-	-	-	-	-	94	-	2,522		
-	-	-	-	1,464	-	-	-	-	-	-	-	1,487		

## Major Energy Indicators of Chinese Taipei

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	25,092	32,573	37,525	40,934	43,581	45,989	49,770	51,280	55,579
Indigenous Production	5,654	10,340	11,235	10,475	9,646	10,748	10,792	10,482	10,443
Import	20,642	23,922	28,621	34,043	35,874	39,723	39,608	44,142	48,141
Export	-297	-1,562	-898	-678	-1,094	-335	-408	-1,234	-918
Final Energy Consumption	16,997	21,305	25,688	28,323	28,998	29,814	31,045	32,427	35,472
Industry	9,922	12,180	14,953	16,464	15,808	15,667	16,365	17,204	18,377
Transport	3,320	4,287	5,245	5,925	6,627	7,248	7,650	7,981	9,329
Residential & Commercial	2,567	3,478	4,036	4,392	4,776	4,992	5,374	5,558	5,996
Agriculture	764	896	957	980	960	1,033	971	956	975
<b>Coal, Coal Products</b>									
Primary Energy Supply	1,571	6,734	9,013	10,379	10,960	10,562	11,519	13,431	15,139
Indigenous Production	1,516	1,094	883	722	462	278	237	197	193
Import	37	6,251	8,666	10,795	10,390	11,389	11,363	13,588	15,583
Export	-5	-5	-8	-1	-2	-0	-	-	-
Transformation Sector	-785	-2,980	-4,782	-4,724	-5,131	-4,641	-5,192	-6,627	-7,720
Power Generation	-1,489	-3,308	-5,140	-5,237	-5,610	-5,145	-5,750	-7,188	-8,363
Final Energy Consumption	1,799	3,724	4,210	5,622	5,804	5,903	6,313	6,795	7,416
Industry	1,712	3,659	4,170	5,603	5,794	5,897	6,306	6,794	7,414
Transport	3	0	-	-	-	-	-	-	-
Residential & Commercial	75	60	38	19	10	6	7	2	2
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	17,839	17,107	17,061	18,064	21,002	20,512	22,438	22,265	24,744
Indigenous Production	181	101	127	120	116	156	94	62	56
Import	17,605	16,106	17,299	18,241	20,631	21,105	20,805	22,672	24,487
Export	-	-	-	-	-	-	-	-	-0
Transformation Sector	-17,839	-17,107	-17,061	-18,064	-21,002	-20,512	-22,438	-22,265	-24,744
Petroleum Refineries	-17,839	-17,107	-17,061	-18,064	-21,002	-20,512	-22,438	-22,265	-24,744
<b>Petroleum Products</b>									
Primary Energy Supply	1,725	-413	1,226	2,858	2,545	3,918	3,645	3,366	3,571
Import	3,001	1,565	2,655	5,007	4,854	6,467	5,595	5,956	6,001
Export	-292	-1,557	-890	-676	-1,092	-335	-408	-1,234	-918
Transformation Sector	10,661	15,019	16,375	15,222	15,619	14,359	14,219	14,858	16,621
Power Generation	-5,217	-1,125	-1,367	-3,405	-4,773	-4,825	-5,604	-4,701	-5,459
Petroleum Refineries	15,878	16,143	17,742	18,627	20,392	19,184	19,823	19,559	22,080
Final Energy Consumption	10,688	12,640	15,631	16,210	16,355	16,618	16,655	17,063	18,831
Industry	5,049	5,595	7,372	7,148	6,209	5,803	5,717	5,841	6,197
Transport	3,290	4,255	5,214	5,894	6,594	7,210	7,613	7,944	9,290
Residential & Commercial	1,232	1,530	1,746	1,781	1,916	1,836	1,821	1,738	1,735
Agriculture	701	799	805	824	810	895	820	813	814
<b>Natural Gas</b>									
Primary Energy Supply	1,569	1,063	979	1,116	1,130	1,728	2,498	2,679	2,595
Indigenous Production	1,569	1,063	979	1,117	1,125	1,045	790	685	663
Import	-	-	-	-	-	762	1,845	1,927	2,070
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-	-	-	-	-	-1,232	-1,490	-1,359	-1,240
Power Generation	-	-	-	-	-	-241	-617	-638	-530
Final Energy Consumption	1,339	872	828	891	891	926	1,116	1,251	1,280
Industry	1,078	449	363	392	363	392	544	639	670
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	261	423	465	500	527	534	572	612	609
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	3,664	4,778	5,949	6,558	7,024	7,481	8,124	8,468	9,212
Thermal	1,276	-3,304	-3,296	-1,959	-919	-1,788	-1,547	-1,070	-318
Hydro	252	596	612	529	575	704	474	718	578
Nuclear	2,137	7,486	8,633	7,988	7,369	8,565	9,197	8,820	8,953
Final Energy Consumption	3,171	4,069	5,020	5,599	5,947	6,367	6,961	7,318	7,945
Industry	2,083	2,476	3,048	3,321	3,442	3,575	3,799	3,930	4,095
Transport	26	31	31	31	33	37	37	38	39
Residential & Commercial	999	1,465	1,788	2,092	2,322	2,616	2,974	3,206	3,649
Agriculture	63	97	152	156	150	139	151	144	161

Major Energy Indicators of Chinese Taipei (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
58,216	62,407	65,401	68,785	73,072	75,987	79,272	84,535	89,273	92,579	104,316	106,638
10,805	10,913	11,485	11,065	11,306	11,560	11,476	10,751	11,608	11,432	13,087	13,152
51,232	57,083	59,524	64,028	67,723	73,308	78,713	82,174	85,838	92,768	109,100	111,997
-522	-1,350	-1,963	-2,741	-1,613	-2,096	-2,294	-4,435	-6,207	-9,761	-13,040	-15,590
38,105	38,998	41,559	44,138	44,681	50,872	53,848	59,247	62,167	62,312	63,896	64,251
19,901	19,946	21,361	23,609	22,288	27,289	29,393	35,031	36,640	35,892	36,982	35,873
10,063	10,630	11,045	11,292	11,875	12,472	12,455	12,353	12,892	12,914	13,789	14,701
6,444	6,678	7,312	7,397	8,022	8,359	9,041	9,410	9,740	10,584	10,478	11,023
993	1,022	1,046	949	799	833	948	975	985	1,106	126	127
15,660	16,041	18,269	20,808	22,582	23,691	27,493	29,358	31,266	33,675	36,453	39,183
168	139	87	58	47	54	49	-	-	-	-	-
16,460	17,655	19,093	22,281	22,786	25,243	27,911	30,003	32,042	33,746	37,794	39,715
-	-	-	-	-	-	-	-	-	-	-	-
-7,997	-8,156	-9,907	-11,219	-14,450	-16,006	-18,605	-20,038	-21,544	-23,859	-28,709	-30,217
-8,709	-8,820	-10,565	-11,880	-15,341	-16,829	-19,428	-20,964	-22,479	-24,798	-26,984	-28,585
7,661	7,881	8,359	9,580	8,095	7,659	8,391	8,820	9,179	9,232	6,833	6,706
7,661	7,881	8,359	9,580	8,095	7,658	8,339	8,753	9,082	8,931	6,833	6,706
-	-	-	-	-	-	-	-	-	-	-	-
0	-	0	-	-	1	0	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
23,759	28,885	30,741	31,326	33,103	35,142	36,188	37,779	39,154	44,066	52,372	54,303
59	53	51	43	46	40	32	35	44	39	40	29
23,644	28,679	31,217	31,068	32,930	34,588	36,876	37,884	39,039	44,236	52,601	54,576
-	-	-	-	-	-	-	-	-	-	-	-
-23,759	-28,885	-30,741	-31,326	-33,103	-35,142	-36,188	-37,779	-39,154	-45,767	-52,282	-54,431
-23,759	-28,885	-30,741	-31,326	-33,103	-35,142	-36,188	-37,779	-39,154	-45,767	-52,282	-54,431
5,473	3,872	2,068	2,104	1,578	1,153	-803	1,318	981	-3,104	-6,730	-9,960
8,537	7,795	6,154	6,932	7,457	8,814	8,757	8,755	8,519	8,281	9,258	7,864
-522	-1,350	-1,963	-2,741	-1,613	-2,096	-2,294	-4,435	-6,207	-9,761	-13,040	-15,590
16,669	19,573	22,075	22,509	23,167	29,834	33,331	35,766	37,196	42,876	48,054	50,566
-5,523	-6,653	-5,715	-5,947	-6,105	-6,337	-6,171	-5,092	-4,241	-3,821	-3,706	-3,882
22,191	26,226	27,790	28,456	29,272	36,171	39,502	40,858	41,437	46,697	51,760	54,448
20,586	20,538	22,020	22,722	23,153	29,211	30,197	34,954	36,496	35,764	39,004	38,737
7,214	6,712	7,460	8,066	7,083	12,100	12,868	18,115	18,765	17,657	20,611	19,394
10,023	10,590	11,000	11,241	11,807	12,397	12,362	12,257	12,790	12,808	13,676	14,586
1,816	1,667	1,909	1,768	1,944	2,147	2,255	2,389	2,345	2,886	2,285	2,316
829	846	855	754	622	649	754	784	785	898	4	4
3,473	3,642	3,697	4,272	5,301	5,220	5,596	6,044	7,018	7,214	9,869	10,476
727	754	722	689	704	685	598	680	710	666	695	487
2,591	2,953	3,061	3,748	4,551	4,663	5,169	5,533	6,238	6,505	9,447	9,842
-	-	-	-	-	-	-	-	-	-	-	-
-1,917	-2,027	-2,099	-1,935	-2,934	-2,886	-3,378	-4,158	-4,818	-5,132	-7,529	-8,113
-1,130	-1,210	-1,300	-1,846	-2,876	-2,846	-3,393	-4,077	-4,782	-5,063	-6,975	-7,518
1,359	1,534	1,610	1,635	1,627	1,607	1,490	1,473	1,707	1,687	1,891	1,986
708	841	883	900	887	835	682	644	885	802	854	862
-	-	-	-	-	-	-	-	-	-	-	-
652	693	726	735	740	772	808	828	821	885	1,037	1,124
-	-	-	-	-	-	-	-	-	-	-	-
9,963	10,570	11,185	11,776	14,034	14,575	15,897	16,213	17,099	17,978	18,782	19,561
111	603	560	1,501	3,525	3,795	5,101	6,176	6,244	7,251	7,927	8,464
764	764	778	823	912	769	763	789	547	593	564	680
9,087	9,203	9,847	9,452	9,596	10,011	10,034	9,248	10,307	10,135	10,291	10,417
8,498	9,045	9,570	10,202	11,806	12,395	13,770	13,999	14,784	15,628	16,084	16,734
4,318	4,511	4,658	5,062	6,223	6,696	7,504	7,519	7,908	8,502	8,684	8,911
40	40	44	51	68	75	94	96	103	106	113	115
3,976	4,318	4,676	4,894	5,338	5,439	5,978	6,193	6,574	6,812	7,071	7,494
164	176	191	195	178	184	195	192	200	208	122	122

## Major Economic Indicators of Chinese Taipei

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	17.81	19.26	19.67	19.90	20.11	20.35	20.56	20.75
Gross Domestic Product *2								
Real Term (Billions of 2000 Price and 2000 USD)	75.13	104.03	130.66	141.17	153.10	161.83	174.10	187.76
Real Term (Billions of 2000 Price and 2000 PPP)	120.83	167.31	210.15	227.05	246.24	260.26	280.00	301.97
Nominal (Billions of Current USD)	42.27	63.42	115.56	127.75	154.18	163.18	191.92	216.65
GDP per Capita *2								
Real Term (2000 Price and 2000 USD)	4,220	5,402	6,642	7,093	7,614	7,951	8,469	9,048
Real Term (2000 Price and 2000 PPP)	6,786	8,688	10,682	11,407	12,246	12,788	13,621	14,551
Nominal (Current USD)	2,374	3,293	5,874	6,419	7,668	8,017	9,336	10,440
Nominal GDP & its Components (Billions of Current TWD) *1								
Gross Domestic Product	1,522.27	2,527.48	3,299.18	3,598.84	4,033.43	4,423.74	4,942.04	5,502.80
Private Consumption, etc.	785.92	1,291.13	1,574.04	1,818.94	2,150.32	2,416.94	2,699.59	3,067.92
General Government Consumption	248.17	417.25	486.99	554.47	647.55	776.56	879.25	947.97
Fixed Investment	458.48	472.59	632.38	747.23	886.38	987.07	1,091.35	1,317.81
Stock Change	47.47	5.02	44.34	100.24	53.86	28.54	53.82	73.83
Exports of Goods & NF Services	783.27	1,346.52	1,858.34	1,918.98	1,958.01	2,021.48	2,298.36	2,349.97
Imports of Goods & NF Services	801.03	1,005.03	1,296.90	1,541.01	1,662.70	1,806.85	2,080.32	2,254.70
Real GDP & its Components (Billions of 2001 TWD) *1								
Gross Domestic Product	2,490.66	3,448.65	4,331.64	4,680.03	5,075.62	5,364.73	5,771.49	6,224.35
Private Consumption, etc.	1,371.09	1,891.71	2,278.08	2,581.96	2,907.45	3,138.11	3,370.89	3,682.63
General Government Consumption	518.36	688.43	777.11	846.12	934.46	1,051.45	1,131.90	1,174.51
Fixed Investment	533.52	547.97	723.06	830.69	952.03	1,025.15	1,120.74	1,329.87
Stock Change	44.72	3.76	44.68	100.17	53.27	29.34	52.26	72.15
Exports of Goods & NF Services	804.38	1,275.25	1,959.92	2,063.15	2,166.00	2,179.60	2,473.92	2,649.10
Imports of Goods & NF Services	781.41	958.47	1,451.21	1,742.07	1,937.60	2,058.92	2,378.21	2,683.91
Sectional Shares of Real GDP (%) *2								
Agriculture, Fishery and Forest	8.4	5.6	5.2	4.9	4.7	4.0	3.7	3.5
Industry	42.8	43.8	44.5	42.3	39.6	38.4	38.0	36.9
Services, etc.	48.8	50.6	50.3	52.8	55.7	57.6	58.3	59.6
Industrial Production Index (2000=100) *2	33.1	44.0	55.5	57.8	60.0	59.9	64.3	67.2
External Trade (Billions of Current USD) *1								
Exports	19.811	30.726	53.679	60.667	66.304	67.214	76.563	82.122
Imports, c.i.f.	19.733	20.102	34.983	49.673	52.265	54.716	63.142	72.352
Balance of Payments (Billions of Current USD) *1								
Trade Balance	0.078	11.151	20.160	13.690	16.115	14.807	15.683	12.718
Current Account	-0.913	9.204	18.003	10.200	11.416	10.923	12.468	8.550
Overall Balance	-0.319	6.525	28.091	-1.393	-0.780	-3.918	9.659	1.367
Foreign Exchange Rate (TWD/USD) *1	36.01	39.85	28.55	28.17	26.16	27.11	25.75	25.40
Purchasing Power Parity (TWD/International Dollar) *2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Price Indices								
GDP Deflator (2001=100) *2	61.1	73.3	76.2	76.9	79.5	82.5	85.6	88.4
Wholesale Price Index (2001=100) *2	102.4	106.4	99.5	97.9	97.6	97.0	97.1	93.6
Consumer Price Index (2001=100) *2	57.4	69.6	70.4	71.3	74.5	77.5	80.3	83.9
Growth Rate (%) *2								
Real GDP	7.36	5.02	12.66	8.04	8.45	5.70	7.58	7.85
Population	1.87	1.29	1.12	1.17	1.02	1.22	1.00	0.95
Price								
Wholesale Price Index	21.5	-2.6	-3.2	-1.6	-0.4	-0.6	0.2	-3.7
Consumer Price Index	19.0	-0.2	0.5	1.3	4.4	4.1	3.6	4.5

Source \*1 : "Taiwan Statistics Data Book", Council for Economic Planning and Development (Chinese Taipei)

\*2 : Estimation from \*1 by the Coordinating Agency

Note : N.A. shows "not available"

: TWD shows New Taiwan Dollar, USD shows United States Dollar

: PPP shows Purchasing Power Parity



Major Economic Indicators of Chinese Taipei (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
20.94	21.13	21.30	21.47	21.68	21.87	22.03	22.22	22.34	22.45	22.54	22.62	22.69
200.71	215.54	229.52	243.97	260.06	271.89	287.51	304.09	297.49	311.28	322.18	342.00	355.91
322.80	346.65	369.14	392.38	418.25	437.27	462.41	489.07	478.45	500.64	518.16	550.04	572.41
228.85	254.34	265.96	289.00	263.79	286.73	307.03	304.09	281.78	296.19	309.60	346.70	347.68
9,583	10,203	10,774	11,363	11,994	12,431	13,049	13,688	13,316	13,864	14,297	15,123	15,686
15,412	16,409	17,327	18,275	19,289	19,993	20,986	22,014	21,417	22,297	22,994	24,322	25,228
10,927	12,039	12,484	13,460	12,166	13,110	13,935	13,688	12,613	13,191	13,739	15,330	15,323
6,094.15	6,673.94	7,252.76	7,944.60	8,610.14	9,238.47	9,640.89	10,032.00	9,862.18	10,293.35	10,519.57	11,065.55	11,421.26
3,424.09	3,863.80	4,219.88	4,649.55	5,045.52	5,436.71	5,756.79	6,087.24	6,129.21	6,284.68	6,353.29	6,718.93	7,020.43
991.92	1,019.85	1,088.51	1,201.41	1,315.53	1,400.53	1,362.65	1,391.55	1,404.43	1,430.77	1,459.02	1,465.29	1,497.18
1,521.89	1,630.50	1,800.90	1,780.50	1,955.62	2,185.51	2,229.27	2,394.00	1,910.02	1,910.94	1,957.71	2,420.15	2,402.95
60.02	51.84	26.85	54.01	116.89	120.01	49.91	-60.40	-98.96	-62.39	-21.95	86.84	33.23
2,640.45	2,863.44	3,423.65	3,700.17	4,086.53	4,359.79	4,562.17	5,392.44	4,962.60	5,443.95	5,999.13	6,978.14	7,340.90
2,544.22	2,755.49	3,307.04	3,441.04	3,909.95	4,264.07	4,319.89	5,172.83	4,445.13	4,714.61	5,227.63	6,603.81	6,873.43
6,653.68	7,145.42	7,609.03	8,088.07	8,621.23	9,013.35	9,531.43	10,081.06	9,862.18	10,319.45	10,680.63	11,337.83	11,798.93
3,968.13	4,307.53	4,549.01	4,852.01	5,195.52	5,517.20	5,821.16	6,088.18	6,129.21	6,288.54	6,381.44	6,665.77	6,849.23
1,191.72	1,185.65	1,231.14	1,319.99	1,398.88	1,449.93	1,387.19	1,397.06	1,404.43	1,433.40	1,441.63	1,433.87	1,447.10
1,488.31	1,605.42	1,728.68	1,759.79	1,950.80	2,125.18	2,187.67	2,384.93	1,910.02	1,930.44	1,963.66	2,345.75	2,349.50
59.91	50.46	23.86	51.35	115.25	118.91	51.67	-58.26	-98.96	-60.95	-19.22	78.45	28.84
2,848.83	3,003.31	3,381.18	3,609.53	3,942.84	4,051.93	4,526.22	5,379.95	4,962.60	5,490.19	6,060.07	6,932.46	7,460.13
2,903.22	3,006.95	3,304.85	3,504.60	3,982.07	4,249.80	4,442.49	5,110.80	4,445.13	4,762.16	5,146.95	6,118.46	6,335.88
3.5	3.4	3.3	3.1	2.4	2.4	2.4	2.0	1.9	1.7	1.7	1.6	1.7
35.9	34.2	32.8	32.4	31.9	31.2	29.9	29.1	27.6	28.3	28.0	27.6	26.8
60.6	62.4	63.9	64.5	65.7	66.4	67.7	68.9	70.5	70.0	70.4	70.8	71.6
69.7	74.4	77.9	79.4	84.3	87.1	93.5	100.0	92.2	99.5	106.6	117.0	122.4
85.957	94.300	113.342	117.581	124.170	112.595	123.733	151.950	126.314	135.317	150.600	182.370	198.432
77.393	85.698	104.012	102.922	114.955	105.230	111.196	140.732	107.971	113.245	128.010	168.758	182.614
11.450	11.849	13.235	17.543	13.882	10.315	14.706	13.672	19.862	24.175	24.867	16.113	17.897
7.042	6.498	5.474	10.923	7.051	3.436	7.993	8.899	18.237	25.612	29.234	18.478	16.019
1.541	4.622	-3.931	1.102	-0.728	4.827	18.593	2.477	17.353	33.664	37.092	26.595	20.056
26.63	26.24	27.27	27.49	32.64	32.2200	31.4000	32.9900	34.9990	34.7530	33.9780	31.9170	32.8500
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	20.5123	N.A.	N.A.	N.A.	N.A.	N.A.
91.6	93.4	95.3	98.2	99.9	102.5	101.2	99.5	100.0	99.2	97.0	95.5	95.0
95.9	98.0	105.2	104.2	103.7	104.3	99.6	101.4	100.0	100.1	102.5	109.7	110.4
86.4	89.9	93.2	96.1	97.0	98.6	98.8	100.0	104.4	99.8	99.5	101.1	103.5
6.90	7.39	6.49	6.30	6.59	4.55	5.75	5.77	-2.17	4.64	3.50	6.15	4.07
0.93	0.87	0.84	0.78	0.99	0.87	0.75	0.83	0.56	0.51	0.37	0.36	0.33
2.5	2.2	7.4	-1.0	-0.5	0.6	-4.0	-2.8	0.5	-1.3	2.5	9.7	7.7
2.9	4.1	3.7	3.1	0.9	1.7	1.9	1.4	1.2	-0.2	-0.5	1.3	4.0

## Energy Price of Chinese Taipei in 2005

## Currency Exchange Rate

	Local currency /	
Currency Exchange Rate	USD	
Local Currency Unit		NTD

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal	US\$ / mt	101.22	Coking Coal			Coking Coal		
Anthracite	US\$ / mt	67.87	Anthracite			Anthracite		
Other bituminous coal	US\$ / mt	59.57	Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal	US\$ / mt	44.39	Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite		
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke	US\$ / mt	0.00	Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil	US\$ / bbl	47.59	<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG	US\$ / mt	469.39	Ethane			Ethane		
Naphtha	US\$ / mt	480.89	LPG	NT\$ / kg	17.60	LPG	NT\$ / kg	17.60
Motor Gasoline			Naphtha			Naphtha		
Aviation Gasoline			Motor Gasoline	NT\$ / l	22.22	Motor Gasoline	NT\$ / l	24.87
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline		
Kerosene Type Jet Fuel			Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene			Kerosene Type Jet Fuel			Kerosene Type Jet Fuel		
Gas/Diesel Oil			Other Kerosene	NT\$ / l	30.30	Other Kerosene	NT\$ / l	30.80
Fuel Oil	US\$ / kl	272.48	Gas/Diesel Oil	NT\$ / l	18.87	Gas/Diesel Oil	NT\$ / l	20.50
White Spirit SBP			Fuel Oil	NT\$ / kl	8,890.00	Fuel Oil	NT\$ / kl	9,070.00
Lubricants			White Spirit SBP			White Spirit SBP		
Bitumen			Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke			Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas			<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas	US\$ / mt	399.63	Natural Gas	NT\$ / m <sup>3</sup>	11.34	Natural Gas	NT\$ / m <sup>3</sup>	13.42
Compressed Natural Gas			Liquefied Natural Gas	NT\$ / m <sup>3</sup>	12.61	Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity			<b>Electricity</b>			<b>Electricity</b>		
<b>Other Energy Products</b>			Electricity	NT\$ / KWh	2.05	Industrial	NT\$ / KWh	1.82
			<b>Other Energy Products</b>			Commercial	NT\$ / KWh	3.10
						Residential	NT\$ / KWh	2.10
						Others		
						<b>Other Energy Products</b>		

## Original Table (Quarterly) of Chinese Taipei in 2006

Coal		Unit: 1,000 ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	-	4,291	-	-402
	FEB.	-	4,342	-	46
	MAR.	-	5,335	-	555
	<b>1st quarter</b>	-	13,968	-	199
	APR.	-	5,229	-	124
	MAY.	-	5,509	-	33
	JUN.	-	5,195	-	-75
	<b>2nd quarter</b>	-	15,934	-	82
	JUL.	-	5,167	-	-596
	AUG.	-	6,255	-	696
	SEP.	-	5,244	-	-227
	<b>3rd quarter</b>	-	16,666	-	-127
	OCT.	-	5,306	-	86
	NOV.	-	4,402	-	-638
	DEC.	-	5,819	-	786
	<b>4th quarter</b>	-	15,527	-	234
		-	62,095	-	389

Oil		Unit: 1,000kL						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	2	4,305		-432	1,135	1,180	141
	FEB.	2	4,051		-405	1,099	1,026	447
	MAR.	3	5,321		676	1,039	1,113	253
	<b>1st quarter</b>	8	13,677		-160	3,273	3,320	841
	APR.	2	5,025		127	1,136	1,301	83
	MAY.	1	6,237		559	1,267	1,648	658
	JUN.	2	4,591		-778	1,056	1,849	-79
	<b>2nd quarter</b>	5	15,853		-92	3,459	4,798	662
	JUL.	2	4,661		-137	596	1,478	-387
	AUG.	2	4,986		375	1,057	1,418	-286
	SEP.	2	4,863		544	1,210	1,144	122
	<b>3rd quarter</b>	5	14,509		781	2,863	4,040	-551
	OCT.	2	4,073		-705	1,029	1,398	149
	NOV.	2	5,536		532	862	1,721	-117
	DEC.	2	4,350		-382	1,022	1,504	-47
	<b>4th quarter</b>	5	13,960		-555	2,913	4,623	-15
		24	57,999	-	-26	12,508	16,781	936

Original Table (Quarterly) of Chinese Taipei in 2006 (Continued)

Natural Gas ( or LNG)		Unit: 1,000CM			
		Production	Imports	Exports	Stock Changes
2006	JAN.	46,498	473,319	-	-71,813
	FEB.	43,820	478,152	-	-5,225
	MAR.	48,327	772,314	-	31,833
	<b>1st quarter</b>	138,645	1,723,785	-	-45,205
	APR.	40,843	820,862	-	37,680
	MAY.	36,416	1,036,693	-	150,088
	JUN.	34,564	867,053	-	-156,695
	<b>2nd quarter</b>	111,823	2,724,608	-	31,073
	JUL.	31,012	1,028,560	-	-66,321
	AUG.	31,925	1,119,027	-	5,300
	SEP.	33,436	875,181	-	-26,030
	<b>3rd quarter</b>	96,373	3,022,768	-	-87,051
	OCT.	35,465	1,041,293	-	169,515
	NOV.	38,031	792,639	-	-21,884
	DEC.	42,621	859,334	-	93,616
	<b>4th quarter</b>	116,117	2,693,266	-	241,247
		462,958	10,164,427	-	140,064

Electricity		Unit: GWh					Imports	Exports
		Total	Thermal	Hydro	Nuclear	Others		
2006	JAN.	17,557	10,045	537	3,663	3,312	-	-
	FEB.	15,953	9,597	511	2,950	2,895	-	-
	MAR.	18,306	11,546	603	3,013	3,144	-	-
	<b>1st quarter</b>	51,816	31,187	1,652	9,626	9,351	-	-
	APR.	18,761	11,775	712	2,953	3,321	-	-
	MAY.	20,440	12,792	801	3,051	3,797	-	-
	JUN.	20,831	12,795	725	3,392	3,919	-	-
	<b>2nd quarter</b>	60,032	37,362	2,238	9,395	11,038	-	-
	JUL.	22,741	14,074	836	3,693	4,138	-	-
	AUG.	22,789	14,305	805	3,730	3,948	-	-
	SEP.	20,563	12,699	718	3,232	3,914	-	-
	<b>3rd quarter</b>	66,093	41,078	2,359	10,655	12,000	-	-
	OCT.	20,081	12,849	608	3,240	3,383	-	-
	NOV.	18,677	11,764	586	3,190	3,138	-	-
	DEC.	18,417	10,780	556	3,764	3,316	-	-
	<b>4th quarter</b>	57,174	35,393	1,750	10,194	9,837	-	-
		235,115	145,020	7,999	39,870	42,225	-	-

Note: ton=Metric ton.

bbL=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.

## 3.19 Thailand

## Energy Balance Table of Thailand in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Petroleum Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	5,220	-	9,893	-	-	-	-	-	-
2 Import	4,281	1,180	41,693	1,980	2	-	-	-	620
3 Export	-	-	-3,453	-5,516	-1,506	-	-490	-4	-1,559
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	-	-	1,418	-2,370	-51	-	-44	-911	-894
6 Total Primary Energy Supply	9,501	1,180	49,550	-5,905	-1,555	-	-534	-915	-1,833
7 Transfers	-	-	-	-	-	-	-	-	-
8 Total Transformation Sector	-4,725	-	-46,494	34,166	6,877	-	3,952	934	16,877
8.1 Main Activity Producer	-4,725	-	-	-1,951	-	-	-	-	-72
8.2 Autoproducers	-	-	-	-16	-	-	-	-	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-46,494	36,365	6,877	-	3,952	934	16,949
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-232	-	-	-	-	-
9. Loss & Own Use	-	-	-	-	-	-	-	-	-
10. Discrepancy	887	-15	-10	4,273	79	-	89	73	1,774
11 Total Final Energy Consumption	5,663	1,164	3,046	32,534	5,401	-	3,507	92	16,818
12 Industry Sector	5,663	1,164	471	4,032	39	-	-	85	967
13 Transport Sector	-	-	-	23,436	5,312	-	3,507	-	12,721
14 Other Sector	-	-	-	5,066	51	-	-	7	3,130
14.1 Residential & Commercial	-	-	-	1,880	-	-	-	7	-
14.2 Agriculture	-	-	-	3,187	51	-	-	-	3,130
14.3 Other	-	-	-	-	-	-	-	-	-
15 Non-energy	-	-	3,046	661	-	-	-	-	-

## Energy Balance Table of Thailand in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Petroleum Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
1 Indigenous Production	5,610	-	10,316	-	-	-	-	-	-
2 Import	3,330	1,418	43,531	1,511	146	-	39	-	615
3 Export	-	-	-2,892	-5,473	-1,012	-	-300	-54	-2,053
4 International Marine Bunkers	-	-	-	-	-	-	-	-	-
5 Stock Changes	136	-	1,294	-605	-98	-	-47	-953	878
6 Total Primary Energy Supply	9,077	1,418	52,250	-4,567	-964	-	-309	-1,007	-560
7 Transfers	-	-	-4,555	4,555	-	-	-	-	-
8 Total Transformation Sector	-4,656	-	-46,816	35,287	6,674	-	3,773	1,028	17,405
8.1 Main Activity Producer	-4,656	-	-	-1,715	-	-	-	-	-104
8.2 Autoproducers	-	-	-	-	-	-	-	-	-
8.3 Gas Processing	-	-	-	-	-	-	-	-	-
8.4 Petroleum Refineries	-	-	-46,816	37,244	6,674	-	3,773	1,028	17,510
8.5 Coal Transformation	-	-	-	-	-	-	-	-	-
8.6 Other Transformation	-	-	-	-243	-	-	-	-	-
9. Loss & Own Use	-	-	-	-	-	-	-	-	-
10. Discrepancy	97	-1	2,052	-28	0	-	0	2	-20
11 Total Final Energy Consumption	4,518	1,417	2,931	35,247	5,710	-	3,465	23	16,825
12 Industry Sector	4,518	1,417	367	7,191	34	-	-	13	1,281
13 Transport Sector	-	-	-	22,780	5,619	-	3,465	-	12,107
14 Other Sector	-	-	-	5,276	57	-	-	10	3,437
14.1 Residential & Commercial	-	-	-	1,777	-	-	-	9	1
14.2 Agriculture	-	-	-	3,500	57	-	-	1	3,436
14.3 Other	-	-	-	-	-	-	-	-	-
15 Non-energy	-	-	2,931	3,059	-	-	-	-	-

Energy Balance Table of Thailand in 2005 (Continued)

												unit: ktoe
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	20,726	499	-	2	17,042	-	-	53,381
1,358	-	-	-	-	8,179	-	-	-	23	380	-	57,715
-851	-1,106	-	-	-	-	-	-	-	-1	-55	-	-9,025
-	-	-	-	-	-	-	-	-	-	-	-	-
-454	-16	-	-	-	-	-	-	-	-	-	-	-952
54	-1,122	-	-	-	28,905	499	-	2	17,064	325	-	101,120
-	-	-	-	-	-	-	-	-	-	-	-	-
3,912	1,613	-	-	-	-21,204	-499	-	-2	-5,968	11,369	-	-33,357
-1,879	-	-	-	-	-18,863	-499	-	-2	-	10,191	-	-15,848
-16	-	-	-	-	-2,341	-	-	-	-1,186	1,178	-	-2,365
-	-	-	-	-	-	-	-	-	-	-	-	-
5,807	1,845	-	-	-	-	-	-	-	-	-	-	-10,130
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-232	-	-	-	-	-	-	-	-4,782	-	-	-5,014
-	-	-	-	-	-	-	-	-	-	-1,307	-	-1,307
0	2,258	-	-	-	-5,632	-	-	0	-20	0	-	-517
3,966	2,750	-	-	-	2,069	-	-	-	11,075	10,387	-	65,938
1,756	525	-	-	-	2,019	-	-	-	5,585	4,853	-	23,787
1,543	353	-	-	-	50	-	-	-	-	5	-	23,491
7	1,872	-	-	-	-	-	-	-	5,491	5,529	-	16,086
3	1,870	-	-	-	-	-	-	-	5,491	5,459	-	12,829
4	3	-	-	-	-	-	-	-	-	21	-	3,208
-	-	-	-	-	-	-	-	-	-	49	-	49
-	661	-	-	-	-	-	-	-	-	-	-	3,707

Energy Balance Table of Thailand in 2004 (Continued)

												unit: ktoe
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	14,877	519	-	2	16,381	-	-	47,706
709	4	-	-	-	7,607	-	-	-	23	291	-	57,712
-1,015	-1,039	-	-	-	-	-	-	-	-3	-32	-	-8,400
-	-	-	-	-	-	-	-	-	-	-	-	-
-299	-86	-	-	-	-	-	-	-	-	-	-	825
-605	-1,122	-	-	-	22,484	519	-	2	16,401	259	-	97,843
-	1,991	-	-	2,564	-	-	-	-	-	-	-	-
4,724	1,683	-	-	-	-19,786	-519	-	-2	-5,885	10,812	-	-31,564
-1,610	-	-	-	-	-19,786	-519	-	-2	-	9,650	-	-17,027
-	-	-	-	-	-	-	-	-	-1,033	1,162	-	129
-	-	-	-	-	-	-	-	-	-	-	-	-
6,334	1,926	-	-	-	-	-	-	-	-	-	-	-9,571
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-243	-	-	-	-	-	-	-	-4,852	-	-	-5,094
-	-	-	-	-	-	-	-	-	-	-1,218	-	-1,218
-1	-10	-	-	-	-357	-	-	-	1	-0	-	1,763
4,118	2,543	-	-	2,564	2,341	-	-	-	10,517	9,854	-	66,824
2,290	514	-	-2,564	2,564	2,314	-	-	-	4,870	4,538	-	25,214
1,326	263	-	-	-	27	-	-	-	-	4	-	22,811
7	1,766	-	-	-	-	-	-	-	5,647	5,312	-	16,235
3	1,764	-	-	-	-	-	-	-	5,647	5,249	-	12,673
4	2	-	-	-	-	-	-	-	-	19	-	3,519
-	-	-	-	-	-	-	-	-	-	43	-	43
-	495	-	-	2,564	-	-	-	-	-	-	-	5,990

## Major Energy Indicators of Thailand

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	12,104	15,673	18,953	21,304	24,971	29,940	32,454	35,680	40,384
Indigenous Production	531	6,701	8,256	9,406	10,169	11,854	13,809	14,813	15,901
Import	12,012	9,393	11,359	12,112	15,766	18,968	19,352	22,267	25,882
Export	-16	-442	-477	-678	-713	-791	-949	-1,003	-977
Final Energy Consumption	9,272	11,955	14,295	16,225	19,222	22,218	23,606	25,964	29,223
Industry	2,759	3,043	3,451	3,915	4,825	5,917	6,539	7,426	8,705
Transport	4,278	6,360	7,875	8,914	10,169	11,474	11,910	12,653	14,581
Residential & Commercial	991	1,566	1,956	2,382	2,388	2,675	2,922	3,480	4,066
Agriculture	1,130	841	835	834	1,639	1,820	1,827	1,897	1,618
<b>Coal, Coal Products</b>									
Primary Energy Supply	445	1,589	2,094	2,271	2,763	3,828	4,466	4,794	5,378
Indigenous Production	408	1,401	1,932	2,049	2,592	3,603	4,193	4,426	4,631
Import	60	213	197	240	300	220	331	342	659
Export	-1	-	-1	-	-	-	-	-	-
Transformation Sector	-331	-1,143	-1,420	-1,463	-1,681	-2,472	-2,907	-3,067	-2,848
Power Generation	-331	-1,143	-1,420	-1,463	-1,681	-2,472	-2,907	-3,067	-2,848
Final Energy Consumption	114	446	674	808	1,082	1,356	1,559	1,727	2,531
Industry	114	446	674	808	1,082	1,356	1,559	1,713	2,524
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	7,745	8,134	8,949	9,085	11,249	12,220	12,425	15,432	18,092
Indigenous Production	14	1,732	1,584	1,832	1,904	2,112	2,210	2,521	2,554
Import	7,866	6,751	7,868	7,509	10,143	10,961	10,996	13,792	16,096
Export	-	-403	-445	-676	-704	-767	-916	-844	-617
Transformation Sector	-7,736	-8,050	-8,750	-9,040	-11,106	-11,687	-12,269	-15,111	-17,678
Petroleum Refineries	-7,736	-8,141	-8,849	-9,148	-11,180	-11,806	-12,440	-15,300	-17,905
<b>Petroleum Products</b>									
Primary Energy Supply	3,739	2,322	3,135	4,388	5,233	7,700	8,110	7,550	8,147
Import	4,020	2,367	3,258	4,326	5,268	7,731	7,974	8,092	9,072
Export	-14	-37	-29	-	-7	-21	-29	-155	-356
Transformation Sector	4,288	6,221	8,255	8,518	9,935	9,566	9,834	11,918	13,426
Power Generation	-2,982	-856	-550	-788	-1,171	-2,548	-3,034	-3,565	-4,320
Petroleum Refineries	7,270	6,645	8,324	8,786	10,764	11,490	11,943	14,508	16,732
Final Energy Consumption	8,027	9,587	11,419	12,906	15,168	17,267	17,944	19,468	21,238
Industry	2,090	1,619	1,764	1,933	2,302	2,753	2,932	3,517	3,811
Transport	4,278	6,360	7,875	8,914	10,169	11,474	11,910	12,653	14,581
Residential & Commercial	417	648	794	1,072	899	927	920	1,005	1,116
Agriculture	1,128	836	830	828	1,631	1,811	1,819	1,887	1,607
<b>Natural Gas</b>									
Primary Energy Supply	-	3,250	4,390	5,200	5,194	5,710	7,011	7,501	8,397
Indigenous Production	-	3,250	4,390	5,200	5,194	5,710	7,011	7,501	8,397
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-	-2,984	-4,167	-4,943	-4,861	-5,183	-6,345	-6,746	-7,611
Power Generation	-	-2,388	-3,504	-4,189	-4,292	-4,216	-5,359	-5,672	-6,407
Final Energy Consumption	-	178	40	60	114	267	360	441	492
Industry	-	178	40	60	114	266	360	441	492
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	1,241	1,984	2,464	2,792	3,217	3,799	4,276	4,911	5,453
Thermal	1,131	1,667	2,114	2,467	2,738	3,371	3,882	4,546	5,135
Hydro	109	318	350	325	479	428	394	364	318
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	1,131	1,723	2,141	2,430	2,824	3,297	3,698	4,240	4,840
Industry	555	800	973	1,114	1,327	1,542	1,688	1,755	1,878
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	574	918	1,162	1,310	1,489	1,747	2,002	2,475	2,950
Agriculture	2	5	5	6	8	8	8	10	11



Major Energy Indicators of Thailand (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
45,080	51,659	57,710	60,353	58,103	60,921	63,255	67,035	71,677	77,608	97,843	101,120
17,586	18,485	21,411	24,926	25,658	26,823	28,559	28,926	30,679	32,868	47,706	53,381
28,245	33,750	41,782	41,347	36,703	39,319	40,086	45,399	47,854	51,776	57,712	57,715
-1,176	-1,174	-4,360	-5,800	-5,307	-5,862	-5,450	-7,557	-8,266	-8,019	-8,400	-9,025
33,086	37,561	41,862	42,183	39,336	40,667	41,557	44,069	46,865	50,364	66,824	65,938
10,418	11,944	13,400	12,516	10,992	12,461	12,833	13,762	15,064	15,659	27,778	26,362
16,336	18,761	20,094	21,398	19,031	19,168	18,828	18,805	19,819	21,123	22,811	23,491
4,087	4,735	5,169	5,614	5,641	5,358	5,731	6,040	6,401	6,736	12,673	12,829
1,576	1,574	1,786	1,494	1,897	2,180	2,180	2,874	3,061	3,339	3,519	3,208
6,120	7,064	8,643	8,716	7,332	7,989	7,838	8,898	9,305	9,710	10,495	10,680
5,174	5,524	6,314	6,868	6,131	5,752	5,196	5,697	5,742	5,520	5,610	5,220
957	1,515	2,478	2,053	1,027	2,048	2,655	3,140	3,597	4,543	4,748	5,461
-	-	-	-	-	-	-	-	-	-	-	-
-3,014	-3,406	-4,197	-4,745	-4,063	-4,077	-4,204	-4,480	-4,375	-4,459	-4,656	-4,725
-3,014	-3,406	-4,197	-4,745	-4,063	-4,077	-4,204	-4,480	-4,375	-4,459	-4,656	-4,725
3,106	3,658	4,446	3,971	3,268	3,912	3,660	4,418	4,930	5,034	5,935	6,827
3,106	3,658	4,443	3,970	3,267	3,912	3,660	4,418	4,930	5,034	5,935	6,827
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
20,883	24,901	33,321	38,500	37,544	39,024	39,400	40,273	41,897	45,674	52,250	49,550
2,716	2,550	2,947	3,409	3,652	3,955	5,159	5,492	6,280	7,736	10,316	9,893
18,610	22,840	31,686	36,419	34,239	35,184	34,062	35,923	36,697	39,082	43,531	41,693
-882	-715	-1,127	-1,185	-1,041	-728	-514	-1,925	-2,731	-3,092	-2,892	-3,453
-20,653	-24,668	-32,932	-38,006	-37,257	-37,592	-37,774	-37,989	-39,659	-42,897	-46,816	-46,494
-20,862	-24,871	-33,138	-38,281	-37,506	-37,901	-38,169	-38,446	-40,156	-43,396	-46,816	-46,494
8,311	9,230	3,534	-1,567	-2,793	-3,412	-4,361	-5,794	-4,925	-4,647	-4,567	-5,905
8,603	9,335	7,549	2,811	1,278	1,866	1,179	392	793	867	1,511	1,980
-289	-452	-3,225	-4,606	-4,253	-5,119	-4,919	-5,610	-5,512	-4,901	-5,473	-5,516
15,392	18,104	26,494	31,981	30,980	30,632	31,530	33,607	34,206	35,607	35,287	34,166
-4,920	-5,611	-5,918	-5,053	-4,339	-3,726	-2,344	-738	-664	-715	-1,715	-1,967
19,398	22,211	30,237	34,963	33,123	32,801	32,193	32,499	32,988	34,381	37,244	36,365
23,882	26,859	29,542	29,767	28,085	27,337	27,303	28,010	29,474	31,208	35,247	32,534
4,243	4,676	5,043	4,629	4,188	4,316	4,335	4,170	4,440	4,503	7,191	4,032
16,336	18,758	20,089	21,393	19,026	19,163	18,822	18,800	19,811	21,107	22,780	23,436
1,207	1,444	1,507	1,510	1,394	1,479	1,637	1,725	1,738	1,778	1,777	1,880
1,568	1,565	1,775	1,480	1,879	2,166	2,167	2,858	3,044	3,320	3,500	3,187
9,307	9,833	11,518	14,029	15,447	16,837	19,620	22,890	24,537	26,054	22,484	28,905
9,307	9,833	11,518	14,029	15,428	16,810	17,685	17,193	18,012	18,984	14,877	20,726
-	-	-	-	19	27	1,935	5,696	6,525	7,071	7,607	8,179
-	-	-	-	-	-	-	-	-	-	-	-
-8,413	-7,567	-8,575	-11,058	-11,636	-12,427	-14,273	-17,578	-18,880	-19,821	-19,786	-21,204
-7,290	-7,476	-8,466	-10,910	-11,479	-12,263	-14,106	-17,399	-18,698	-19,642	-19,786	-21,204
587	787	940	951	890	1,127	1,389	1,572	1,767	2,316	2,341	2,069
582	784	935	946	885	1,122	1,386	1,570	1,762	1,995	2,314	2,019
-	3	5	5	5	5	2	2	6	13	27	50
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
6,121	6,885	7,522	8,020	7,746	7,746	8,254	8,808	9,375	10,061	10,812	11,369
5,733	6,308	6,891	7,400	7,301	7,442	7,736	8,266	8,733	9,433	10,293	10,870
388	577	631	619	445	304	518	542	643	628	519	499
-	-	-	-	-	-	-	-	-	-	-	-
5,376	6,125	6,652	7,089	6,917	7,005	7,562	7,937	8,615	9,198	9,854	10,387
2,487	2,826	2,979	2,971	2,652	3,111	3,452	3,604	3,933	4,126	4,538	4,853
-	-	-	-	-	-	3	3	3	3	4	5
2,880	3,291	3,662	4,104	4,247	3,879	4,094	4,315	4,662	4,957	5,249	5,459
8	9	11	14	18	14	13	15	17	19	19	21

## Major Economic Indicators of Thailand

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	46.33	50.61	52.25	53.06	53.85	54.64	55.41	56.17
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	37.27	48.60	56.17	63.63	71.39	79.36	86.15	93.12
Real Term (Billions of 2000 Price and 2000 PPP)	117.91	153.72	177.67	201.28	225.82	251.04	272.52	294.55
Nominal (Billions of Current USD)	32.35	38.90	50.54	61.67	72.25	85.34	98.23	111.45
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	804	960	1,075	1,199	1,326	1,452	1,555	1,658
Real Term (2000 Price and 2000 PPP)	2,545	3,037	3,401	3,794	4,193	4,594	4,918	5,243
Nominal (Current USD)	698	769	967	1,162	1,342	1,562	1,773	1,984
Nominal GDP & its Components (Billions of Current THB) *1								
Gross Domestic Product	662.48	1,056.50	1,299.91	1,559.80	1,856.99	2,183.54	2,506.64	2,830.91
Household Final Consumption Expenditure, etc.	433.58	657.37	781.06	885.01	1,030.56	1,234.98	1,378.06	1,550.50
General Government Final Consumption Expenditure	81.43	142.92	147.22	156.71	176.80	205.35	231.13	280.20
Gross Fixed Capital Formation	183.99	287.00	359.27	478.53	642.88	881.76	1,043.55	1,111.28
Stock Change	9.07	11.40	3.08	29.82	8.30	21.21	30.33	20.06
Exports of Goods and Services	159.73	245.25	375.60	514.92	648.49	745.29	901.49	1,046.66
Imports of Goods and Services	201.18	274.07	368.32	536.60	696.10	909.46	1,065.49	1,160.17
Real GDP & its Components (Billions of 1988 THB) *1								
Gross Domestic Product	913.73	1,191.25	1,376.85	1,559.80	1,749.95	1,945.37	2,111.86	2,282.57
Household Final Consumption Expenditure, etc.	607.23	723.20	813.78	885.01	984.18	1,110.93	1,171.16	1,273.03
General Government Final Consumption Expenditure	106.94	151.25	150.64	156.71	160.82	171.94	182.59	194.28
Gross Fixed Capital Formation	269.63	333.64	392.41	478.53	586.32	759.87	856.23	913.05
Stock Change	6.45	12.23	1.78	29.82	8.43	20.65	28.45	17.80
Exports of Goods and Services	195.23	288.02	404.91	514.92	625.83	709.65	817.09	929.91
Imports of Goods and Services	271.20	290.57	384.48	536.60	652.44	806.98	911.39	993.13
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	19.9	19.1	16.6	16.2	15.8	13.6	13.4	13.0
Industry	30.1	31.6	33.7	34.6	36.2	37.8	39.0	39.7
Services, etc.	50.0	49.4	49.8	49.2	48.0	48.6	47.6	47.3
Industrial Production Index (2000=100)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	6.505	7.121	11.654	15.953	20.078	23.068	28.428	32.472
Imports, c.i.f.	9.214	9.242	13.023	20.285	25.771	33.045	37.569	40.686
Balance of Payments (Billions of Current USD) *2								
Trade Balance	-1.902	-1.332	-0.424	-2.074	-2.916	-6.751	-5.989	-4.161
Current Account	-2.076	-1.537	-0.366	-1.654	-2.498	-7.281	-7.571	-6.303
Overall Balance	-0.206	0.105	0.945	2.596	5.029	3.235	4.618	3.029
Foreign Exchange Rate (THB/USD) *1	20.4764	27.1589	25.7228	25.2939	25.7020	25.5855	25.5168	25.4001
Purchasing Power Parity (THB/International Dollar) *1	10.4055	9.8656	9.9973	10.2378	10.4669	10.6589	10.8907	11.1236
Price Indices								
GDP Deflator (1988=100) *3	72.5	88.7	94.4	100.0	106.1	112.2	118.7	124.0
Wholesale Price Index (2000=100) *2	52.0	56.8	59.9	64.9	67.8	70.2	75.0	75.1
Consumer Price Index (2000=100) *2	41.8	53.1	55.5	57.6	60.7	64.3	68.0	70.7
Growth Rate (%) *3								
Real GDP	5.17	4.65	9.52	13.29	12.19	11.17	8.56	8.08
Population	2.11	1.65	1.58	1.55	1.50	1.46	1.42	1.37
Price								
Wholesale Price Index	20.1	0.0	5.9	8.2	4.6	3.5	6.8	0.2
Consumer Price Index	19.7	2.4	2.5	3.8	5.4	5.9	5.7	4.1

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: THB shows Baht, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Thailand (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
56.92	57.64	58.34	59.00	59.64	60.25	60.85	61.44	62.02	62.59	63.14	63.69	64.23
100.80	109.86	120.01	127.09	125.34	112.17	117.16	122.73	125.39	132.05	141.34	150.06	156.76
318.85	347.51	379.61	402.01	396.50	354.83	370.61	388.21	396.63	417.72	447.09	474.68	495.88
125.01	144.31	168.02	181.95	150.89	111.86	122.63	122.73	115.54	126.88	142.92	161.69	176.63
1,771	1,906	2,057	2,154	2,102	1,862	1,925	1,998	2,022	2,110	2,238	2,356	2,441
5,602	6,029	6,507	6,814	6,648	5,889	6,090	6,319	6,395	6,674	7,080	7,453	7,720
2,196	2,504	2,880	3,084	2,530	1,857	2,015	1,998	1,863	2,027	2,263	2,539	2,750
3,165.22	3,629.34	4,186.21	4,611.04	4,732.61	4,626.45	4,637.08	4,922.73	5,133.50	5,450.64	5,928.97	6,503.49	7,104.23
1,730.52	1,958.73	2,225.74	2,479.83	2,586.96	2,505.31	2,595.11	2,762.92	2,941.01	3,119.98	3,388.46	3,687.55	4,043.42
315.98	354.39	414.40	469.52	476.70	511.69	533.04	557.81	581.12	603.89	635.25	721.31	838.83
1,252.92	1,450.22	1,719.12	1,892.92	1,598.63	1,035.45	965.90	1,081.42	1,181.31	1,243.19	1,423.91	1,686.84	2,058.02
13.48	10.72	43.04	35.24	-5.47	-89.47	-15.29	42.74	55.77	54.15	53.60	75.03	189.48
1,201.51	1,410.79	1,751.67	1,809.91	2,272.12	2,723.95	2,703.31	3,287.28	3,380.75	3,499.00	3,886.57	4,587.86	5,230.61
1,335.68	1,586.56	2,033.89	2,099.23	2,205.12	1,988.91	2,120.35	2,862.30	3,047.57	3,134.26	3,485.27	4,281.86	5,340.68
2,470.91	2,692.97	2,941.74	3,115.34	3,072.61	2,749.68	2,871.98	3,008.40	3,073.60	3,237.04	3,464.70	3,678.51	3,842.72
1,380.20	1,486.10	1,601.69	1,694.44	1,671.18	1,478.78	1,542.77	1,623.72	1,690.64	1,782.65	1,896.33	2,008.21	2,097.18
204.21	220.94	232.46	260.47	253.10	262.96	271.03	277.13	284.03	286.06	292.68	306.49	343.78
997.75	1,111.15	1,236.09	1,323.01	1,051.25	585.30	566.41	597.44	604.21	643.78	721.37	820.56	913.74
13.81	8.27	42.89	22.51	-0.75	-69.30	-6.69	25.64	35.78	34.43	49.93	56.84	71.98
1,050.66	1,200.67	1,386.11	1,309.53	1,404.25	1,519.99	1,657.26	1,947.08	1,865.08	2,088.77	2,235.66	2,451.12	2,557.71
1,124.47	1,286.68	1,543.60	1,534.26	1,360.92	1,066.32	1,178.17	1,497.67	1,415.36	1,609.27	1,745.52	1,980.89	2,167.37
10.3	9.9	9.4	9.3	9.3	10.3	10.1	10.3	10.4	10.0	10.4	9.3	8.7
41.9	42.4	43.0	43.4	43.3	42.0	44.1	44.4	44.1	44.9	45.9	46.7	47.3
47.8	47.7	47.6	47.3	47.4	47.7	45.8	45.3	45.5	45.2	43.7	44.0	44.0
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
36.969	45.261	56.439	55.721	57.374	54.456	58.440	69.057	64.968	68.108	80.324	96.248	110.110
46.077	54.459	70.786	72.332	62.854	42.971	50.342	61.924	61.962	64.645	75.824	94.410	118.191
-4.297	-3.726	-7.968	-9.488	1.572	16.238	14.013	11.701	8.543	9.081	11.175	10.785	3.204
-6.364	-8.085	-13.582	-14.692	-3.021	14.243	12.428	9.313	5.101	4.691	4.772	2.759	-7.857
3.907	4.169	7.159	2.167	-18.250	-2.696	1.388	-1.806	2.276	5.537	0.518	5.710	5.417
25.3196	25.1500	24.9152	25.3427	31.3643	41.3594	37.8137	40.1118	44.4319	42.9601	41.4846	40.2224	40.2201
11.2312	11.5720	11.9747	12.2222	12.5099	13.5154	12.7848	12.6805	12.6385	12.5226	12.4726	12.5565	12.7458
128.1	134.8	142.3	148.0	154.0	168.3	161.5	163.6	167.0	168.4	171.1	176.8	184.9
74.8	77.8	84.1	85.7	90.0	101.0	96.2	100.0	102.5	104.2	108.4	115.7	126.2
73.1	76.8	81.3	86.0	90.8	98.2	98.5	100.0	104.4	102.3	104.1	107.0	111.9
8.25	8.99	9.24	5.90	-1.37	-10.51	4.45	4.75	2.17	5.32	7.03	6.17	4.46
1.33	1.27	1.20	1.14	1.08	1.03	0.99	0.97	0.94	0.92	0.89	0.87	0.85
-0.4	4.0	8.2	1.8	5.1	12.2	-4.7	3.9	2.5	1.7	4.0	6.7	9.1
3.4	5.1	5.8	5.8	5.6	8.1	0.3	1.6	1.6	0.6	1.8	2.8	4.5

## Energy Price of Thailand in 2005

## Currency Exchange Rate

	Local currency / US Dollar	40.36฿
<b>Currency Exchange Rate</b>		
<b>Local Currency Unit</b>		

## IMPORT PRICES

## WHOLESALE PRICES

## CONSUMER PRICES

	Unit	Amount		Unit	Amount		Unit	Amount
<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>			<b>Coal and Coal Products</b>		
Coking Coal			Coking Coal			Coking Coal		
Anthracite	฿ / t	4,277.00	Anthracite			Anthracite		
Other bituminous coal	฿ / t	1,008.00	Other bituminous coal			Other bituminous coal		
Sub-bituminous Coal	฿ / t	1,819.00	Sub-bituminous Coal			Sub-bituminous Coal		
Lignite			Lignite			Lignite	฿ / t	606.72
Peat			Peat			Peat		
Patent Fuel			Patent Fuel			Patent Fuel		
Coke	฿ / t	12,492.00	Coke			Coke		
Coal Tar			Coal Tar			Coal Tar		
BKB/PB			BKB/PB			BKB/PB		
<b>Oil and Oil Products</b>			Gas Works Gas			Gas Works Gas		
Crude Oil	฿ / l	13.43	<b>Oil and Oil Products</b>			<b>Oil and Oil Products</b>		
Natural Gas Liquids			Crude Oil			Crude Oil		
Ethane			Natural Gas Liquids			Natural Gas Liquids		
LPG	฿ / kg	12.73	Ethane			Ethane		
Naphtha			LPG	฿ / kg	12.46	LPG	฿ / lt.	9.09
Motor Gasoline	฿ / l	16.17	Naphtha			Naphtha		
Aviation Gasoline			Motor Gasoline	฿ / l	22.79	Motor Gasoline (ULG 95)	฿ / l	23.90
Gasoline Type Jet Fuel			Aviation Gasoline			Aviation Gasoline	฿ / l	17.81
Kerosene Type Jet Fuel	฿ / l	16.90	Gasoline Type Jet Fuel			Gasoline Type Jet Fuel		
Other Kerosene			Kerosene Type Jet Fuel	฿ / l	22.13	Kerosene Type Jet Fuel	฿ / l	24.17
Gas/Diesel Oil	฿ / l	16.93	Other Kerosene			Other Kerosene		
Fuel Oil	฿ / l	11.08	Gas/Diesel Oil	฿ / l	18.79	Gas/Diesel Oil (HSD)	฿ / l	20.03
White Spirit SBP			Fuel Oil	฿ / l	11.67	Fuel Oil (1500)	฿ / l	15.09
Lubricants			White Spirit SBP			White Spirit SBP		
Bitumen			Lubricants			Lubricants		
Paraffin Waxes			Bitumen			Bitumen		
Petroleum Coke			Paraffin Waxes			Paraffin Waxes		
<b>Natural Gas</b>			Petroleum Coke			Petroleum Coke		
Natural Gas	฿ / scf	0.17	<b>Natural Gas</b>			<b>Natural Gas</b>		
Liquefied Natural Gas			Natural Gas			Natural Gas	฿ / MBTU	260.00
Compressed Natural Gas			Liquefied Natural Gas			Liquefied Natural Gas		
<b>Electricity</b>			Compressed Natural Gas			Compressed Natural Gas		
Electricity	฿ / kWh	1.63	<b>Electricity</b>			<b>Electricity*</b>		
<b>Other Energy Products</b>			Electricity	฿ / kWh	2.19	Industrial	฿ / kWh	2.64
			<b>Other Energy Products</b>			Commercial	฿ / kWh	2.73
						Residential	฿ / kWh	2.85
						Others	฿ / kWh	3.93
						<b>Other Energy Products</b>		
						Fuel Wood **	฿ / kg.	4.00
						Charcoal **	฿ / kg.	7.00
						Paddy Husk **	฿ / kg.	2.00
						Bagasse	฿ / t	400.00

Note:

\* Electricity exclude value Added Tax (VAT)

\*\* Renewable energy which are used for Residential Sector

## Original Table (Quarterly) of Thailand in 2006

Coal		Unit: 1000ton			
		Production	Imports	Exports	Stock Changes
2006	JAN.	1,712	679	-	NA
	FEB.	1,413	665	-	NA
	MAR.	1,592	965	-	NA
	<b>1st quarter</b>	4,717	2,309	-	NA
	APR.	1,492	684	-	NA
	MAY.	1,702	1,119	-	NA
	JUN.	1,758	1,091	-	NA
	<b>2nd quarter</b>	4,952	2,894	-	NA
	JUL.	1,643	553	-	NA
	AUG.	1,476	1,040	-	NA
	SEP.	1,793	1,130	-	NA
	<b>3rd quarter</b>	4,912	2,724	-	NA
	OCT.	1,538	1,111	-	NA
	NOV.	1,461	1,133	-	NA
	DEC.	1,476	1,045	-	NA
	<b>4th quarter</b>	4,475	3,289	-	NA
		19,056	11,216	-	NA

Oil		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	1,007	4,070	274	NA	372	803	NA
	FEB.	923	3,262	357	NA	348	693	NA
	MAR.	1,033	4,463	264	NA	471	642	NA
	<b>1st quarter</b>	2,964	11,796	895	NA	1,192	2,138	NA
	APR.	990	3,873	354	NA	475	721	NA
	MAY.	1,051	4,381	235	NA	361	696	NA
	JUN.	1,000	3,912	314	NA	268	625	NA
	<b>2nd quarter</b>	3,041	12,168	903	NA	1,106	2,043	NA
	JUL.	1,002	4,132	271	NA	371	1,018	NA
	AUG.	1,016	4,407	380	NA	306	1,022	NA
	SEP.	994	3,936	286	NA	301	1,022	NA
	<b>3rd quarter</b>	3,014	12,477	938	NA	979	3,064	NA
	OCT.	938	4,237	400	NA	273	798	NA
	NOV.	967	3,269	370	NA	160	904	NA
	DEC.	934	4,176	288	NA	296	920	NA
	<b>4th quarter</b>	2,839	11,682	1,058	NA	729	2,622	NA
		11,858	48,123	3,794	NA	4,006	9,867	NA

Original Table (Quarterly) of Thailand in 2006 (Continued)

Natural Gas ( or LNG)		Unit: MMscf.			
		Production	Imports	Exports	Stock Changes
2006	JAN.	72,708,020	21,454,283	-	-
	FEB.	65,978,640	21,473,677	-	-
	MAR.	74,266,250	28,814,666	-	-
	<b>1st quarter</b>	212,952,910	71,742,626	-	-
	APR.	69,281,100	25,210,324	-	-
	MAY.	72,718,250	29,226,794	-	-
	JUN.	71,340,300	28,219,139	-	-
	<b>2nd quarter</b>	213,339,650	82,656,257	-	-
	JUL.	73,108,850	27,470,170	-	-
	AUG.	72,588,360	28,674,190	-	-
	SEP.	70,927,200	27,391,429	-	-
	<b>3rd quarter</b>	216,624,410	83,535,789	-	-
	OCT.	72,672,060	26,864,764	-	-
	NOV.	72,159,300	27,963,395	-	-
	DEC.	71,014,800	24,562,322	-	-
	<b>4th quarter</b>	215,846,160	79,390,481	-	-
		858,763,130	317,325,153	-	-

Electricity		Unit: GWh					Imports	Exports
		Total	Thermal	Hydro	Nuclear	Others		
2006	JAN.	10,379	9,748	629	-	2	378	51
	FEB.	10,402	9,717	683	-	2	367	49
	MAR.	12,270	11,511	756	-	3	450	55
	<b>1st quarter</b>	33,052	30,975	2,069	-	8	1,194	155
	APR.	11,219	10,552	662	-	4	409	53
	MAY.	12,142	11,603	536	-	4	295	53
	JUN.	11,743	11,224	516	-	3	438	46
	<b>2nd quarter</b>	35,103	33,378	1,714	-	11	1,141	152
	JUL.	11,776	11,229	542	-	6	496	42
	AUG.	11,722	11,045	668	-	9	511	42
	SEP.	11,379	10,669	706	-	5	506	44
	<b>3rd quarter</b>	34,877	32,942	1,915	-	20	1,514	128
	OCT.	11,575	10,722	846	-	7	434	40
	NOV.	11,447	10,782	663	-	1	479	53
	DEC.	10,660	9,916	743	-	2	390	100
	<b>4th quarter</b>	33,681	31,420	2,252	-	9	1,303	194
		136,713	128,716	7,950	-	47	5,152	629

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.

## 3.20 United States of America

## Energy Balance Table of United States of America in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	564,062	-	330,030	1,691	1,691	-	-	-	-
<b>2 Import</b>	18,066	2,100	599,369	118,067	47,234	6,870	8,092	343	12,129
<b>3 Export</b>	-27,907	-4,040	-4,911	-52,505	-7,174	-	-2,746	-106	-7,058
<b>4 International Marine Bunkers</b>	-	-	-	-25,902	-	-	-	-	-6,971
<b>5 Stock Changes</b>	3,390	-156	-5,516	1,542	1,138	-32	-21	-17	-948
<b>6 Total Primary Energy Supply</b>	557,611	-2,096	918,973	42,892	42,889	6,838	5,325	220	-2,847
<b>7 Transfers</b>	-	-	-47,400	50,844	7,019	-	-	-	-
<b>8 Total Transformation Sector</b>	-521,636	7,874	-842,994	846,663	388,879	10,100	78,330	3,153	204,587
<b>8.1 Main Activity Producer</b>	-423,275	-76,486	-	-28,663	-	-	-91	-139	-2,739
<b>8.2 Autoproducers</b>	-4,465	-1,193	-	-1,240	-	-	-	-	-198
<b>8.3 Gas Processing</b>	-1,888	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-842,994	876,565	388,879	10,100	78,420	3,292	207,524
<b>8.5 Coal Transformation</b>	-92,008	85,553	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-165	-1,888	-	-51,232	-16	-	-	-	-128
<b>10. Discrepancy</b>	-11,592	90	-28,579	-8,121	-14,866	-1	-1	-	-515
<b>11 Total Final Energy Consumption</b>	24,219	3,980	-	881,045	423,905	16,937	83,654	3,373	201,096
<b>12 Industry Sector</b>	21,888	3,980	-	179,710	5,369	16,937	-	746	20,176
<b>13 Transport Sector</b>	-	-	-	638,998	414,163	-	83,654	-	140,397
<b>14 Other Sector</b>	2,330	-	-	62,337	4,373	-	-	2,627	40,523
<b>14.1 Residential &amp; Commercial</b>	1,903	-	-	45,965	1,110	-	-	2,562	28,714
<b>14.2 Agriculture</b>	428	-	-	16,372	3,264	-	-	65	11,809
<b>14.3 Other</b>	-	-	-	-	-	-	-	-	-
<b>15 Non-energy</b>	-	-	-	144,405	-	16,937	-	-	-

## Energy Balance Table of United States of America in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	553,051	-	345,542	1,412	1,412	-	-	-	-
<b>2 Import</b>	16,160	4,091	593,893	99,292	38,416	6,123	4,990	94	11,851
<b>3 Export</b>	-26,842	-3,465	-3,823	-48,287	-7,215	-	-1,992	-180	-5,688
<b>4 International Marine Bunkers</b>	-	-	-	-24,390	-	-	-	-	-7,661
<b>5 Stock Changes</b>	5,649	17	-7,262	-1,044	-1,224	85	-297	85	1,302
<b>6 Total Primary Energy Supply</b>	548,018	643	928,350	26,983	31,390	6,208	2,701	-1	-197
<b>7 Transfers</b>	-	-	-49,241	43,786	-3,226	-	-	-	-
<b>8 Total Transformation Sector</b>	-513,091	5,726	-847,270	848,967	388,735	12,054	78,249	3,310	197,636
<b>8.1 Main Activity Producer</b>	-420,322	-68,601	-	-28,163	-	-	-	-	-3,014
<b>8.2 Autoproducers</b>	-5,242	-1,111	-	-1,510	-	-	-	-	-402
<b>8.3 Gas Processing</b>	-1,743	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-847,270	878,640	388,735	12,054	78,249	3,310	201,052
<b>8.5 Coal Transformation</b>	-85,784	75,438	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-272	-2,147	-	-52,988	-19	-	-	-	-184
<b>10. Discrepancy</b>	-9,683	229	-31,839	11,042	5,706	1	-1	0	-282
<b>11 Total Final Energy Consumption</b>	24,972	4,451	-	877,790	422,586	18,263	80,949	3,308	196,974
<b>12 Industry Sector</b>	21,940	4,451	-	183,221	5,759	18,263	-	650	19,367
<b>13 Transport Sector</b>	-	-	-	629,536	412,377	-2	80,946	-	135,435
<b>14 Other Sector</b>	3,032	-	-	65,033	4,450	-	-	2,658	42,172
<b>14.1 Residential &amp; Commercial</b>	2,459	-	-	48,604	1,176	-	-	2,609	30,526
<b>14.2 Agriculture</b>	574	-	-	16,429	3,274	-	-	49	11,646
<b>14.3 Other</b>	-	-	-	-	-	-	-	-	-
<b>15 Non-energy</b>	-	-	-	148,870	-	18,263	2	-	-



Energy Balance Table of United States of America in 2005 (Continued)

												unit: ktoe
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	422,177	24,976	211,275	18,240	73,644	-	-	1,646,095
29,986	868	-	12	12,532	100,874	-	-	-	211	3,829	-	842,517
-13,703	-	-	-	-21,719	-16,694	-	-	-	-	-1,703	-	-107,761
-18,931	-	-	-	-	-	-	-	-	-	-	-	-25,902
1,543	-189	-	-226	294	1,417	-	-	-	-34	-	-	642
-1,106	679	-	-214	-8,893	507,773	24,976	211,275	18,240	73,821	2,126	-	2,355,591
-	32,213	-	15,880	-4,268	-	-	-	-	-	-	-	3,444
14,902	19,877	39,480	487	86,869	-153,459	-24,976	-211,275	-16,155	-29,604	358,425	8,625	-578,513
-20,144	-	-	-	-5,551	-136,890	-24,690	-211,275	-16,155	-12,657	344,111	8,625	-577,355
-647	-	-	-	-395	-17,766	-286	-	-	-9,101	14,314	-	-19,737
-	-	-	-	-	1,198	-	-	-	-	-	-	-690
35,693	19,877	39,480	487	92,815	-	-	-	-	-	-	-	33,571
-	-	-	-	-	-	-	-	-	-	-	-	-6,455
-	-	-	-	-	-	-	-	-	-7,847	-	-	-7,847
-355	-681	-37,750	-10	-12,291	-41,879	-	-	-	-	-43,497	-5,365	-144,026
-1,062	-1	-0	-	8,325	10,000	-	-	-0	0	2,895	-0	-35,307
12,379	52,086	1,730	16,143	69,741	322,435	-	-	2,085	44,217	319,949	3,260	1,601,190
-31,189	38,657	-14,414	-53,415	68,161	110,041	-	-	108	31,920	79,449	2,576	429,673
147	454	-	-183	183	14,167	-	-	-	-	646	-	653,810
3,567	11,246	-	-	-	183,435	-	-	1,977	12,296	239,855	684	502,914
3,567	10,012	-	-	-	183,435	-	-	1,977	12,053	226,550	684	472,567
-	1,234	-	-	-	-	-	-	-	189	-	-	16,988
-	-	-	-	-	-	-	-	-	55	13,304	-	13,359
-	39,854	1,730	16,143	69,741	14,792	-	-	-	-	-	-	159,197

Energy Balance Table of United States of America in 2004 (Continued)

												unit: ktoe
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total
-	-	-	-	-	433,402	25,619	211,956	16,757	72,304	-	-	1,660,044
25,059	715	-	9	12,035	99,100	-	-	-	231	2,942	-	815,708
-11,474	-	-	-	-21,739	-19,556	-	-	-	-	-1,969	-	-103,942
-16,729	-	-	-	-	-	-	-	-	-	-	-	-24,390
-612	-315	-	-149	81	-3,109	-	-	-	59	-	-	-5,689
-3,756	400	-	-140	-9,622	509,837	25,619	211,956	16,757	72,594	973	-	2,341,730
-	33,121	-	16,839	-2,949	-	-	-	-	-	-	-	-5,455
16,434	21,204	40,972	554	89,819	-145,019	-25,619	-211,956	-14,742	-30,203	359,006	5,639	-568,561
-20,209	-	-	-	-4,940	-127,136	-25,327	-211,956	-14,742	-12,593	344,558	5,639	-558,644
-716	-	-	-	-392	-18,986	-291	-	-	-10,733	14,448	-	-23,425
-	-	-	-	-	1,103	-	-	-	-	-	-	-640
37,359	21,204	40,972	554	95,151	-	-	-	-	-	-	-	31,370
-	-	-	-	-	-	-	-	-	-	-	-	-10,346
-	-	-	-	-	-	-	-	-	-6,877	-	-	-6,877
-369	-560	-39,382	-9	-12,464	-41,294	-	-	-	-	-51,894	-2,558	-151,153
85	14	1	1	5,516	10,501	-0	-	-0	-0	3,270	-	-16,481
12,396	54,179	1,592	17,245	70,299	334,024	-	-	2,015	42,392	311,354	3,081	1,600,080
-33,269	40,447	-15,653	-52,861	68,964	119,124	-	-	96	30,385	79,318	2,435	440,969
156	427	-	-193	193	13,666	-	-	-	-	621	-	643,823
4,039	11,714	-	-	-	185,221	-	-	1,919	12,007	231,415	647	499,274
4,039	10,254	-	-	-	185,221	-	-	1,919	11,923	216,927	647	467,699
-	1,460	-	-	-	-	-	-	-	33	-	-	17,036
-	-	-	-	-	-	-	-	-	51	14,488	-	14,539
-	41,470	1,592	17,245	70,299	16,014	-	-	-	-	-	-	164,885

## Major Energy Indicators of United States of America

	1980	1985	1987	1988	1989	1990	1991	1992	1993
<b>Total</b>									
Primary Energy Supply	1,748,648	1,695,539	1,769,109	1,849,109	1,874,994	1,928,057	1,943,976	1,982,471	2,027,119
Indigenous Production	1,481,448	1,488,872	1,497,002	1,529,371	1,522,808	1,650,883	1,641,039	1,645,722	1,604,857
Import	376,915	281,249	367,850	412,762	447,910	452,637	440,696	471,266	515,506
Export	-88,326	-100,219	-91,150	-104,438	-111,569	-109,190	-117,011	-113,108	-95,441
Final Energy Consumption	1,434,285	1,344,865	1,397,783	1,461,536	1,476,794	1,305,573	1,306,102	1,313,361	1,340,203
Industry	594,201	510,870	523,288	546,521	549,767	395,011	394,299	388,861	393,241
Transport	470,315	479,219	512,118	532,446	538,492	506,729	497,225	508,196	520,263
Residential & Commercial	356,887	352,692	360,844	381,080	387,151	369,680	377,993	380,480	411,224
Agriculture	-	-	-	-	-	14,587	14,555	15,880	15,104
<b>Coal, Coal Products</b>									
Primary Energy Supply	371,742	420,402	430,511	451,331	457,107	458,370	452,916	458,765	474,644
Indigenous Production	445,217	462,644	482,191	496,446	511,002	539,215	518,259	518,132	487,950
Import	1,105	1,512	1,593	2,873	3,079	2,075	2,683	3,315	5,169
Export	-59,177	-59,036	-50,446	-60,476	-63,783	-66,909	-68,986	-64,820	-46,651
Transformation Sector	-305,433	-357,410	-370,837	-389,224	-391,911	-406,675	-405,728	-431,294	-450,830
Power Generation	-290,071	-348,402	-362,743	-379,535	-382,572	-391,382	-390,827	-415,589	-436,587
Final Energy Consumption	113,084	87,668	84,282	89,539	87,390	53,147	51,219	29,977	29,482
Industry	100,038	83,451	80,408	85,515	83,898	43,600	41,790	26,993	26,492
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	3,482	4,217	3,874	4,023	3,492	3,855	4,308	2,985	2,990
Agriculture	-	-	-	-	-	-	-	-	-
<b>Crude Oil</b>									
Primary Energy Supply	741,462	660,377	703,367	724,268	727,351	783,541	773,870	786,584	812,208
Indigenous Production	490,831	508,322	476,162	467,758	437,509	432,545	431,741	425,877	413,134
Import	268,423	165,089	241,433	264,452	301,867	351,037	340,881	363,387	403,604
Export	-14,570	-10,415	-7,711	-7,961	-7,424	-2,100	-1,608	-1,955	-1,748
Transformation Sector	-701,883	-654,690	-696,757	-718,765	-725,380	-756,187	-742,182	-757,599	-769,913
Petroleum Refineries	-701,883	-654,690	-696,757	-718,765	-725,380	-756,187	-742,182	-757,599	-769,913
<b>Petroleum Products</b>									
Primary Energy Supply	66,318	66,982	70,892	80,296	78,717	-13,308	-19,319	-16,341	-20,274
Import	82,411	89,121	97,849	112,698	109,262	62,420	53,699	52,352	48,983
Export	-13,107	-29,075	-31,249	-33,693	-36,592	-36,440	-42,686	-40,578	-42,896
Transformation Sector	652,021	639,590	677,406	690,866	692,891	727,898	721,439	735,574	750,960
Power Generation	-62,925	-25,939	-29,839	-37,133	-39,972	-27,257	-27,059	-21,844	-24,163
Petroleum Refineries	714,946	665,529	707,244	728,000	732,863	755,156	748,498	757,418	775,123
Final Energy Consumption	759,089	715,868	758,716	783,753	780,782	697,782	683,685	701,791	713,911
Industry	228,529	186,609	195,440	202,058	195,286	144,026	140,388	144,701	144,969
Transport	455,308	467,112	499,655	517,776	523,433	490,960	482,806	494,097	505,353
Residential & Commercial	72,669	60,386	62,087	62,431	60,679	48,209	45,936	47,114	48,485
Agriculture	-	-	-	-	-	14,587	14,555	15,880	15,104
<b>Natural Gas</b>									
Primary Energy Supply	473,432	411,471	410,349	424,453	441,357	438,370	458,526	467,616	480,671
Indigenous Production	451,504	385,115	388,640	399,136	404,776	418,210	414,972	418,303	423,125
Import	22,826	21,583	22,488	29,402	31,458	35,170	40,783	49,013	54,369
Export	-1,120	-1,267	-1,239	-1,700	-2,470	-1,976	-2,996	-4,994	-3,230
Transformation Sector	-86,421	-71,663	-66,567	-61,449	-65,106	-88,608	-100,320	-107,429	-108,484
Power Generation	-86,421	-71,663	-66,567	-61,449	-65,106	-89,762	-101,445	-108,678	-109,654
Final Energy Consumption	376,869	333,225	335,944	359,260	374,456	303,077	300,475	303,881	318,316
Industry	190,395	160,580	166,087	174,549	184,406	123,807	116,074	114,917	121,456
Transport	14,739	11,780	12,140	14,327	14,715	15,414	14,069	13,755	14,578
Residential & Commercial	171,000	160,543	157,717	170,384	175,335	163,855	170,332	175,210	182,282
Agriculture	-	-	-	-	-	-	-	-	-
<b>Electricity</b>									
Power Generation	196,478	212,238	221,028	232,382	239,261	276,801	281,722	283,035	293,370
Thermal	107,327	88,101	80,942	75,912	78,551	92,571	85,902	88,450	98,702
Hydro	23,719	24,160	21,457	19,158	22,777	24,851	26,587	23,640	26,063
Nuclear	65,433	99,978	118,629	137,312	137,933	159,380	169,233	170,946	168,605
Final Energy Consumption	180,358	200,093	211,554	221,940	227,851	226,487	238,472	238,689	247,080
Industry	70,353	72,219	74,065	77,355	79,862	74,523	82,346	84,693	85,031
Transport	268	327	323	343	343	355	351	344	332
Residential & Commercial	109,736	127,546	137,166	144,242	147,645	151,610	155,775	153,652	161,718
Agriculture	-	-	-	-	-	-	-	-	-

Major Energy Indicators of United States of America (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
2,069,086	2,095,113	2,145,096	2,169,637	2,189,039	2,247,388	2,311,956	2,266,215	2,300,997	2,295,093	2,341,730	2,355,591
1,669,016	1,668,844	1,691,302	1,690,746	1,704,632	1,686,308	1,683,962	1,706,170	1,678,284	1,647,061	1,660,044	1,646,095
541,501	536,095	574,462	613,627	643,860	660,654	701,885	731,940	714,609	756,099	815,708	842,517
-90,439	-100,101	-105,438	-105,530	-100,191	-86,723	-93,527	-85,997	-84,900	-93,682	-103,942	-107,761
1,371,269	1,393,196	1,437,326	1,456,748	1,455,769	1,509,691	1,566,046	1,538,406	1,554,837	1,571,131	1,600,080	1,601,190
404,610	404,897	415,731	430,950	428,786	453,071	476,268	454,667	450,964	438,568	456,983	444,466
539,328	550,924	563,333	574,288	587,809	605,152	616,272	615,204	624,072	633,526	643,823	653,810
411,550	421,582	442,073	435,129	424,063	436,751	457,728	452,199	449,991	470,939	467,699	472,567
15,389	15,387	15,775	15,954	14,670	13,473	14,281	15,692	15,513	13,579	17,036	16,988
480,597	478,067	501,002	515,878	517,984	521,320	543,593	534,783	541,568	530,524	548,661	555,515
535,641	531,553	547,154	561,950	574,127	560,524	544,849	574,156	554,470	525,479	553,051	564,062
5,345	5,222	6,489	6,112	7,290	7,209	9,647	13,587	12,359	16,555	20,250	20,166
-44,519	-54,748	-56,104	-52,232	-49,757	-36,047	-36,634	-28,604	-23,847	-25,513	-30,306	-31,947
-453,311	-455,267	-478,400	-490,013	-497,235	-496,297	-517,575	-502,165	-502,188	-506,918	-507,365	-513,762
-436,712	-437,944	-461,800	-472,931	-481,384	-480,733	-501,855	-487,953	-489,199	-494,053	-495,276	-505,419
28,357	26,984	26,742	28,356	27,971	29,343	29,186	29,951	27,444	28,224	29,423	28,199
25,473	24,184	23,487	24,557	25,280	26,626	26,918	27,516	24,958	25,894	26,391	25,868
-	-	-	-	-	-	-	-	-	-	-	-
2,884	2,800	3,254	3,799	2,691	2,717	2,267	2,435	2,229	1,968	2,459	1,903
-	-	-	-	-	-	-	-	256	361	574	428
819,133	822,160	842,464	869,864	875,716	869,859	890,039	899,361	887,560	907,524	928,350	918,973
403,947	400,344	398,289	396,852	385,699	369,074	368,593	365,497	363,752	355,898	345,542	330,030
419,306	419,075	443,731	481,297	502,063	504,487	524,256	541,010	528,862	560,055	593,893	599,369
-2,062	-2,274	-4,987	-7,399	-8,528	-8,772	-6,151	-3,335	-3,592	-3,466	-3,823	-4,911
-775,452	-780,074	-794,443	-814,143	-824,500	-823,832	-834,527	-832,441	-825,253	-836,791	-847,270	-842,994
-775,452	-780,074	-794,443	-814,143	-824,500	-823,832	-834,527	-832,441	-825,253	-836,791	-847,270	-842,994
-10,797	-14,932	-9,975	-14,312	-5,382	15,676	7,171	10,865	19,517	20,576	26,983	42,892
51,516	41,955	54,035	53,029	57,958	62,151	76,012	81,689	77,173	85,209	99,292	118,067
-39,496	-38,758	-40,204	-41,526	-37,164	-36,938	-43,905	-44,088	-44,490	-47,089	-48,287	-52,505
757,737	769,552	786,541	795,168	798,122	799,987	821,209	817,864	822,010	830,248	848,967	846,663
-22,264	-15,150	-16,945	-26,696	-37,380	-34,815	-29,530	-29,110	-21,816	-29,354	-29,673	-29,903
780,001	784,702	803,487	821,864	835,503	834,801	850,739	846,974	843,826	859,601	878,640	876,565
738,216	743,477	766,573	773,975	779,920	804,313	819,729	828,673	836,357	846,274	877,790	881,045
153,099	148,054	156,305	155,672	150,674	156,640	155,643	163,858	167,804	165,741	183,221	179,710
522,968	534,201	546,355	556,341	572,470	589,617	600,710	599,897	607,824	618,681	629,536	638,998
46,760	45,835	48,138	46,007	42,106	44,583	49,095	49,226	45,669	48,784	48,604	45,965
15,389	15,387	15,775	15,954	14,670	13,473	14,281	15,692	15,061	13,068	16,429	16,372
490,720	507,382	503,179	506,925	498,975	523,921	547,851	514,398	534,853	518,725	509,837	507,773
440,233	434,578	439,058	441,091	442,457	439,771	446,947	458,252	441,291	447,009	433,402	422,177
60,819	65,790	68,087	69,481	73,147	83,084	87,781	92,318	93,061	91,650	99,100	100,874
-3,709	-3,534	-3,517	-3,601	-3,646	-3,744	-5,574	-8,553	-11,804	-15,553	-19,556	-16,694
-118,459	-127,375	-122,184	-131,140	-140,455	-146,994	-135,773	-138,501	-146,576	-134,520	-145,019	-153,459
-119,670	-128,613	-123,484	-132,377	-141,734	-148,233	-136,917	-139,690	-147,815	-135,763	-146,122	-154,656
319,798	326,450	340,852	349,098	330,696	329,859	359,988	335,147	344,327	342,329	334,024	322,435
123,252	126,299	128,560	140,619	139,877	133,569	155,348	138,821	141,724	135,469	135,138	124,833
16,020	16,391	16,640	17,590	14,979	15,164	15,182	14,912	15,883	14,259	13,666	14,167
180,527	183,759	195,653	190,889	175,840	181,127	189,458	181,415	186,720	192,600	185,221	183,435
-	-	-	-	-	-	-	-	-	-	-	-
298,715	308,062	316,224	318,005	329,422	335,173	348,514	332,398	348,374	351,006	359,006	358,425
97,333	92,988	97,443	113,504	115,622	108,085	116,550	107,379	113,626	119,408	121,431	122,174
24,456	29,056	32,396	30,847	27,699	25,954	24,079	18,467	25,091	26,292	25,619	24,976
176,927	186,018	186,384	173,654	186,101	201,134	207,885	206,553	209,658	205,305	211,956	211,275
254,238	261,610	269,006	272,981	282,194	289,797	300,939	297,203	304,267	306,798	311,354	319,949
88,552	89,559	91,205	91,769	93,013	95,964	98,222	90,325	85,817	78,928	79,318	79,449
341	331	339	357	359	371	380	395	365	586	621	646
165,345	171,720	177,462	180,854	188,822	193,462	202,337	206,483	203,792	212,811	216,927	226,550
-	-	-	-	-	-	-	-	-	-	-	-

## Major Economic Indicators of United States of America

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	227.23	237.92	242.29	244.50	246.82	249.62	252.98	256.51
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	5,128.00	6,011.00	6,425.10	6,690.00	6,926.30	7,055.00	7,041.30	7,276.20
Real Term (Billions of 2000 Price and 2000 PPP)	5,128.00	6,011.00	6,425.10	6,690.00	6,926.30	7,055.00	7,041.30	7,276.20
Nominal (Billions of Current USD)	2,768.90	4,187.50	4,702.10	5,063.90	5,441.70	5,757.20	5,946.90	6,286.80
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	22,568	25,264	26,518	27,362	28,062	28,263	27,833	28,366
Real Term (2000 Price and 2000 PPP)	22,568	25,264	26,518	27,362	28,062	28,263	27,833	28,366
Nominal (Current USD)	12,186	17,600	19,407	20,711	22,047	23,064	23,507	24,509
Nominal GDP & its Components (Billions of Current USD) *1								
Gross Domestic Product	2,768.90	4,187.50	4,702.10	5,063.90	5,441.70	5,757.20	5,946.90	6,286.80
Household Final Consumption Expenditure, etc.	1,757.10	2,720.30	3,100.20	3,353.60	3,598.50	3,839.90	3,986.10	4,235.30
General Government Final Consumption Expenditure	463.80	733.10	835.00	873.20	915.00	978.80	1,022.20	1,052.40
Gross Fixed Capital Formation	565.20	824.10	884.50	935.80	989.10	1,003.40	966.60	1,016.50
Stock Change	-4.30	25.30	27.40	11.70	27.20	13.10	-0.50	15.90
Exports of Goods and Services	280.80	302.00	363.90	444.10	503.30	552.40	596.80	635.30
Imports of Goods and Services	293.80	417.20	509.10	554.50	591.50	630.30	624.30	668.60
Real GDP & its Components (Billions of 2000 USD) *1								
Gross Domestic Product	5,128.00	6,011.00	6,425.10	6,690.00	6,926.30	7,055.00	7,041.30	7,276.20
Household Final Consumption Expenditure, etc.	3,374.10	4,064.00	4,369.80	4,546.90	4,675.00	4,770.30	4,778.40	4,934.80
General Government Final Consumption Expenditure	957.10	1,128.10	1,224.30	1,244.70	1,261.80	1,293.80	1,302.50	1,303.90
Gross Fixed Capital Formation	785.60	1,007.00	1,038.50	1,055.30	1,102.20	1,081.40	1,012.30	1,084.40
Stock Change	-6.50	25.80	29.40	14.70	28.20	14.40	-0.80	16.30
Exports of Goods and Services	323.50	328.30	391.80	454.60	506.80	552.50	589.10	629.70
Imports of Goods and Services	310.90	469.80	540.20	561.40	586.00	607.10	603.70	645.60
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	1.0	1.2	1.1	1.0	1.0	1.0	1.0	1.1
Industry	25.4	23.9	23.7	24.4	23.5	22.9	22.0	21.5
Services, etc.	71.7	70.5	69.9	70.2	70.0	70.2	70.7	70.1
Industrial Production Index (2000=100) *2	53.9	58.7	62.3	65.4	65.9	66.5	65.5	67.4
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	225.566	218.815	254.122	322.427	363.812	393.592	421.730	448.163
Imports, c.i.f.	256.984	352.463	424.442	459.542	492.922	516.987	508.363	553.923
Balance of Payments (Billions of Current USD) *2								
Trade Balance	-25.510	-122.180	-159.239	-126.609	-117.040	-110.270	-75.700	-95.127
Current Account	2.150	-124.470	-160.653	-121.253	-99.500	-78.960	2.841	-50.070
Overall Balance	6.990	3.835	-9.147	3.915	25.288	2.233	-5.759	-3.927
Foreign Exchange Rate (USD/USD) *1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Purchasing Power Parity (USD/International Dollar) *1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Price Indices								
GDP Deflator (2000=100) *3	54.0	69.7	73.2	75.7	78.6	81.6	84.5	86.4
Wholesale Price Index (2000=100) *2	67.7	77.7	77.5	80.6	84.6	87.6	87.8	88.3
Consumer Price Index (2000=100) *2	47.9	62.5	66.0	68.7	72.0	75.9	79.1	81.5
Growth Rate (%) *3								
Real GDP	-0.24	4.10	3.34	4.12	3.53	1.86	-0.19	3.34
Population	0.96	0.89	0.90	0.91	0.95	1.14	1.35	1.40
Price								
Wholesale Price Index	14.1	-0.5	2.6	4.0	5.0	3.6	0.2	0.6
Consumer Price Index	13.5	3.6	3.7	4.0	4.8	5.4	4.2	3.0

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of United States of America (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
259.92	263.13	266.28	269.39	272.66	275.85	279.04	282.22	285.32	288.37	290.81	293.66	296.41
7,472.00	7,775.50	7,972.80	8,271.40	8,647.60	9,012.50	9,417.10	9,764.80	9,838.90	9,997.60	10,269.30	10,703.90	11,046.43
7,472.00	7,775.50	7,972.80	8,271.40	8,647.60	9,012.50	9,417.10	9,764.80	9,838.90	9,997.60	10,269.30	10,703.90	11,046.43
6,604.30	7,017.50	7,342.30	7,762.30	8,250.90	8,694.60	9,216.20	9,764.80	10,075.90	10,417.60	10,918.50	11,679.20	12,416.51
28,747	29,550	29,942	30,704	31,716	32,671	33,748	34,599	34,484	34,669	35,313	36,451	37,267
28,747	29,550	29,942	30,704	31,716	32,671	33,748	34,599	34,484	34,669	35,313	36,451	37,267
25,409	26,670	27,574	28,814	30,261	31,519	33,028	34,599	35,315	36,126	37,545	39,772	41,890
6,604.30	7,017.50	7,342.30	7,762.30	8,250.90	8,694.60	9,216.20	9,764.80	10,075.90	10,417.60	10,918.50	11,679.20	12,416.51
4,477.90	4,743.30	4,975.80	5,256.80	5,547.40	5,879.50	6,282.50	6,739.40	7,055.00	7,350.70	7,709.90	8,214.30	N.A.
1,068.40	1,096.50	1,125.30	1,161.00	1,199.50	1,239.40	1,319.90	1,404.10	1,489.10	1,608.40	1,731.70	1,844.60	N.A.
1,102.10	1,208.00	1,301.60	1,410.70	1,533.70	1,664.70	1,807.10	1,944.20	1,929.60	1,869.70	1,961.30	2,188.70	N.A.
20.80	63.40	30.90	30.00	71.90	70.90	67.20	56.50	-30.70	13.20	16.50	55.60	N.A.
655.80	720.90	812.20	868.60	955.30	955.90	991.20	1,096.30	1,032.80	1,005.90	1,045.60	1,173.80	N.A.
720.90	814.50	903.60	964.80	1,056.90	1,115.90	1,251.70	1,475.80	1,399.80	1,430.30	1,546.50	1,797.80	N.A.
7,472.00	7,775.50	7,972.80	8,271.40	8,647.60	9,012.50	9,417.10	9,764.80	9,838.90	9,997.60	10,269.30	10,703.90	11,046.43
5,099.80	5,290.70	5,433.50	5,619.40	5,831.80	6,125.80	6,438.60	6,739.40	6,910.30	7,099.30	7,306.60	7,588.60	N.A.
1,290.50	1,290.00	1,288.90	1,294.90	1,311.30	1,333.50	1,378.00	1,404.10	1,449.10	1,516.00	1,565.40	1,604.60	N.A.
1,163.60	1,297.70	1,341.50	1,450.20	1,618.30	1,764.10	1,901.00	2,000.70	1,877.30	1,849.20	1,910.20	2,102.60	N.A.
20.90	63.40	29.80	27.80	71.10	72.70	69.20	56.50	-30.60	14.20	16.70	52.20	N.A.
650.00	706.50	778.20	843.40	943.70	966.50	1,008.20	1,096.30	1,036.70	1,013.30	1,031.20	1,117.90	N.A.
702.10	785.90	849.10	923.00	1,048.30	1,170.30	1,304.40	1,475.80	1,435.80	1,484.60	1,552.60	1,719.20	N.A.
1.0	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.0	N.A.
21.6	22.1	22.7	22.5	22.4	22.4	22.4	22.5	21.4	21.3	21.0	21.1	N.A.
69.5	68.4	68.6	68.7	69.0	69.7	69.7	69.5	70.8	70.7	70.8	71.0	N.A.
69.6	73.4	77.0	80.3	86.1	91.3	95.7	100.0	96.5	96.5	97.6	100.0	103.2
464.773	512.627	584.743	625.073	689.182	682.138	695.797	781.918	729.100	693.103	724.771	818.775	904.383
603.438	689.215	770.852	822.025	899.020	944.353	1,059.440	1,259.300	1,179.180	1,200.230	1,303.050	1,525.516	1,732.348
-130.551	-163.781	-172.330	-189.100	-196.164	-244.736	-343.716	-449.785	-424.085	-478.807	-544.050	-661.950	-778.943
-84.783	-121.642	-113.561	-124.727	-140.400	-213.503	-299.846	-415.148	-388.958	-472.443	-527.514	-665.288	-791.509
1.376	-5.350	9.747	-6.667	1.012	6.731	-8.727	0.295	4.927	3.693	-1.529	-2.804	-14.100
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
88.4	90.3	92.1	93.8	95.4	96.5	97.9	100.0	102.4	104.2	106.3	109.1	112.4
89.6	90.8	94.0	96.2	96.1	93.8	94.5	100.0	101.1	98.8	104.1	110.5	118.6
83.9	86.1	88.5	91.1	93.2	94.7	96.7	100.0	104.4	104.5	106.8	109.7	113.4
2.69	4.06	2.54	3.75	4.55	4.22	4.49	3.69	0.76	1.61	2.72	4.23	3.20
1.33	1.23	1.20	1.17	1.21	1.17	1.15	1.14	1.10	1.07	0.85	0.98	0.94
1.5	1.3	3.6	2.3	-0.1	-2.5	0.8	5.8	1.1	-2.3	5.3	6.2	7.3
3.0	2.6	2.8	2.9	2.3	1.6	2.2	3.4	2.8	1.6	2.3	2.7	3.4

## Original Table (Quarterly) of United States of America in 2006

Coal		Unit: Thousand Short Tons			
		Production	Imports	Exports	Stock Changes
2006	JAN.	98,528	3,031	4,187	1,858
	FEB.	88,951	2,715	2,656	1,902
	MAR.	101,391	3,211	3,817	6,518
	<b>1st quarter</b>	288,870	8,958	10,659	10,278
	APR.	95,569	3,030	3,481	15,497
	MAY.	100,036	2,742	4,736	6,066
	JUN.	97,361	2,185	4,373	2,889
	<b>2nd quarter</b>	292,965	7,956	12,590	24,452
	JUL.	94,706	3,181	3,331	-4,895
	AUG.	100,335	3,849	5,093	-6,727
	SEP.	93,856	3,370	5,115	239
	<b>3rd quarter</b>	288,896	10,399	13,540	-11,383
	OCT.	98,377	3,214	3,908	9,456
	NOV.	96,124	2,630	4,768	7,379
	DEC.	95,679	3,089	4,182	-316
	<b>4th quarter</b>	290,180	8,933	12,858	16,519
		1,160,912	36,246	49,647	39,866

Oil		Unit: 1,000bbl						
		Crude Oil				Petroleum Products		
		Production	Imports	Exports	Stock Change	Imports	Exports	Stock Changes
2006	JAN.	156,450	301,113	849	-480	119,744	32,254	21,585
	FEB.	141,357	277,104	415	19,081	95,859	35,989	-11,622
	MAR.	155,481	304,670	903	2,050	94,826	35,541	-34,807
	<b>1st quarter</b>	453,288	882,887	2,167	20,651	310,429	103,783	-24,844
	APR.	152,012	294,953	794	7,099	105,848	41,465	2,156
	MAY.	158,115	317,672	829	-6,280	123,239	41,362	29,336
	JUN.	156,576	320,429	987	-5,159	103,874	39,287	10,795
	<b>2nd quarter</b>	466,702	933,054	2,610	-4,340	332,961	122,113	42,287
	JUL.	160,307	314,747	414	-5,204	114,209	42,885	20,788
	AUG.	159,808	326,640	472	153	126,340	39,158	19,021
	SEP.	155,632	321,103	631	1,388	110,150	46,905	20,518
	<b>3rd quarter</b>	475,747	962,490	1,517	-3,663	350,699	128,948	60,327
	OCT.	161,035	314,081	1,152	4,665	98,971	45,989	-24,429
	NOV.	154,457	295,099	714	-4,264	93,563	40,909	-16,507
	DEC.	163,523	297,104	839	-22,408	96,931	35,919	-2,470
	<b>4th quarter</b>	479,016	906,284	2,705	-22,007	289,465	122,817	-43,406
		1,874,753	3,684,715	8,999	-9,359	1,283,554	477,662	34,364

Original Table (Quarterly) of United States of America in 2006 (Continued)

Natural Gas ( or LNG)		Unit: Billion Cubit Feet			
		Production	Imports	Exports	Stock Changes
2006	JAN.	1,574	362	56	264
	FEB.	1,414	323	59	485
	MAR.	1,581	350	65	200
	<b>1st quarter</b>	4,570	1,035	180	949
	APR.	1,539	336	45	-254
	MAY.	1,596	353	63	-368
	JUN.	1,558	350	66	-311
	<b>2nd quarter</b>	4,693	1,039	173	-933
	JUL.	1,613	362	54	-161
	AUG.	1,542	357	55	-189
	SEP.	1,497	319	50	-357
	<b>3rd quarter</b>	4,652	1,039	160	-707
	OCT.	1,598	326	66	-131
	NOV.	1,522	316	80	47
	DEC.	1,610	351	79	343
	<b>4th quarter</b>	4,730	994	226	260
		18,646	4,107	738	-431

Electricity		Unit: GWh					Imports	Exports
		Total	Thermal	Hydro	Nuclear	Others		
2006	JAN.	327,352	218,731	27,047	71,912	9,663	3,879	2,436
	FEB.	306,697	211,218	24,460	62,616	8,403	3,415	1,840
	MAR.	317,706	220,225	24,268	63,721	9,491	3,702	2,045
	<b>1st quarter</b>	951,755	650,175	75,775	198,248	27,558	10,996	6,321
	APR.	296,404	201,901	27,814	57,567	9,122	3,405	2,001
	MAY.	329,472	227,400	29,995	62,776	9,301	3,719	2,265
	JUN.	362,837	256,677	28,806	68,391	8,963	3,776	2,357
	<b>2nd quarter</b>	988,713	685,978	86,615	188,734	27,386	10,900	6,623
	JUL.	409,346	303,649	24,171	72,186	9,340	4,714	1,646
	AUG.	406,205	305,076	20,080	72,016	9,033	4,672	1,596
	SEP.	331,387	239,411	16,517	66,642	8,816	2,180	2,179
	<b>3rd quarter</b>	1,146,938	848,136	60,768	210,845	27,189	11,566	5,421
	OCT.	321,106	237,413	16,760	57,509	9,424	2,664	2,311
	NOV.	308,841	217,912	20,293	61,392	9,244	2,629	2,496
	DEC.	335,614	234,382	21,187	70,490	9,556	3,598	1,502
	<b>4th quarter</b>	965,561	689,706	58,239	189,391	28,225	8,891	6,309
		4,052,968	2,873,995	281,397	787,219	110,358	42,353	24,674

Note: ton=Metric ton.

bbl=Barrel.

kL=killoliter.

CF=Cubic feet.

CM=Cubic meter.

GWh=Gigawatt hour.

Gross Generation is the sum of the electrical energy production by all the generating sets (including pumped storage).

Consumption for Electricity exclude Own Use and Loss.





## 3.21 Viet Nam

## Energy Balance Table of Viet Nam in 2005

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	18,961	-	18,864	643	300	-	-	-	-
<b>2 Import</b>	-	-	-	12,110	2,773	-	561	343	5,388
<b>3 Export</b>	-10,073	-	-18,833	-	-	-	-	-	-
<b>4 International Marine Bunkers</b>	-	-	-	-	-	-	-	-	-
<b>5 Stock Changes</b>	368	-	-	-	-	-	-	-	-
<b>6 Total Primary Energy Supply</b>	9,256	-	31	12,753	3,073	-	561	343	5,388
<b>7 Transfers</b>	-	-	-	-	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-2,661	-	-	-1,082	-	-	-	-	-165
<b>8.1 Main Activity Producer</b>	-2,661	-	-	-764	-	-	-	-	-165
<b>8.2 Autoproducers</b>	-	-	-	-318	-	-	-	-	-
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-	-	-	-	-	-	-
<b>8.5 Coal Transformation</b>	-	-	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-	-	-	-	-	-	-	-
<b>10. Discrepancy</b>	-464	-	-31	-118	-300	-	-	-0	3
<b>11 Total Final Energy Consumption</b>	6,132	-	-	11,553	2,773	-	561	343	5,226
<b>12 Industry Sector</b>	4,761	-	-	2,745	-	-	-	10	1,078
<b>13 Transport Sector</b>	-	-	-	6,814	2,654	-	561	-	3,339
<b>14 Other Sector</b>	1,371	-	-	1,994	119	-	-	334	809
<b>14.1 Residential &amp; Commercial</b>	1,350	-	-	1,486	-	-	-	334	435
<b>14.2 Agriculture</b>	21	-	-	508	119	-	-	-	374
<b>14.3 Other</b>	-	-	-	-	-	-	-	-	-
<b>15 Non-energy</b>	-	-	-	-	-	-	-	-	-

Note: Above Energy Balance Table were estimated by CA.

## Energy Balance Table of Viet Nam in 2004

	1	2	3	4	4.1	4.2	4.3	4.4	4.5
	Coal	Coal Products	Crude Oil & NGL	Petroleum Products	Mogas	Naphtha	Jet Fuel	Kerosene	Diesel Oil
<b>1 Indigenous Production</b>	14,550	-	20,940	-	-	-	-	-	-
<b>2 Import</b>	-	-	-	11,103	2,598	-	417	352	5,284
<b>3 Export</b>	-6,190	-	-19,852	-1,472	-322	-	-148	-12	-940
<b>4 International Marine Bunkers</b>	-	-	-	-	-	-	-	-	-
<b>5 Stock Changes</b>	-431	-	-560	-	-	-	-	-	-
<b>6 Total Primary Energy Supply</b>	7,928	-	528	9,631	2,276	-	269	340	4,344
<b>7 Transfers</b>	-	-	-528	501	-	-	-	-	-
<b>8 Total Transformation Sector</b>	-1,594	-	-	-447	-	-	-	-	-83
<b>8.1 Main Activity Producer</b>	-1,594	-	-	-447	-	-	-	-	-83
<b>8.2 Autoproducers</b>	-	-	-	-	-	-	-	-	-
<b>8.3 Gas Processing</b>	-	-	-	-	-	-	-	-	-
<b>8.4 Petroleum Refineries</b>	-	-	-	-	-	-	-	-	-
<b>8.5 Coal Transformation</b>	-	-	-	-	-	-	-	-	-
<b>8.6 Other Transformation</b>	-	-	-	-	-	-	-	-	-
<b>9. Loss &amp; Own Use</b>	-	-	-	-	-	-	-	-	-
<b>10. Discrepancy</b>	-0	-	0	0	1	-	0	-0	-1
<b>11 Total Final Energy Consumption</b>	6,334	-	-	9,684	2,277	-	269	340	4,260
<b>12 Industry Sector</b>	4,516	-	-	2,134	-	-	-	10	887
<b>13 Transport Sector</b>	-	-	-	5,507	2,192	-	269	-	2,755
<b>14 Other Sector</b>	1,818	-	-	2,043	85	-	-	330	618
<b>14.1 Residential &amp; Commercial</b>	1,796	-	-	1,428	-	-	-	330	320
<b>14.2 Agriculture</b>	22	-	-	401	85	-	-	-	298
<b>14.3 Other</b>	-	-	-	215	-	-	-	-	-
<b>15 Non-energy</b>	-	-	-	215	-	-	-	-	-

Energy Balance Table of Viet Nam in 2005 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	343	-	-	-	6,520	1,505	-	-	14,807	-	-	61,299		
2,195	533	-	-	318	-	-	-	-	-	6	-	12,116		
-	-	-	-	-	-1,411	-	-	-	-	-	-	-30,317		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	368		
2,195	876	-	-	318	5,109	1,505	-	-	14,807	6	-	43,465		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-599	-	-	-	-318	-4,871	-1,505	-	-	-29	4,360	-	-5,787		
-599	-	-	-	-	-4,871	-1,505	-	-	-	3,455	-	-6,345		
-	-	-	-	-318	-	-	-	-	-29	904	-	558		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-530	-	-530		
6	172	-	-	-	571	-	-	-	-	87	-	46		
1,602	1,048	-	-	-	809	-	-	-	14,778	3,922	-	37,194		
1,197	461	-	-	-	809	-	-	-	2,972	1,832	-	13,119		
259	-	-	-	-	-	-	-	-	-	-	-	6,814		
146	587	-	-	-	-	-	-	-	11,806	2,090	-	17,262		
130	587	-	-	-	-	-	-	-	11,806	2,041	-	16,683		
16	-	-	-	-	-	-	-	-	-	49	-	579		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		

Energy Balance Table of Viet Nam in 2004 (Continued)

													unit: ktoe	
4.6	4.7	4.8	4.9	4.10	5	6	7	8	9	10	11	12		
Fuel Oil	LPG	Refinery Gas	Ethane	Other Petroleum Products	Gas	Hydro	Nuclear	Geothermal Solar etc.	Others	Electricity	Heat	Total		
-	-	-	-	-	4,146	1,526	-	-	13,997	-	-	55,158		
1,994	403	-	-	55	-	-	-	-	-	-	-	11,103		
-38	-12	-	-	-	-	-	-	-	-	-	-	-27,515		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-991		
1,956	390	-	-	55	4,146	1,526	-	-	13,997	-	-	37,755		
-	341	-	-	160	-	-	-	-	-	-	-	-27		
-364	-	-	-	-	-4,127	-1,526	-	-	-	3,977	-	-3,717		
-364	-	-	-	-	-4,127	-1,526	-	-	-	3,977	-	-3,717		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-539	-	-539		
0	-0	-	-	-0	-0	0	-	-	-	0	-	-0		
1,592	731	-	-	215	19	-	-	-	13,997	3,437	-	33,471		
1,155	82	-	-	-	19	-	-	-	2,919	1,539	-	11,126		
291	-	-	-	-	-	-	-	-	-	33	-	5,540		
146	649	-	-215	215	-	-	-	-	11,079	1,866	-	16,805		
128	649	-	-	-	-	-	-	-	11,079	1,818	-	16,121		
18	-	-	-	-	-	-	-	-	-	47	-	470		
-	-	-	-215	215	-	-	-	-	-	-	-	215		
-	-	-	-	215	-	-	-	-	-	-	-	215		

## Major Energy Indicators of Viet Nam

	1990	1995	1997	1998	1999	1990	1991	1992	1993
Total									
Primary Energy Supply	-	-	-	-	-	5,414	5,423	5,968	6,951
Indigenous Production	-	-	-	-	-	5,811	7,492	9,038	10,423
Import	-	-	-	-	-	2,947	2,647	3,186	4,172
Export	-	-	-	-	-	-3,125	-4,669	-6,453	-7,066
Final Energy Consumption	-	-	-	-	-	4,212	4,461	5,096	6,148
Industry	-	-	-	-	-	1,713	1,886	2,029	2,189
Transport	-	-	-	-	-	1,412	1,336	1,504	2,333
Residential & Commercial	-	-	-	-	-	815	971	1,006	1,207
Agriculture	-	-	-	-	-	244	240	262	362
Coal, Coal Products									
Primary Energy Supply	-	-	-	-	-	2,212	2,138	2,143	2,073
Indigenous Production	-	-	-	-	-	2,597	2,851	2,800	3,304
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-442	-657	-909	-802
Transformation Sector	-	-	-	-	-	-888	-538	-374	-290
Power Generation	-	-	-	-	-	-888	-538	-374	-290
Final Energy Consumption	-	-	-	-	-	1,324	1,600	1,770	1,782
Industry	-	-	-	-	-	1,019	1,142	1,240	1,248
Transport	-	-	-	-	-	14	23	21	14
Residential & Commercial	-	-	-	-	-	226	366	428	437
Agriculture	-	-	-	-	-	64	69	81	84
Crude Oil									
Primary Energy Supply	-	-	-	-	-	-0	0	-0	-
Indigenous Production	-	-	-	-	-	2,750	4,072	5,599	6,413
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-2,664	-3,988	-5,544	-6,264
Transformation Sector	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-
Petroleum Products									
Primary Energy Supply	-	-	-	-	-	2,737	2,717	3,186	4,172
Import	-	-	-	-	-	2,947	2,647	3,186	4,172
Export	-	-	-	-	-	-19	-24	-	-
Transformation Sector	-	-	-	-	-	-381	-431	-470	-494
Power Generation	-	-	-	-	-	-381	-431	-470	-494
Petroleum Refineries	-	-	-	-	-	-	-	-	-
Final Energy Consumption	-	-	-	-	-	2,356	2,286	2,716	3,677
Industry	-	-	-	-	-	449	470	499	628
Transport	-	-	-	-	-	1,393	1,308	1,477	2,312
Residential & Commercial	-	-	-	-	-	340	344	300	440
Agriculture	-	-	-	-	-	146	136	145	239
Natural Gas									
Primary Energy Supply	-	-	-	-	-	3	25	17	21
Indigenous Production	-	-	-	-	-	3	25	17	21
Import	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-
Transformation Sector	-	-	-	-	-	-3	-16	-3	-6
Power Generation	-	-	-	-	-	-3	-16	-3	-6
Final Energy Consumption	-	-	-	-	-	-	9	15	14
Industry	-	-	-	-	-	-	9	15	14
Transport	-	-	-	-	-	-	-	-	-
Residential & Commercial	-	-	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-
Electricity									
Power Generation	-	-	-	-	-	746	792	835	917
Thermal	-	-	-	-	-	285	249	213	232
Hydro	-	-	-	-	-	462	543	622	685
Nuclear	-	-	-	-	-	-	-	-	-
Final Energy Consumption	-	-	-	-	-	532	566	596	674
Industry	-	-	-	-	-	245	265	275	299
Transport	-	-	-	-	-	5	5	6	7
Residential & Commercial	-	-	-	-	-	249	261	278	330
Agriculture	-	-	-	-	-	34	35	37	38

Major Energy Indicators of Viet Nam (Continued)

											ktoe
1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
7,732	9,123	10,313	11,682	13,042	13,641	14,841	16,611	19,419	21,007	37,755	43,465
11,237	13,562	15,777	18,157	21,151	23,359	25,777	27,434	30,213	32,944	55,158	61,299
4,624	5,101	6,011	6,075	6,984	7,547	8,885	9,239	10,146	10,456	11,103	12,116
-8,232	-9,816	-11,495	-12,204	-14,770	-17,585	-18,650	-20,230	-20,939	-22,071	-27,515	-30,317
6,701	7,932	8,849	9,663	10,383	11,087	11,927	13,428	15,383	16,989	33,471	37,194
2,281	3,099	3,365	3,956	4,179	4,302	4,653	5,259	6,001	6,604	11,126	13,119
2,576	2,525	2,767	2,992	3,183	3,464	3,763	4,075	4,969	5,571	5,540	6,814
1,417	1,688	2,073	2,145	2,462	2,626	2,973	3,448	3,778	4,151	16,121	16,683
385	366	398	422	429	425	400	401	455	481	470	579
2,291	3,314	3,579	4,544	4,577	4,227	4,372	5,024	5,517	6,562	7,928	9,256
3,192	4,676	5,501	6,377	6,536	5,392	6,501	7,259	8,904	10,619	14,550	18,961
-	-	-	-	-	-	-	-	-	-	-	-
-1,158	-1,580	-2,042	-1,934	-1,771	-1,826	-1,821	-2,402	-3,387	-4,058	-6,190	-10,073
-468	-710	-886	-1,217	-1,275	-1,062	-1,150	-1,281	-1,500	-2,225	-1,594	-2,661
-468	-710	-886	-1,217	-1,275	-1,062	-1,150	-1,281	-1,500	-2,225	-1,594	-2,661
1,823	2,603	2,692	3,327	3,302	3,166	3,223	3,743	4,017	4,337	6,334	6,132
1,259	1,938	1,948	2,472	2,453	2,314	2,339	2,807	2,944	3,113	4,516	4,761
11	2	-	-	-	-	-	-	-	-	-	-
465	589	678	801	813	828	860	911	1,047	1,200	1,796	1,350
87	76	67	54	36	24	24	25	25	24	22	21
-0	-	-0	0	0	-	20	13	-	143	528	31
7,228	7,790	8,961	10,272	12,725	15,491	16,584	17,046	16,899	17,917	20,940	18,864
-	-	-	-	-	-	-	-	-	-	-	-
-7,074	-7,790	-8,862	-9,811	-12,364	-15,150	-15,701	-17,033	-16,899	-17,452	-19,852	-18,833
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
4,624	4,713	5,420	5,630	6,576	6,938	7,757	8,444	9,493	9,894	9,631	12,753
4,624	5,101	6,011	6,075	6,984	7,547	8,885	9,239	10,146	10,456	11,103	12,110
-	-446	-591	-459	-636	-609	-1,128	-795	-653	-562	-1,472	-
-560	-369	-434	-629	-1,039	-715	-997	-988	-732	-255	-447	-1,082
-560	-369	-434	-629	-1,048	-967	-1,310	-1,407	-1,257	-744	-447	-1,082
-	-	-	-	-	-	-	-	-	-	-	-
4,064	4,344	4,985	5,001	5,538	6,221	6,759	7,456	8,761	9,639	9,684	11,553
666	743	923	934	1,125	1,318	1,515	1,533	1,947	2,165	2,134	2,745
2,557	2,514	2,757	2,981	3,170	3,447	3,742	4,050	4,943	5,561	5,507	6,814
540	583	771	615	770	834	1,026	1,291	1,305	1,320	1,428	1,486
258	249	288	323	345	351	339	336	386	410	401	508
23	186	282	506	935	1,292	1,440	1,563	2,845	2,776	4,146	5,109
23	186	282	506	935	1,292	1,440	1,563	2,845	2,776	4,146	6,520
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-1,411
-6	-165	-261	-486	-916	-1,273	-1,422	-1,548	-2,826	-2,758	-4,127	-4,871
-6	-165	-253	-479	-810	-924	-1,102	-1,106	-2,295	-2,136	-4,127	-4,871
16	22	21	20	19	19	18	15	19	18	19	809
16	22	21	20	19	19	18	15	19	18	19	809
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1,057	1,260	1,457	1,645	1,865	2,026	2,284	2,632	3,078	3,520	3,977	4,360
262	350	425	643	911	841	1,033	1,066	1,513	1,887	2,451	2,855
795	910	1,033	1,002	954	1,185	1,251	1,566	1,565	1,633	1,526	1,505
-	-	-	-	-	-	-	-	-	-	-	-
798	963	1,150	1,316	1,524	1,681	1,927	2,214	2,586	2,996	3,437	3,922
339	397	473	530	583	651	782	903	1,091	1,307	1,539	1,832
8	9	10	11	14	17	21	25	26	10	33	-
412	516	624	729	879	964	1,088	1,246	1,426	1,631	1,818	2,041
40	41	43	46	48	50	37	40	43	48	47	49

## Major Economic Indicators of Viet Nam

	1980	1985	1987	1988	1989	1990	1991	1992
Population (Millions) *1	53.70	58.87	61.75	63.26	64.77	66.20	67.61	68.99
Gross Domestic Product *3								
Real Term (Billions of 2000 Price and 2000 USD)	N.A.	11.89	12.66	13.31	14.29	15.02	15.91	17.29
Real Term (Billions of 2000 Price and 2000 PPP)	N.A.	60.38	64.29	67.59	72.57	76.27	80.81	87.80
Nominal (Billions of Current USD)	N.A.	N.A.	36.66	25.42	6.29	6.47	7.64	9.87
GDP per Capita *3								
Real Term (2000 Price and 2000 USD)	N.A.	202	205	210	221	227	235	251
Real Term (2000 Price and 2000 PPP)	N.A.	1,026	1,041	1,068	1,120	1,152	1,195	1,273
Nominal (Current USD)	N.A.	N.A.	594	402	97	98	113	143
Nominal GDP & its Components (Billions of Current VND) *1								
Gross Domestic Product	N.A.	117	2,870	15,420	28,093	41,955	76,707	110,532
Household Final Consumption Expenditure, etc.	N.A.	N.A.	N.A.	N.A.	24,645	35,559	62,755	88,943
General Government Final Consumption Expenditure	N.A.	N.A.	N.A.	N.A.	2,204	5,177	6,204	6,371
Gross Fixed Capital Formation	N.A.	N.A.	N.A.	N.A.	3,699	N.A.	N.A.	N.A.
Stock Change	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Exports of Goods and Services	N.A.	N.A.	172.24	608.36	6,700	15,120	23,714	38,405
Imports of Goods and Services	N.A.	N.A.	424.68	2,314	9,567	18,996	27,639	42,921
Real GDP & its Components (Billions of 1994 VND) *1								
Gross Domestic Product	N.A.	104,378	111,134	116,841	125,445	131,844	139,703	151,782
Household Final Consumption Expenditure, etc.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
General Government Final Consumption Expenditure	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Gross Fixed Capital Formation	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Stock Change	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Exports of Goods and Services	N.A.	N.A.	N.A.	N.A.	20,042	22,632	29,390	36,641
Imports of Goods and Services	N.A.	N.A.	N.A.	N.A.	31,930	30,495	28,556	33,923
Sectional Shares of Real GDP (%) *3								
Agriculture, Fishery and Forest	N.A.	35.3	33.7	33.3	33.2	31.9	30.7	30.2
Industry	N.A.	25.3	28.6	28.5	25.9	25.2	25.6	26.6
Services, etc.	N.A.	39.4	37.7	38.2	41.0	42.9	43.7	43.2
Industrial Production Index (2000=100)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
External Trade (Billions of Current USD) *1								
Exports, f.o.b.	0.338	0.698	0.854	1.038	1.946	2.404	2.087	2.581
Imports, c.i.f.	1.314	1.857	2.455	2.756	2.565	2.752	2.338	2.541
Balance of Payments (Billions of Current USD) *1								
Trade Balance	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Current Account	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Overall Balance	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Foreign Exchange Rate (VND/USD) *1	N.A.	N.A.	78.29	606.52	4,464	6,483	10,037	11,202
Purchasing Power Parity (VND/International Dollar) *1	N.A.	3	61	301	493	674	1,124	1,457
Price Indices								
GDP Deflator (1994=100) *3	N.A.	0.1	2.6	13.2	22.4	31.8	54.9	72.8
Wholesale Price Index (2000=100)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index (2000=100)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Growth Rate (%) *3								
Real GDP	N.A.	3.81	3.58	5.14	7.36	5.10	5.96	8.65
Population	2.14	2.04	2.49	2.45	2.39	2.20	2.12	2.05
Price								
Wholesale Price Index	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Consumer Price Index	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Source \*1 : "World Development Indicators", World Bank

\*2 : "International Financial Statistics", International Monetary Fund

\*3 : Estimation from \*1 and \*2 by the Coordinating Agency

Note : N.A. shows "not available"

: VND shows Dong, USD shows United States Dollar

: PPP shows Purchasing Power Parity

Major Economic Indicators of Viet Nam (Continued)

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
70.35	71.68	72.98	74.30	75.46	76.52	77.52	78.52	79.49	80.42	81.31	82.16	83.12
18.68	20.34	22.28	24.36	26.34	27.86	29.19	31.17	33.32	35.68	38.30	41.25	44.72
94.89	103.28	113.13	123.70	133.78	141.49	148.24	158.31	169.22	181.20	194.50	209.46	227.09
13.18	16.28	20.74	24.66	26.84	27.21	28.68	31.17	32.69	35.06	39.55	N.A.	52.83
266	284	305	328	349	364	377	397	419	444	471	502	538
1,349	1,441	1,550	1,665	1,773	1,849	1,912	2,016	2,129	2,253	2,392	2,549	2,732
187	227	284	332	356	356	370	397	411	436	486	N.A.	636
140,258	178,534	228,892	272,036	313,623	361,017	399,942	441,646	481,295	535,672	613,443	713,071	837,858
106,440	133,299	168,492	202,509	225,084	255,921	274,553	293,507	312,144	348,747	406,451	465,506	533,141
10,279	14,738	18,741	22,722	25,500	27,523	27,137	28,346	30,463	33,390	38,770	45,751	51,652
N.A.	43,325	58,187	71,597	83,734	97,551	102,799	122,101	140,301	166,828	204,608	237,868	277,547
N.A.	2,158	3,944	4,853	5,020	7,324	7,704	8,670	9,732	11,155	12,800	15,818	19,453
40,286	60,725	75,106	111,177	135,180	161,910	199,836	243,049	262,864	299,952	362,932	481,363	587,373
52,582	77,591	95,925	141,016	160,706	188,281	211,254	253,927	274,085	324,216	411,192	533,191	631,303
164,035	178,534	195,567	213,833	231,265	244,596	256,272	273,666	292,535	313,247	336,242	362,092	392,580
N.A.	133,299	142,917	155,909	165,125	172,498	176,976	182,420	190,457	204,113	221,545	237,262	254,984
N.A.	14,738	15,976	17,163	17,850	18,425	17,374	18,245	19,450	20,497	21,970	23,678	25,551
N.A.	43,325	49,715	56,678	62,438	70,187	71,294	78,552	86,972	98,160	109,843	121,312	134,665
N.A.	2,158	3,534	4,148	4,091	4,744	4,536	4,944	5,515	6,096	6,780	7,604	8,060
39,985	60,725	76,177	118,571	118,571	123,669	152,731	191,220	198,868	220,744	264,010	337,669	393,384
48,110	77,591	108,456	156,296	191,540	196,520	198,682	267,227	273,374	334,063	418,581	524,063	616,534
28.9	27.4	26.2	25.1	24.2	23.7	23.8	23.3	22.4	21.8	21.1	20.2	19.6
27.7	28.9	29.9	31.3	32.6	33.4	34.4	35.4	36.6	37.4	38.5	39.4	40.2
43.4	43.7	43.8	43.6	43.2	42.9	41.9	41.3	41.0	40.8	40.5	40.4	40.3
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
2.985	4.054	5.449	7.255	9.185	9.361	11.540	14.449	15.029	16.530	20.176	25.625	31.625
3.532	5.826	8.155	11.144	11.592	11.500	11.742	15.638	16.218	19.000	24.863	31.091	36.476
N.A.	N.A.	N.A.	-2.775	-1.247	-0.989	0.972	0.375	0.481	-1.054	-2.581	-2.287	-0.838
N.A.	N.A.	N.A.	-2.020	-1.528	-1.074	1.177	1.106	0.682	-0.604	-1.931	-0.957	0.217
N.A.	N.A.	N.A.	0.278	0.328	0.037	1.310	0.110	0.206	0.448	2.146	0.935	2.084
10,641	10,966	11,038	11,033	11,683	13,268	13,943	14,168	14,725	15,280	15,510	N.A.	15,859
1,672	1,915	2,197	2,343	2,457	2,645	2,757	2,790	2,777	2,837	2,966	3,120	3,282
85.5	100.0	117.0	127.2	135.6	147.6	156.1	161.4	164.5	171.0	182.4	196.9	213.4
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	83.5	88.3	91.1	97.7	101.7	100.0	104.4	103.4	106.6	114.9	124.4
8.07	8.84	9.54	9.34	8.15	5.76	4.77	6.79	6.89	7.08	7.34	7.69	8.42
1.97	1.89	1.81	1.81	1.56	1.40	1.30	1.30	1.24	1.17	1.11	1.04	1.16
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
N.A.	N.A.	N.A.	5.7	3.2	7.3	4.1	-1.7	-0.4	3.8	3.1	7.8	8.3





## 3.22 APEC Region

## 3.22.1 Primary Energy Supply Table

## Primary Energy Supply Table in 2005

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
<b>Coal &amp; Coal Products</b>									
Indigenous Production	204,667	-	31,767	354	1,143,269	-	82,754	567	1,214
Import	-	-	11,674	2,651	15,686	6,826	53	112,138	46,893
Export	-150,312	-	-16,926	-28	-18,528	-0	-57,745	-1,178	-
Stock Change	-49	-	1,460	-30	-18,328	44	-1,320	-578	1,355
<b>Total</b>	<b>54,306</b>	<b>-</b>	<b>27,975</b>	<b>2,947</b>	<b>1,122,099</b>	<b>6,870</b>	<b>23,742</b>	<b>110,949</b>	<b>49,462</b>
<b>Crude oil &amp; Petroleum Products</b>									
Indigenous Production	24,139	10,487	148,168	175	181,353	-	48,137	794	1,642
Import	31,028	43	60,625	15,033	167,984	15,405	41,706	262,258	138,075
Export	-16,331	-9,806	-107,777	-1,836	-23,746	-1,377	-26,930	-8,643	-35,581
Stock Change	-123	11	-2,329	-434	-590	-91	-	3,334	2,304
<b>Total</b>	<b>37,882</b>	<b>735</b>	<b>98,098</b>	<b>12,938</b>	<b>324,386</b>	<b>8,219</b>	<b>62,914</b>	<b>251,588</b>	<b>96,536</b>
<b>Natural Gas</b>									
Indigenous Production	35,226	11,143	154,108	1,929	47,429	-	68,663	2,761	441
Import	-	-	7,833	5,280	-	2,033	-	67,722	26,112
Export	-12,260	-9,556	-87,402	-	-2,764	-	-30,953	-	-
Stock Change	-	-	6,116	-160	-	-	-	-3	863
<b>Total</b>	<b>22,966</b>	<b>1,587</b>	<b>80,655</b>	<b>7,048</b>	<b>44,665</b>	<b>2,033</b>	<b>37,710</b>	<b>70,481</b>	<b>27,415</b>
<b>Nuclear Power</b>									
Indigenous Production	-	-	23,986	-	13,835	-	-	76,366	38,251
<b>Hydro Power</b>									
Indigenous Production	1,366	-	31,272	2,254	34,143	-	925	7,488	446
<b>Geothermal, Solar, etc</b>									
Indigenous Production	139	-	128	-	-	-	5,679	3,700	50
<b>Primary Energy</b>									
Indigenous Production	270,773	21,630	402,031	9,310	1,426,025	81	249,683	97,558	44,158
Import	31,028	43	81,875	23,149	183,963	25,210	41,760	442,118	211,106
Export	-178,903	-19,362	-215,858	-1,864	-45,853	-1,763	-115,627	-9,821	-35,581
Stock Change	-172	11	5,247	-624	-18,918	-48	-1,320	2,753	4,522
<b>Total</b>	<b>121,894</b>	<b>2,322</b>	<b>272,706</b>	<b>29,971</b>	<b>1,544,602</b>	<b>17,762</b>	<b>174,495</b>	<b>526,452</b>	<b>214,300</b>

## Primary Energy Supply Table in 2004

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
<b>Coal &amp; Coal Products</b>									
Indigenous Production	192,578	-	32,174	451	1,043,000	-	71,960	684	1,367
Import	-	-	10,964	3,151	11,176	6,742	-	111,928	50,237
Export	-141,682	-	-15,478	-26	-55,548	-0	-50,977	-1,550	-
Stock Change	-1,440	-	774	99	-4,793	-428	-	-	-1,527
<b>Total</b>	<b>49,457</b>	<b>-</b>	<b>28,434</b>	<b>3,675</b>	<b>993,835</b>	<b>6,313</b>	<b>20,983</b>	<b>111,062</b>	<b>50,077</b>
<b>Crude oil &amp; Petroleum Products</b>									
Indigenous Production	27,643	10,741	149,989	2,156	175,873	-	53,388	725	1,228
Import	28,096	14	59,438	13,857	170,238	16,365	41,113	261,418	139,495
Export	-20,900	-10,087	-111,245	-3,523	-18,986	-1,348	-35,931	-4,818	-32,137
Stock Change	543	-36	1,070	-680	-5,256	-	-	-1,168	101
<b>Total</b>	<b>34,562</b>	<b>632</b>	<b>98,651</b>	<b>11,811</b>	<b>319,765</b>	<b>7,295</b>	<b>58,570</b>	<b>250,403</b>	<b>101,732</b>
<b>Natural Gas</b>									
Indigenous Production	31,999	11,401	150,832	1,966	39,268	-	69,693	2,534	-
Import	-	-	8,920	5,758	-	2,048	-	66,757	25,920
Export	-8,850	-9,826	-86,459	-	-2,272	-	-26,945	-	-
Stock Change	-	-	4,732	-215	-	-	-	-2	-632
<b>Total</b>	<b>23,150</b>	<b>1,574</b>	<b>78,025</b>	<b>7,509</b>	<b>36,996</b>	<b>2,048</b>	<b>42,748</b>	<b>69,289</b>	<b>25,288</b>
<b>Nuclear Power</b>									
Indigenous Production	-	-	23,555	-	13,152	-	-	74,497	34,064
<b>Hydro Power</b>									
Indigenous Production	1,366	-	29,321	1,814	30,405	-	832	8,871	506
<b>Geothermal, Solar, etc</b>									
Indigenous Production	123	-	83	-	-	-	5,723	3,806	42
<b>Primary Energy</b>									
Indigenous Production	259,007	22,142	398,187	10,699	1,307,772	85	239,795	97,040	39,189
Import	28,096	14	81,349	22,931	181,707	25,943	41,113	440,103	215,678
Export	-171,432	-19,913	-216,087	-3,549	-77,621	-1,614	-113,853	-6,368	-32,137
Stock Change	-897	-36	6,577	-796	-10,049	-428	-	-1,170	-2,058
<b>Total</b>	<b>113,955</b>	<b>2,207</b>	<b>269,423</b>	<b>29,284</b>	<b>1,399,704</b>	<b>16,264</b>	<b>167,054</b>	<b>523,850</b>	<b>213,716</b>

Primary Energy Supply Table in 2005 (Continued)

												ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
408	5,158	3,057	-	30	1,520	138,974	-	-	5,220	564,062	18,961	2,201,980
6,277	3,766	557	-	807	3,710	12,405	1	39,715	5,461	20,166	-	288,787
-42	-1	-1,684	-	-	-	-45,646	-	-	-	-31,947	-10,073	-334,110
-23	-187	74	-	91	-	-2,395	-	-532	-	3,233	368	-16,819
6,620	8,736	2,003	-	928	5,230	103,338	1	39,183	10,680	555,515	9,256	2,139,839
39,072	197,075	1,057	2,454	4,074	589	468,711	-	29	9,893	331,721	19,507	1,489,077
16,196	17,030	6,849	1,901	5,708	16,087	2,465	113,518	62,440	43,673	717,436	12,110	1,747,570
-27,490	-109,417	-800	-2,767	-3,677	-1,983	-338,125	-63,343	-15,590	-8,969	-57,416	-18,833	-880,436
480	-342	-59	-	135	276	564	-	-98	-952	-3,974	-	-1,888
28,198	103,456	6,819	1,589	6,240	14,847	133,616	22,078	44,343	43,645	961,864	12,784	2,272,774
51,992	36,904	3,194	120	2,221	2,683	515,726	-	487	20,726	422,177	6,520	1,384,451
1,213	7,493	-	-	-	-	6,200	5,234	9,842	8,179	100,874	-	248,014
-26,791	-	-	-	-	-	-167,386	-	-	-	-16,694	-1,411	-355,217
-	21	1	-	-	-	-4,950	-	147	-	1,417	-	3,451
26,414	44,418	3,195	120	2,221	2,683	349,591	5,234	10,476	28,905	507,773	5,109	1,280,699
-	2,816	-	-	-	-	38,967	-	10,417	-	211,275	-	415,911
497	2,385	2,018	77	1,546	721	15,016	-	680	499	24,976	1,505	127,815
-	6,355	2,719	-	2	8,517	353	-	96	2	18,240	-	45,979
91,969	259,003	12,916	2,651	10,035	21,529	1,184,697	-	13,152	53,381	1,646,095	61,299	5,877,975
23,687	28,296	7,406	1,901	6,515	19,797	21,942	118,753	111,997	57,715	842,517	12,116	2,292,894
-54,323	-109,530	-2,484	-2,767	-3,677	-1,983	-553,094	-63,343	-15,590	-9,025	-107,761	-30,317	-1,578,526
456	-509	16	-	225	276	-6,816	-	-483	-952	642	368	-15,326
61,730	176,372	17,625	1,786	13,098	39,496	646,730	27,314	106,638	101,120	2,355,591	43,465	6,495,467

Primary Energy Supply Table in 2004 (Continued)

												ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
229	4,748	3,007	-	16	1,310	130,063	-	-	5,610	553,051	14,550	2,054,797
7,118	2,361	450	-	805	3,681	12,337	6	37,794	4,748	20,250	-	283,749
-81	-1	-1,379	-	-	-	-40,198	-	-	-	-30,306	-6,190	-343,416
184	23	-268	-	102	-	1,937	-	-1,341	136	5,666	-431	-1,306
7,451	7,131	1,811	-	923	4,991	104,139	6	36,453	10,495	548,661	7,928	1,993,826
39,744	194,787	1,152	2,134	4,623	462	458,494	-	40	10,316	346,955	20,940	1,501,390
17,097	13,323	7,017	1,392	5,956	16,788	4,811	93,074	61,859	45,043	693,185	11,103	1,700,683
-28,219	-111,232	-820	-2,320	-2,966	-1,341	-331,032	-54,506	-13,040	-8,365	-52,111	-21,324	-866,250
-105	-343	-91	-	-78	288	-1,424	-	-913	688	-8,306	-560	-16,268
28,418	95,750	7,032	1,207	7,535	16,058	130,848	18,062	45,642	47,683	955,333	10,159	2,247,146
49,046	35,496	3,453	107	828	2,059	509,217	-	695	14,877	433,402	4,146	1,361,018
848	9,348	-	-	-	-	5,564	4,662	9,447	7,607	99,100	-	245,978
-25,970	-	-	-	-	-	-161,835	-	-	-	-19,556	-	-341,714
-	-1,145	-1	-	-	-	-6,362	-	-273	-	-3,109	-	-7,006
23,924	43,700	3,452	107	828	2,059	346,584	4,662	9,869	22,484	509,837	4,146	1,258,277
-	2,396	-	-	-	-	37,735	-	10,291	-	211,956	-	407,647
501	2,168	2,339	77	1,507	739	15,289	-	564	519	25,619	1,526	123,963
-	5,734	2,608	-	2	8,843	347	-	85	2	16,757	-	44,156
89,520	253,381	13,386	2,318	9,459	21,082	1,158,277	-	13,087	47,706	1,660,044	55,158	5,697,332
25,063	25,037	7,467	1,392	6,762	20,469	23,759	97,742	109,100	57,712	815,708	11,103	2,238,247
-54,270	-111,320	-2,198	-2,320	-2,966	-1,341	-534,768	-54,506	-13,040	-8,400	-103,942	-27,515	-1,559,159
80	-1,466	-359	-	23	288	-5,937	-	-2,527	825	-5,689	-991	-24,610
60,293	164,848	18,071	1,390	13,277	40,358	641,331	22,730	104,316	97,843	2,341,730	37,755	6,279,401

## 3.22.2 Final Energy Consumption Table

Final Energy Consumption Table in 2005

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Total	76,489	776	200,926	21,798	904,599	10,364	118,267	361,817	145,902
Coal & Coal Products	3,473	-	2,892	903	347,385	1	8,499	37,249	8,050
Crude oil & Petroleum Products	39,182	499	91,884	11,436	284,495	6,332	45,952	206,853	84,812
Nature Gas	11,981	13	51,029	1,277	56,176	586	11,093	26,276	15,986
Electricity	17,759	264	43,926	4,154	169,807	3,444	9,205	87,861	30,709
Others	4,095	-	11,194	4,028	46,737	-	43,518	3,578	6,343
Industry	28,119	96	75,155	7,628	563,353	574	40,548	158,255	71,480
Coal & Coal Products	3,274	-	2,867	887	259,020	1	8,486	36,254	7,097
Crude oil & Petroleum Products	6,622	47	23,424	2,061	113,841	204	10,444	72,206	40,060
Nature Gas/LNG & Town Gas	7,699	-	21,553	758	41,383	19	11,049	10,694	4,168
Electricity	7,939	49	18,172	2,800	116,274	350	3,651	36,935	15,820
Others	2,585	-	9,139	1,121	32,836	-	6,919	2,166	4,334
Transport	30,243	418	57,047	8,149	107,889	6,001	25,858	93,856	32,434
Coal & Coal Products	92	-	-	0	5,470	-	-	-	-
Crude oil & Petroleum Products	29,583	418	52,382	8,096	97,855	5,878	25,852	92,004	31,933
Nature Gas/LNG & Town Gas	353	-	4,299	31	863	-	5	-	323
Electricity	214	-	366	22	3,701	123	-	1,851	177
Others	-	-	-	-	-	-	-	-	-
Agriculture	2,271	0	3,640	-	40,163	-	-	6,038	1,908
Coal & Coal Products	-	-	-	-	11,788	-	-	-	-
Crude oil & Petroleum Products	2,116	0	2,332	-	21,175	-	-	5,614	1,429
Nature Gas/LNG & Town Gas	2	-	425	-	-	-	-	-	24
Electricity	152	-	881	-	7,181	-	-	331	455
Others	-	-	1	-	18	-	-	93	-
Residential & Commercial	15,857	246	65,085	5,847	153,385	3,660	51,504	100,948	37,747
Coal & Coal Products	107	-	25	4	67,129	-	13	995	953
Crude oil & Petroleum Products	861	17	13,747	1,173	30,270	122	9,656	34,308	9,205
Nature Gas/LNG & Town Gas	3,927	13	24,752	442	12,328	567	39	15,581	11,470
Electricity	9,453	215	24,507	1,322	30,763	2,971	5,197	48,745	14,110
Others	1,510	-	2,054	2,907	12,894	-	36,599	1,319	2,009

Final Energy Consumption Table in 2004

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Total	73,951	759	202,045	21,642	834,022	9,925	117,315	363,050	144,997
Coal & Coal Products	3,320	-	2,975	910	326,575	0	7,186	37,908	8,799
Crude oil & Petroleum Products	37,492	482	91,855	11,133	273,516	5,968	48,138	211,677	86,571
Nature Gas/LNG & Town Gas	11,837	14	52,578	1,534	47,086	583	14,682	23,436	14,514
Electricity	17,094	262	43,581	4,091	147,690	3,373	9,117	86,441	29,063
Others	4,208	-	11,056	3,974	39,156	-	38,192	3,588	6,050
Industry	27,030	93	77,348	8,294	520,993	704	39,218	162,559	70,688
Coal & Coal Products	3,163	-	2,950	873	245,405	0	7,164	36,877	8,142
Crude oil & Petroleum Products	5,905	39	23,924	2,574	113,470	315	12,019	78,569	39,115
Nature Gas/LNG & Town Gas	7,728	-	23,469	989	33,801	21	14,628	8,771	3,941
Electricity	7,685	54	17,808	2,784	100,433	369	3,468	36,132	15,248
Others	2,549	-	9,197	1,074	27,883	-	1,939	2,211	4,242
Transport	29,343	409	55,944	7,318	98,427	5,514	22,623	94,255	34,747
Coal & Coal Products	66	-	-	-	5,475	-	-	-	-
Crude oil & Petroleum Products	28,742	409	51,972	7,271	88,039	5,396	22,605	92,336	34,306
Nature Gas/LNG & Town Gas	338	-	3,605	27	1,047	-	12	-	228
Electricity	197	-	367	20	3,867	119	5	1,920	213
Others	-	-	-	-	-	-	-	-	-
Agriculture	2,157	0	3,666	11	39,214	-	-	6,011	1,947
Coal & Coal Products	-	-	-	-	12,091	-	-	-	-
Crude oil & Petroleum Products	1,996	0	2,334	11	20,444	-	-	5,594	1,504
Nature Gas/LNG & Town Gas	2	-	457	-	-	-	-	-	22
Electricity	159	-	874	-	6,661	-	-	321	420
Others	-	-	1	-	18	-	-	96	-
Residential & Commercial	15,421	134	65,087	5,694	137,725	3,525	51,167	97,396	35,259
Coal & Coal Products	91	-	25	25	59,727	-	21	1,031	657
Crude oil & Petroleum Products	849	16	13,626	1,055	29,137	76	9,716	32,350	9,430
Nature Gas/LNG & Town Gas	3,770	14	25,048	438	10,922	563	42	14,665	10,323
Electricity	9,052	104	24,532	1,276	27,519	2,886	5,135	48,068	13,042
Others	1,660	-	1,857	2,900	10,421	-	36,253	1,281	1,808

Note: From 2004, consumption of energy for non-energy uses is included in the appropriate sectors;

e.g. Consumption of energy as raw materials in manufacture of goods is included in the industry sector.

Final Energy Consumption Table in 2005 (Continued)

													ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total	
37,536	108,110	12,735	1,176	10,942	23,954	419,965	14,744	64,251	65,938	1,601,190	37,194	4,238,673	
1,280	1,284	486	-	591	1,208	17,934	-	6,706	6,827	28,199	6,132	479,098	
22,995	70,556	6,795	867	6,299	12,625	95,237	11,688	38,737	35,580	881,045	11,553	1,965,423	
6,322	13,787	1,365	-	179	0	128,025	96	1,986	2,069	322,435	809	651,491	
6,940	15,248	3,187	309	1,900	3,917	55,898	2,960	16,734	10,387	319,949	3,922	808,481	
-	7,235	901	-	1,972	6,204	122,871	-	88	11,075	49,562	14,778	334,180	
14,960	35,916	4,006	673	3,514	5,836	160,617	8,058	35,873	26,362	444,466	13,119	1,698,605	
1,280	1,284	364	-	591	1,208	12,530	-	6,706	6,827	25,868	4,761	379,304	
5,496	12,252	652	440	1,609	2,054	20,802	6,713	19,394	7,078	179,710	2,745	527,852	
4,815	11,997	1,063	-	179	-	51,531	55	862	2,019	124,833	809	295,487	
3,369	9,125	1,280	234	1,075	1,368	28,369	1,290	8,911	4,853	79,449	1,832	343,145	
-	1,258	646	-	60	1,206	47,385	-	-	5,585	34,604	2,972	152,817	
15,319	47,668	5,627	387	3,491	8,452	94,850	4,726	14,701	23,491	653,810	6,814	1,241,230	
-	-	-	-	-	-	-	-	-	-	-	-	5,562	
15,228	46,838	5,585	387	3,491	8,444	53,861	4,726	14,586	23,436	638,998	6,814	1,166,395	
86	728	4	-	0	0	33,837	-	-	50	14,167	-	54,747	
5	102	39	-	-	8	7,153	-	115	5	646	-	14,526	
-	-	-	-	-	-	-	-	-	-	-	-	-	
101	3,088	319	-	34	181	9,849	4	127	3,208	16,988	579	88,498	
-	-	27	-	-	-	113	-	-	-	428	21	12,378	
101	2,461	179	-	34	174	4,222	-	4	3,187	16,372	508	59,909	
-	-	-	-	-	-	549	-	-	-	-	-	1,000	
-	627	113	-	-	7	1,448	4	122	21	-	49	11,391	
-	-	-	-	-	-	3,517	-	-	-	189	-	3,819	
5,129	21,438	2,653	-	3,560	9,188	145,234	1,707	11,023	12,829	472,567	16,683	1,136,288	
-	-	95	-	0	-	5,235	-	-	-	1,903	1,350	77,809	
1,538	9,004	255	-	868	1,658	7,440	-	2,316	1,880	45,965	1,486	171,769	
26	1,062	298	-	0	-	41,693	41	1,124	-	183,435	-	296,799	
3,565	5,395	1,750	-	780	2,532	18,908	1,666	7,494	5,459	226,550	2,041	413,424	
-	5,977	255	-	1,913	4,998	71,957	-	88	5,491	14,713	11,806	176,488	

Final Energy Consumption Table in 2004 (Continued)

													ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total	
36,539	105,335	13,430	1,124	11,265	24,262	425,185	13,208	63,896	66,824	1,600,080	33,471	4,162,329	
1,239	1,275	518	-	530	1,055	17,106	-	6,833	5,935	29,423	6,334	457,921	
22,785	68,293	6,804	835	6,565	13,021	95,189	10,261	39,004	38,177	877,790	9,684	1,955,243	
5,877	14,134	2,000	-	55	0	124,687	94	1,891	2,341	334,024	19	651,388	
6,638	14,621	3,226	289	1,853	3,791	55,516	2,853	16,084	9,854	311,354	3,437	770,227	
-	7,012	883	-	2,263	6,395	132,688	-	83	10,517	47,488	13,997	327,550	
14,375	36,002	4,602	637	3,456	5,695	154,250	6,855	36,982	27,778	456,983	11,126	1,665,670	
1,239	1,275	338	-	530	1,055	10,691	-	6,833	5,935	26,391	4,516	363,380	
5,326	12,481	674	419	1,400	2,186	22,762	5,559	20,611	10,121	183,221	2,134	542,822	
4,471	12,473	1,658	-	54	-	43,605	54	854	2,314	135,138	19	293,987	
3,340	8,749	1,302	218	1,139	1,291	28,732	1,242	8,684	4,538	79,318	1,539	324,073	
-	1,022	630	-	333	1,163	48,461	-	-	4,870	32,916	2,919	141,409	
15,365	45,150	5,708	377	3,849	8,668	95,002	4,480	13,789	22,811	643,823	5,540	1,213,142	
-	-	-	-	-	-	-	-	-	-	-	-	5,541	
15,317	44,447	5,664	377	3,849	8,662	53,850	4,453	13,676	22,780	629,536	5,507	1,139,192	
49	605	5	-	-	0	34,244	-	-	27	13,666	-	53,854	
-	98	39	-	-	6	6,908	28	113	4	621	33	14,555	
-	-	-	-	-	-	-	-	-	-	-	-	-	
87	2,868	298	-	42	76	9,710	3	126	3,519	17,036	470	87,241	
-	-	12	-	-	-	113	-	-	-	574	22	12,812	
87	2,267	169	-	42	69	4,359	-	4	3,500	16,429	401	59,211	
-	-	-	-	-	-	473	-	-	-	-	-	954	
-	601	117	-	-	7	1,547	3	122	19	-	47	10,898	
-	-	-	-	-	-	3,218	-	-	-	33	-	3,365	
4,750	21,315	2,705	39	3,585	9,485	155,198	1,619	10,478	12,673	467,699	16,121	1,117,075	
-	-	167	-	0	-	5,408	-	-	-	2,459	1,796	71,407	
1,431	9,098	184	39	941	1,767	5,258	-	2,285	1,777	48,604	1,428	169,066	
21	1,055	337	-	0	-	45,434	40	1,037	-	185,221	-	298,929	
3,298	5,173	1,764	-	714	2,486	18,329	1,579	7,071	5,249	216,927	1,818	396,022	
-	5,989	253	-	1,930	5,232	80,769	-	83	5,647	14,489	11,079	181,650	

## 3.22.3 Demand and Supply Table

**Demand & Supply Table of Coal in 2004**

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Indigenous Production	192,578	-	32,174	451	1,043,000	-	71,960	684	1,367
Import	-	-	10,790	2,794	11,172	6,742	-	109,749	49,790
Export	-141,522	-	-15,393	-	-45,319	-0	-50,977	-	-
Stock Change	-1,152	-	649	-6	-866	-428	-	-	-1,527
Primary Energy Supply	49,905	-	28,220	3,239	1,007,988	6,313	20,983	110,433	49,630
Coal Transformation	-3,594	-	-2,957	-843	-147,536	-	-10	-38,731	-14,450
Refining	-	-	-	-	-	-	-	-	-
Gas processing	-	-	-	-	-7,602	-	-	-	-
Power Generation (Public Utilities)	-43,881	-	-23,263	-1,961	-466,934	-6,337	-8,380	-46,040	-29,288
Power Generation (Auto Producers)	-	-	-1	-8	-40,584	-	-4,061	-9,143	-1,474
Final Energy Consumption	2,403	-	1,535	454	290,777	0	7,177	14,858	4,410

**Demand & Supply Table of Crude Oil in 2004**

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Indigenous Production	27,643	10,741	149,989	2,156	175,873	-	53,388	725	265
Import	21,648	-	47,168	11,306	122,720	-	19,791	210,520	116,060
Export	-18,629	-9,999	-89,126	-1,969	-5,492	-	-23,841	-	-7
Stock Change	784	-35	1,324	-323	-2,979	-	-	-1,246	1,075
Primary Energy Supply	31,446	707	109,356	11,170	290,123	-	49,339	209,999	117,392
Coal Transformation	-	-	-	-	-	-	-	-	-
Refining	-35,651	-715	-104,045	-11,231	-277,373	-	-48,787	-209,817	-120,198
Gas processing	-	-	-	-	-	-	-	-	-
Power Generation (Public Utilities)	-	-	-	-	-	-	-	-4,749	-
Power Generation (Auto Producers)	-	-	-	-	-183	-	-	-	-
Final Energy Consumption	-	-	-	-	3,451	-	-	-	-

**Demand & Supply Table of Natural Gas & LNG in 2004**

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Indigenous Production	31,999	11,401	150,832	1,966	39,268	-	69,693	2,534	-
Import	-	-	8,920	5,758	-	2,048	-	66,757	25,920
Export	-8,850	-9,826	-86,459	-	-2,272	-	-26,945	-	-
Stock Change	-	-	4,732	-215	-	-	-	-2	-632
Primary Energy Supply	23,150	1,574	78,025	7,509	36,996	2,048	42,748	69,289	25,288
Coal Transformation	-152	-	-	-	-	-	-	-	-
Refining	-	-	-	-	-	-	-	-	-
Gas processing	-280	-	-1,181	-	28,439	583	-6,567	1,746	-0
Power Generation (Public Utilities)	-4,986	-997	-6,032	-3,169	-450	-2,048	-4,058	-45,139	-9,944
Power Generation (Auto Producers)	-2,828	-113	-1,359	-48	-10,428	-	-369	-2,068	-650
Final Energy Consumption	11,837	14	52,578	1,534	47,086	583	14,682	23,436	14,514

Demand &amp; Supply Table of Coal in 2004 (Continued)

												ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
229	4,748	3,007	-	16	1,310	130,063	-	-	5,610	553,051	14,550	2,054,797
7,118	2,027	450	-	636	3,681	12,196	1	37,778	3,330	16,160	-	274,414
-81	-	-1,379	-	-	-	-37,515	-	-	-	-26,842	-6,190	-325,218
184	-373	-268	-	109	-	1,987	-	-1,288	136	5,649	-431	2,377
7,451	6,402	1,811	-	761	4,991	106,730	1	36,490	9,077	548,018	7,928	2,006,371
-	-991	-396	-	-13	-	-26,849	-	-4,308	-	-85,784	-	-326,459
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-1,743	-	-9,345
-5,057	-5,331	-955	-	-262	-3,446	-50,711	-	-19,843	-4,656	-420,322	-1,594	-1,138,262
-	-	-20	-	-	-	-20,099	-	-6,501	-	-5,242	-	-87,133
1,239	80	518	-	478	1,055	8,545	-	4,908	4,518	24,972	6,334	374,262

Demand &amp; Supply Table of Crude Oil in 2004 (Continued)

												ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
38,713	194,787	1,152	2,134	4,623	462	458,494	-	40	10,316	345,542	20,940	1,497,984
8,123	165	4,808	130	4,219	10,175	4,230	45,085	52,601	43,531	593,893	-	1,316,174
-19,321	-107,168	-741	-2,035	-841	-442	-258,912	-	-	-2,892	-3,823	-19,852	-565,090
-443	-517	58	-	-85	350	-1,388	-	-269	1,294	-7,262	-560	-10,221
27,072	87,267	5,277	230	7,916	10,544	202,424	45,085	52,372	52,250	928,350	528	2,238,847
-	-	-	-	-	-	-	-	-	-	-	-	-
-25,636	-78,598	-5,208	-464	-7,273	-9,759	-197,358	-45,085	-52,282	-46,816	-847,270	-	-2,123,564
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-4,749
-	-	-	-	-	-	-915	-	-	-	-	-	-1,098
-	-	-	-	-	-	206	-	-	2,931	-	-	6,588

Demand &amp; Supply Table of Natural Gas &amp; LNG in 2004 (Continued)

												ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
49,046	35,496	3,453	107	828	2,059	509,217	-	695	14,877	433,402	4,146	1,361,018
848	9,348	-	-	-	-	5,564	4,662	9,447	7,607	99,100	-	245,978
-25,970	-	-	-	-	-	-161,835	-	-	-	-19,556	-	-341,714
-	-1,145	-1	-	-	-	-6,362	-	-273	-	-3,109	-	-7,006
23,924	43,700	3,452	107	828	2,059	346,584	4,662	9,869	22,484	509,837	4,146	1,258,277
-	-	-	-	-	-	-	-	-	-	-	-	-152
-	-	-	-	-	-	-	-	-	-	-	-	-
-12,082	-	-	-	-	-	-	94	-554	-	1,103	-	11,301
-9,549	-16,461	-1,185	-	-689	-1,963	-122,481	-4,662	-6,807	-19,786	-127,136	-4,127	-391,668
-532	-2,060	-120	-107	-	-	-77,920	-	-169	-	-18,986	-	-117,759
5,877	14,134	2,000	-	55	0	124,687	94	1,891	2,341	334,024	19	651,388

**Demand & Supply Table of Coal in 2005**

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Indigenous Production	204,667	-	31,767	354	1,143,269	-	82,754	567	1,214
Import	-	-	11,617	2,651	15,683	6,826	53	110,202	46,671
Export	-150,312	-	-16,826	-	-9,828	-0	-57,745	-	-
Stock Change	435	-	1,380	-79	-7,786	44	-1,320	-578	1,355
Primary Energy Supply	54,790	-	27,938	2,926	1,141,337	6,870	23,742	110,191	49,240
Coal Transformation	-3,843	-	-2,901	-506	-183,984	-	-15	-38,474	-14,641
Refining	-	-	-	-	-	-	-	-	-
Gas processing	-	-	-	-	-7,374	-	-	-	-
Power Generation (Public Utilities)	-48,354	-	-23,533	-1,957	-522,570	-6,869	-9,189	-50,947	-29,221
Power Generation (Auto Producers)	-	-	-	-8	-50,730	-	-4,767	-9,547	-1,460
Final Energy Consumption	2,555	-	1,461	455	299,841	1	8,486	14,785	3,888

**Demand & Supply Table of Crude Oil in 2005**

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Indigenous Production	24,139	10,487	148,168	175	181,353	-	48,137	794	350
Import	21,377	-	46,636	11,097	126,817	-	20,471	212,130	116,619
Export	-14,828	-9,806	-85,862	-	-8,067	-	-19,567	-	-2
Stock Change	-299	15	-2,375	27	-788	-	-	1,749	935
Primary Energy Supply	30,389	697	106,567	11,299	299,315	-	49,041	214,674	117,902
Coal Transformation	-	-	-	-	-	-	-	-	-
Refining	-34,081	-706	-98,808	-11,037	-290,405	-	-44,642	-214,134	-124,842
Gas processing	-	-	-	-	-	-	-	-	-
Power Generation (Public Utilities)	-	-	-	-	-	-	-	-5,916	-
Power Generation (Auto Producers)	-	-	-	-	-216	-	-	-	-
Final Energy Consumption	-	-	-	-	3,661	-	-	-	-

**Demand & Supply Table of Natural Gas & LNG in 2005**

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Indigenous Production	35,226	11,143	154,108	1,929	47,429	-	68,663	2,761	441
Import	-	-	7,833	5,280	-	2,033	-	67,722	26,112
Export	-12,260	-9,556	-87,402	-	-2,764	-	-30,953	-	-
Stock Change	-	-	6,116	-160	-	-	-	-3	863
Primary Energy Supply	22,966	1,587	80,655	7,048	44,665	2,033	37,710	70,481	27,415
Coal Transformation	-131	-	-	-	-	-	-	-	-
Refining	-	-	-	-	-	-	-	-	-
Gas processing	-282	-	-1,170	-2,245	33,398	586	-7,877	1,503	0
Power Generation (Public Utilities)	-4,991	-970	-6,563	-2,335	-484	-2,033	-3,423	-42,744	-10,485
Power Generation (Auto Producers)	-2,873	-108	-1,443	-377	-12,304	-	-	-3,235	-591
Final Energy Consumption	11,981	13	51,029	1,277	56,176	586	11,093	26,276	15,986



Demand &amp; Supply Table of Coal in 2005 (Continued)

												ktoe	
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total	
408	5,158	3,057	-	30	1,520	138,974	-	-	5,220	564,062	18,961	2,201,980	
6,277	3,519	557	-	657	3,710	12,299	-	39,704	4,281	18,066	-	282,772	
-42	-	-1,684	-	-	-	-43,650	-	-	-	-27,907	-10,073	-318,065	
-23	-650	74	-	70	-	-2,364	-	-463	-	3,390	368	-6,150	
6,620	8,027	2,003	-	757	5,230	105,259	-	39,240	9,501	557,611	9,256	2,160,537	
-	-1,025	-384	-	-	-	-24,543	-	-4,167	-	-92,008	-	-366,494	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-1,888	-	-9,262	
-5,260	-6,912	-1,215	-	-230	-4,109	-52,217	-	-21,458	-4,725	-423,275	-2,661	-1,214,700	
-	-	-21	-	-	-	-19,909	-	-6,587	-	-4,465	-	-97,494	
1,280	90	486	-	527	1,208	8,185	-	4,818	5,663	24,219	6,132	384,079	

Demand &amp; Supply Table of Crude Oil in 2005 (Continued)

												ktoe	
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total	
36,746	197,075	1,057	2,454	4,074	589	468,711	-	29	9,893	330,030	18,864	1,483,125	
8,242	209	4,829	917	4,698	10,843	2,438	58,669	54,576	41,693	599,369	-	1,341,631	
-19,073	-105,477	-622	-2,344	-609	-560	-253,850	-	-	-3,453	-4,911	-18,833	-547,863	
884	-77	-159	-	95	174	-458	-	-302	1,418	-5,516	-	-4,677	
26,799	91,730	5,105	1,027	8,258	11,046	216,841	58,669	54,303	49,550	918,973	31	2,272,215	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-24,551	-85,553	-5,096	-1,010	-7,782	-10,482	-213,129	-58,669	-54,431	-46,494	-842,994	-	-2,168,845	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-5,916	
-	-	-	-	-	-	-766	-	-	-	-	-	-982	
-	-	-	-	-	-	70	-	-	3,046	-	-	6,778	

Demand &amp; Supply Table of Natural Gas &amp; LNG in 2005 (Continued)

												ktoe	
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total	
51,992	36,904	3,194	120	2,221	2,683	515,726	-	487	20,726	422,177	6,520	1,384,451	
1,213	7,493	-	-	-	-	6,200	5,234	9,842	8,179	100,874	-	248,014	
-26,791	-	-	-	-	-	-167,386	-	-	-	-16,694	-1,411	-355,217	
-	21	1	-	-	-	-4,950	-	147	-	1,417	-	3,451	
26,414	44,418	3,195	120	2,221	2,683	349,591	5,234	10,476	28,905	507,773	5,109	1,280,699	
-	-	-	-	-	-	-	-	-	-	-	-	-131	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-5,822	-	-	-	-296	-	-	96	-595	-	1,198	-	18,494	
-11,112	-15,841	-1,550	-	-1,195	-2,473	-126,942	-5,234	-7,340	-18,863	-136,890	-4,871	-406,338	
-836	-2,126	-148	-120	-68	-	-76,796	-	-178	-2,341	-17,766	-	-121,310	
6,322	13,787	1,365	-	179	0	128,025	96	1,986	2,069	322,435	809	651,491	

## 3.2.2.4 Power Generation Table

Power Generation Table in 2005

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Total	251,120	3,264	628,194	52,484	2,497,942	38,451	127,349	1,153,054	389,344
Thermal	232,312	3,264	161,954	23,405	2,045,018	38,451	109,964	731,503	236,937
Hydro	15,886	-	363,626	26,214	397,017	-	10,759	87,064	5,189
Nuclear	-	-	92,040	-	53,088	-	-	293,038	146,779
Geothermal	-	-	-	-	#VALUE!	-	6,604	3,225	-
Others	2,922	-	10,574	2,864	2,819	-	22	38,223	439
Public Utilities	238,884	2,913	578,943	48,938	2,334,221	38,451	127,349	963,215	362,794
Thermal	221,595	2,913	153,198	22,448	1,881,297	38,451	109,964	586,436	210,570
Hydro	15,612	-	332,167	25,652	397,017	-	10,759	80,715	5,189
Nuclear	-	-	92,040	-	53,088	-	-	293,038	146,779
Geothermal	-	-	-	-	-	-	6,604	3,019	-
Others	1,677	-	1,538	838	2,819	-	22	7	256
Auto Producers	12,236	351	49,251	3,546	163,721	-	-	189,839	26,550
Thermal	10,717	351	8,756	958	163,721	-	-	145,067	26,367
Hydro	274	-	31,459	562	-	-	-	6,350	-
Nuclear	-	-	-	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-	-	206	-
Others	1,245	-	9,036	2,026	-	-	-	38,216	183

Power Generation Table in 2004

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Total	239,042	3,236	600,239	50,569	2,203,310	37,131	120,161	1,127,644	368,162
Thermal	220,628	3,236	159,222	28,237	1,795,588	37,131	103,812	697,448	231,142
Hydro	15,880	-	340,946	21,097	353,544	-	9,674	103,153	5,880
Nuclear	-	-	90,387	-	50,469	-	-	285,866	130,715
Geothermal	-	-	-	-	#VALUE!	-	6,655	3,428	-
Others	2,534	-	9,684	1,234	3,709	-	20	37,749	425
Public Utilities	227,330	2,906	550,056	50,477	2,057,688	37,131	96,191	941,356	339,173
Thermal	210,391	2,906	150,215	28,145	1,649,966	37,131	84,102	557,113	202,389
Hydro	15,600	-	308,437	21,097	353,544	-	8,943	95,188	5,880
Nuclear	-	-	90,387	-	50,469	-	-	285,866	130,715
Geothermal	-	-	-	-	-	-	3,147	3,182	-
Others	1,339	-	1,017	1,234	3,709	-	-	7	189
Auto Producers	11,712	330	50,183	92	145,622	-	23,970	186,289	28,989
Thermal	10,237	330	9,007	92	145,622	-	19,710	140,335	28,753
Hydro	280	-	32,509	-	-	-	731	7,965	-
Nuclear	-	-	-	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-	3,509	246	-
Others	1,195	-	8,667	-	-	-	20	37,743	236

Power Generation Table in 2005 (Continued)

												GWh
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
87,306	234,895	42,909	3,805	25,510	56,597	953,086	37,176	227,449	132,195	4,167,735	50,692	11,160,558
81,523	189,010	15,290	2,914	7,453	38,260	625,981	37,176	175,001	112,695	2,961,136	33,057	7,862,305
5,784	27,732	23,470	891	17,977	8,387	174,604	-	7,909	5,798	290,423	17,635	1,486,365
-	10,805	-	-	-	-	149,446	-	39,972	-	810,726	-	1,595,894
-	7,299	2,852	-	-	9,902	410	-	-	2	16,778	-	47,072
-	49	1,297	-	80	48	2,645	-	4,567	13,700	88,672	-	168,922
82,622	218,971	41,043	2,601	23,811	56,568	905,846	37,176	187,204	118,495	4,001,289	40,175	10,411,510
76,839	173,251	14,045	2,061	6,243	38,260	582,499	37,176	139,246	112,695	2,834,592	22,540	7,266,319
5,784	27,611	23,470	540	17,567	8,387	173,484	-	7,909	5,798	287,092	17,635	1,442,387
-	10,805	-	-	-	-	149,446	-	39,972	-	810,726	-	1,595,894
-	7,299	2,825	-	-	9,902	410	-	-	2	16,778	-	46,839
-	5	703	-	1	19	7	-	77	0	52,101	-	60,071
4,684	15,924	1,866	1,204	1,699	29	47,240	-	40,244	13,700	166,446	10,517	749,047
4,684	15,759	1,245	853	1,210	-	43,482	-	35,754	-	126,544	10,517	595,986
-	121	-	351	410	-	1,120	-	-	-	3,331	-	43,977
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	27	-	-	-	-	-	-	-	-	-	233
-	44	594	-	79	29	2,638	-	4,490	13,700	36,571	-	108,851

Power Generation Table in 2004 (Continued)

												GWh
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
79,194	224,077	42,702	3,468	24,265	55,985	931,865	35,847	218,391	125,726	4,174,484	46,239	10,711,738
73,371	180,535	11,836	2,573	6,246	37,082	607,157	35,847	167,634	106,171	2,961,136	28,498	7,494,531
5,823	25,206	27,201	895	17,525	8,593	177,783	-	6,556	6,040	297,894	17,741	1,441,431
-	9,194	-	-	-	-	144,707	-	39,490	-	813,339	-	1,564,167
-	6,577	2,754	-	-	10,282	403	-	-	2	15,487	-	45,588
-	2,565	911	-	493	28	1,815	-	4,712	13,513	86,628	-	166,022
77,113	208,633	41,044	2,315	22,581	55,957	883,997	35,847	177,916	112,213	4,006,486	46,239	9,972,650
71,291	167,780	10,663	1,770	5,490	37,082	562,245	35,847	131,858	106,171	2,834,385	28,498	6,915,438
5,823	25,076	27,201	545	17,091	8,593	176,635	-	6,556	6,040	294,505	17,741	1,394,495
-	9,194	-	-	-	-	144,707	-	39,490	-	813,339	-	1,564,167
-	6,577	2,727	-	-	10,282	403	-	-	2	15,487	-	41,807
-	6	453	-	-	0	7	-	13	0	48,770	-	56,744
2,080	15,444	1,658	1,153	1,684	28	47,868	-	40,475	13,513	167,998	-	739,088
2,080	12,755	1,173	803	756	-	44,912	-	35,776	-	126,751	-	579,093
-	130	-	350	434	-	1,148	-	-	-	3,389	-	46,936
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	27	-	-	-	-	-	-	-	-	-	3,781
-	2,559	458	-	493	28	1,808	-	4,699	13,513	37,858	-	109,278

## 3.22.5 Fuel Consumption Table for Power Generation

**Fuel Consumption Table for Power Generation in 2005**

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Main Activity Producer	54,410	970	33,982	5,111	522,798	8,939	21,258	120,931	43,870
Coal	48,354	-	23,533	1,957	522,570	6,869	9,189	50,947	29,288
Coke	-	-	-	-	-	-	-	-	-
Coke Oven Gas	-	-	-	-	228	-	-	1,117	-
Blast Furnace Gas	573	-	-	-	-	-	-	2,954	-
Crude Oil & NGL	-	-	-	-	-	-	-	5,890	-
LPG	-	-	-	-	-	-	-	-	-
Refinery Gas	-	-	-	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-	-	-	-
Diesel Oil	74	-	2,946	48	-	32	2,020	10,763	4,163
Fuel Oil	-	-	-	-	-	-	-	474	-
Natural Gas	4,991	970	6,563	2,335	-	2,033	3,423	42,744	9,944
Others	418	-	940	771	-	6	6,626	6,043	475
Auto Producers	3,039	116	1,567	502	78,057	-	5,380	26,546	5,326
Coal	-	-	-	8	50,730	-	4,767	9,547	1,474
Coke	-	-	-	-	-	-	-	-	-
Coke Oven Gas	-	-	61	-	1,904	-	-	520	274
Blast Furnace Gas	19	-	64	-	-	-	-	2,356	1,850
Crude Oil & NGL	-	-	-	-	216	-	-	-	-
LPG	-	-	-	21	1,317	-	-	1,122	-
Refinery Gas	-	-	-	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-	-	-	-
Diesel Oil	38	-	-	76	12,778	-	-	9,410	627
Fuel Oil	-	-	-	1	39	-	-	80	-
Natural Gas	2,873	108	1,443	377	5,092	-	-	3,235	650
Others	109	8	-	19	5,981	-	613	276	450

**Fuel Consumption Table for Power Generation in 2004**

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Main Activity Producer	49,864	1,003	33,681	5,774	467,095	8,442	20,156	115,140	43,870
Coal	43,881	-	23,263	1,961	466,934	6,337	8,380	46,040	29,288
Coke	-	-	-	559	-	-	-	-	-
Coke Oven Gas	-	-	-	-	161	-	-	1,219	-
Blast Furnace Gas	504	-	-	-	-	-	-	3,118	-
Crude Oil & NGL	-	-	-	-	-	-	-	4,723	-
LPG	-	-	-	-	-	-	-	-	-
Refinery Gas	-	-	-	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-	-	-	-
Gas/Diesel Oil	92	-	3,047	18	-	50	2,238	9,698	4,163
Fuel Oil	-	-	-	0	-	-	-	297	-
Natural Gas	4,986	997	6,032	3,169	-	2,048	4,058	45,139	9,944
Others	401	6	1,339	67	-	7	5,480	4,906	475
Auto Producers	3,249	114	1,482	175	68,805	-	4,926	25,265	5,326
Coal	-	-	1	8	40,584	-	4,061	9,143	1,474
Coke	-	-	-	-	-	-	-	-	-
Coke Oven Gas	-	-	59	-	1,399	-	-	544	274
Blast Furnace Gas	19	-	63	-	-	-	-	2,456	1,850
Crude Oil & NGL	-	-	-	-	183	-	-	-	-
LPG	-	-	-	23	1,735	-	-	941	-
Refinery Gas	-	-	-	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-	-	-	-
Gas/Diesel Oil	293	-	-	80	16,425	-	-	9,894	627
Fuel Oil	-	-	-	0	113	-	-	80	-
Natural Gas	2,828	113	1,359	48	3,668	-	369	2,068	650
Others	109	1	-	16	4,698	-	496	139	450

Fuel Consumption Table for Power Generation in 2005 (Continued)

												ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
16,945	38,373	2,766	593	1,770	7,964	184,261	6,958	31,245	25,539	665,310	8,295	1,802,287
5,260	6,912	1,215	-	230	4,109	52,217	-	21,458	4,725	423,275	2,661	1,214,767
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	14	-	1,358
-	-	-	-	-	-	-	-	-	-	835	-	4,362
-	-	-	-	-	-	-	-	-	-	-	-	5,890
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	91	-	91
275	15,281	-	469	302	1,229	5,102	1,639	2,306	1,879	20,144	599	69,270
-	-	-	-	-	-	-	-	-	-	-	-	474
11,112	15,841	1,550	-	1,195	2,473	126,942	5,234	7,340	18,863	136,890	4,871	405,314
298	338	1	123	43	153	-	85	141	72	84,062	165	100,761
838	2,333	474	177	331	-	113,833	-	8,741	2,357	24,664	318	274,598
-	-	21	-	-	-	19,909	-	6,587	-	4,465	-	97,508
-	-	-	-	-	-	7	-	-	-	-	-	7
-	32	-	-	-	-	883	-	130	-	161	-	3,963
-	176	305	-	-	-	3,786	-	344	-	854	-	9,754
-	-	-	-	-	-	766	-	-	-	-	-	982
-	-	-	-	-	-	1,124	-	44	-	-	-	3,628
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	35	-	8,060	-	879	16	647	-	32,567
-	-	-	-	-	-	108	-	-	-	-	-	228
836	2,126	148	120	68	-	76,796	-	178	2,341	17,766	-	114,157
2	-	-	57	228	-	2,395	-	578	-	771	318	11,804

Fuel Consumption Table for Power Generation in 2004 (Continued)

												ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
15,152	37,709	2,145	513	1,488	7,420	179,096	7,088	29,115	26,156	644,366	6,168	1,701,441
5,057	5,331	955	-	262	3,446	50,711	-	19,843	4,656	420,322	1,594	1,138,262
-	-	-	-	-	-	-	-	-	-	-	-	559
-	-	-	-	-	-	-	-	-	-	55	-	1,435
-	-	-	-	-	-	-	-	-	-	526	-	4,147
-	-	-	-	-	-	-	-	-	-	-	-	4,723
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
274	15,567	-	400	315	1,805	5,904	2,286	2,384	1,610	20,209	364	70,425
-	-	-	-	-	-	-	-	-	-	-	-	297
9,549	16,461	1,185	-	689	1,963	122,481	4,662	6,807	19,786	127,136	4,127	391,218
272	349	5	113	222	205	-	140	81	104	76,118	83	90,375
655	2,262	488	149	156	-	116,187	-	8,551	-	26,849	-	264,639
-	-	20	-	-	-	20,099	-	6,501	-	5,242	-	87,133
-	31	-	-	-	-	4	-	-	-	-	-	4
-	171	348	-	-	-	923	-	113	-	242	-	3,584
-	-	-	-	-	-	4,100	-	395	-	786	-	10,189
-	-	-	-	-	-	915	-	-	-	-	-	1,098
-	-	-	-	-	-	1,183	-	41	-	-	-	3,923
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	18	-	8,668	-	856	-	716	-	37,576
-	-	-	-	-	-	43	-	-	-	-	-	236
532	2,060	120	107	-	-	77,920	-	169	-	18,986	-	110,999
123	-	-	42	138	-	2,332	-	477	-	877	-	9,897

## 3.22.6 Stock Table by Energy Resources

## Stock Table by Energy Resource in 2005

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
<b>Opening Stocks</b>									
Hard Coal	-	-	-	-	-	44	922	1,183	-
Coking Coal	-	-	-	-	-	-	-	-	-
Other bituminous coal	-	-	-	-	-	44	-	1,183	-
Subbituminous Coal	-	-	-	-	-	-	922	-	-
Anthracite	-	-	-	-	-	-	-	-	-
Lignite	-	-	-	-	-	-	-	-	-
Peat	-	-	-	-	-	-	-	-	-
Coke	-	-	-	-	-	-	-	-	-
BKB/PB	-	-	-	-	8	-	-	-	-
Crude Oil & NGL	2,061	16	6,936	-	-	-	-	16,233	12,470
Gasoline	743	-	1,902	-	-	-	-	1,648	520
Naphtha	228	-	449	-	24	367	-	633	450
Jet Fuel	-	-	2	-	-	-	-	-	-
Kerosene	510	-	2,054	-	-	1	-	1,426	2,008
Gas/Diesel Oil	201	-	537	-	135	-	-	2,896	1,716
Fuel Oil	133	-	114	-	62	58	-	3,024	1,115
LPG	-	-	-	-	-	-	-	-	-
Other Petroleum Products	832	1	2,572	-	-	-	-	320	231
Natural Gas	-	-	6,116	-	-	-	-	-3	863
Others	-	-	-	-	-	-	-	-	-
<b>Total Opening Stocks</b>	<b>4,708</b>	<b>16</b>	<b>20,684</b>	<b>-</b>	<b>229</b>	<b>471</b>	<b>922</b>	<b>27,360</b>	<b>19,372</b>
<b>Closing Stocks</b>									
Hard Coal	-	-	-	79	5,372	-	2,242	-	-
Coking Coal	-	-	-	-8	1,355	-	-	-	-
Other bituminous coal	-	-	-	87	2,078	-	-	-	-
Subbituminous Coal	-	-	-	-	1,940	-	2,242	-	-
Anthracite	-	-	-	-	2,219	-	-	1,761	-
Lignite	-	-	-	-	195	-	-	-	-
Peat	-	-	-	-	-	-	-	-	-
Coke	-	-	-	-49	10,549	-	-	-	-
BKB/PB	-	-	-	-	-	-	-	-	-
Crude Oil & NGL	2,312	-	9,319	-27	788	-	-	14,484	11,534
Gasoline	743	0	1,885	100	192	2	-	1,529	463
Naphtha	246	1	449	45	90	-	-	657	225
Jet Fuel	-	-	3	-	90	-	-	-	-
Kerosene	473	4	2,159	91	78	-	-	1,326	1,524
Gas/Diesel Oil	196	-	456	-76	-	610	-	2,631	1,373
Fuel Oil	173	0	156	158	-	-	-	2,447	992
LPG	-	-	-	-	-	-	-	-	-
Other Petroleum Products	619	0	2,435	151	-	-	-	310	219
Natural Gas	-	-	-	160	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-
<b>Total Closing Stocks</b>	<b>4,761</b>	<b>5</b>	<b>16,863</b>	<b>632</b>	<b>19,574</b>	<b>613</b>	<b>2,242</b>	<b>25,146</b>	<b>16,329</b>
<b>Stock Change</b>									
Hard Coal	435	-	1,380	-79	-5,372	44	-1,320	1,183	695
Coking Coal	640	-	-	8	-1,355	-	-	-	169
Other bituminous coal	476	-	1,261	-87	-2,078	44	-	1,183	526
Subbituminous Coal	-681	-	119	-	-1,940	-	-1,320	-	-
Anthracite	-	-	-	-	-2,219	-	-	-1,761	660
Lignite	-	-	-	-	-195	-	-	-	-
Peat	-	-	-	-	-	-	-	-	-
Coke	-597	-	80	49	-10,549	-	-	-	-
BKB/PB	113	-	-	-	8	-	-	-	-
Crude Oil & NGL	-250	16	-2,382	27	-788	-	-	1,749	935
Gasoline	-	-0	17	-100	-192	-2	-	119	57
Naphtha	-18	-1	-0	-45	-66	367	-	-24	226
Jet Fuel	-	-	-1	-	-90	-	-	-	-
Kerosene	37	-4	-105	-91	-78	1	-	100	484
Gas/Diesel Oil	5	-	81	76	135	-610	-	265	343
Fuel Oil	-40	-0	-42	-158	62	58	-	576	123
LPG	-	-	-	-	-	-	-	-	-
Other Petroleum Products	213	0	137	-151	-	-	-	10	12
Natural Gas	-	-	6,116	-160	-	-	-	-3	863
Others	-	-	-	-	-	-	-	-	-
<b>Total Stock Change</b>	<b>-102</b>	<b>11</b>	<b>5,281</b>	<b>-632</b>	<b>-19,344</b>	<b>-142</b>	<b>-1,320</b>	<b>2,215</b>	<b>4,398</b>

Stock Table by Energy Resource in 2005 (Continued)

												ktoe
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam	Total
895	-	-	-	96	-	-	-	3,207	-	-	-	6,347
-	-	-	-	-	-	-	-	272	-	-	-	272
-	-	-	-	96	-	-	-	2,923	-	-	-	4,246
895	-	-	-	-	-	-	-	13	-	-	-	1,830
-	-	-	-	-26	-	-	-	26	-	-	368	368
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	20	-	-	-	67	-	-	-	87
-	-	-	-	-	-	2	-	-	-	-	-	10
1,255	2,800	391	-	298	1,069	-	-	3,665	1,428	123,353	-	171,976
203	1,192	229	-	85	260	175	-	1,119	-	22,607	-	30,683
-	135	96	-	24	75	-	-	291	-	4,222	-	6,995
-	-	-	-	-	-	-	-	22	-	-	-	25
140	812	229	-	132	475	-	-	1,015	-	17,084	-	25,888
33	550	112	-	149	475	1,019	-	335	-	10,192	-	18,350
20	103	6	-	6	33	-	-	258	-	5,496	-	10,427
-	-	-	-	-	-	-	-	-	-	-	-	-
912	88	86	-	10	7	-	-	-	-	7,483	-	12,542
-	21	1	-	-	-	-	-	-	-	1,417	-	8,414
-	-	-	-	-	-	-	-	-	-	-	-	-
3,459	5,702	1,149	-	795	2,393	1,196	-	10,006	1,428	191,854	368	292,112
918	-	-	-	-	-	2,267	-	3,676	-	-	-	14,555
-	-	-	-	-	-	761	-	330	-	-	-	2,438
-	-	-	-	-	-	1,505	-	3,335	-	-	-	7,005
918	-	-	-	-	-	-	-	11	-	-	-	5,111
-	-	-	-	-	-	-	-	20	-	-	-	4,000
-	-	-	-	-	-	81	-	-	-	-	-	276
-	-	-	-	-	-	17	-	-	-	-	-	17
-	-	-	-	-	-	32	-	135	-	-	-	10,668
-	-	-	-	-	-	-	-	-	-	-	-	-
561	2,877	539	-	203	895	458	-	3,967	-	128,174	-	176,084
188	1,286	213	-	41	303	-	-	966	51	21,472	-	29,434
-	98	81	-	29	62	-	-	327	44	4,243	-	6,598
-	-	-	-	-	-	-	-	25	44	-	-	163
500	1,025	188	-	142	383	170	-	1,007	894	18,032	-	27,996
86	498	92	-	111	457	-	-	376	454	8,650	-	15,914
11	145	6	-	5	32	2	-	211	16	5,685	-	10,038
-	-	-	-	-	-	-	-	-	-	-	-	-
774	92	81	-	11	12	-	-	-	-	7,159	-	11,863
-	-	-	-	-	-	4,950	-	-	-	-	-	5,110
-	-	-	-	-	-	-	-	-	-	-	-	-
3,039	6,021	1,200	-	542	2,146	7,976	-	10,711	1,503	193,414	-	312,716
-23	-650	63	-	96	-	-2,267	-	-469	-	3,416	-	-2,868
-	-866	-78	-	-	-	-761	-	-59	-	-771	-	-3,073
-	-	9	-	96	-	-1,505	-	-412	-	-2,239	-	-2,726
-23	215	132	-	-	-	-	-	2	-	6,427	-	2,931
-	-	-	-	-26	-	-	-	6	-	-51	368	-3,023
-	-	10	-	-	-	-81	-	-	-	24	-	-242
-	-	-	-	-	-	-17	-	-	-	-	-	-17
-	463	-	-	20	-	-32	-	-68	-	-156	-	-10,791
-	-	-	-	-	-	2	-	-	-	-	-	123
694	-77	-148	-	95	174	-458	-	-302	1,428	-4,821	-	-4,109
15	-94	16	-	44	-43	175	-	152	-51	1,135	-	1,249
-	37	15	-	-5	13	-	-	-35	-44	-21	-	397
-	-	-	-	-	-	-	-	-3	-44	-	-	-138
-360	-212	40	-	-9	91	-170	-	8	-894	-948	-	-2,108
-53	52	20	-	38	18	1,019	-	-41	-454	1,543	-	2,436
9	-42	-	-	1	1	-2	-	47	-16	-189	-	389
-	-	-	-	-	-	-	-	-	-	-	-	-
138	-4	5	-	-1	-6	-	-	-	-	324	-	679
-	21	1	-	-	-	-4,950	-	-	-	1,417	-	3,304
-	-	-	-	-	-	-	-	-	-	-	-	-
420	-507	22	-	252	247	-6,780	-	-705	-75	1,674	368	-14,719

## 3.22.7 Power Generation Capacity Table

## Power Generation Capacity - Total

	1980	1985	1987	1988	1989	1990	1991	1992	1993
Australia	24,141	32,450	34,446	34,819	35,000	35,495	34,944	36,409	37,551
Brunei Darussalam	148	268	387	387	334	334	336	386	386
Canada	81,999	97,019	101,273	101,055	101,960	104,141	104,632	108,101	108,468
Chile	2,940	3,967	4,033	4,015	4,079	4,079	4,809	4,809	4,809
China	65,869	87,053	102,897	115,497	126,638	137,891	151,473	166,533	182,910
Hong Kong, China	3,342	5,580	6,614	7,453	7,456	8,342	8,387	8,932	9,037
Indonesia	2,554	5,635	7,238	8,531	9,089	9,275	9,356	10,853	13,569
Japan	143,698	169,398	179,107	181,708	186,232	194,730	200,255	205,133	213,033
Republic of Korea	9,391	16,137	19,021	19,945	20,998	21,021	21,110	24,120	27,654
Malaysia	2,334	4,443	5,214	5,512	5,792	5,582	5,541	6,700	6,857
Mexico	14,625	20,807	23,145	23,954	24,445	28,267	30,070	30,453	32,020
New Zealand	6,112	7,532	7,597	7,684	7,662	7,176	7,088	7,520	7,528
Papua New Guinea	313	491	469	485	490	490	490	490	490
Peru	3,140	3,682	3,939	4,107	4,112	4,143	4,187	4,152	4,371
Philippines	4,478	6,222	6,545	6,640	6,863	6,869	6,789	6,695	8,014
Russia	168,200	195,800	204,700	208,400	211,200	213,400	212,900	213,000	213,400
Singapore	2,010	2,571	3,451	3,451	3,451	3,667	4,173	4,553	4,553
Chinese Taipei	9,056	15,970	16,589	16,589	16,594	16,883	18,383	19,234	19,354
Thailand	3,448	6,705	6,985	6,997	7,366	8,725	9,707	11,732	12,734
United States of America	578,600	655,182	674,075	677,647	684,616	733,589	741,492	751,811	760,687
Viet Nam	1,185	1,500	1,700	1,800	1,900	2,537	2,987	3,348	4,124

## Power Generation Capacity - Thermal Power

	1980	1985	1987	1988	1989	1990	1991	1992	1993
Australia	18,038	25,537	27,302	27,558	27,784	27,174	26,622	27,935	29,075
Brunei Darussalam	148	268	387	387	334	334	336	386	386
Canada	28,363	30,475	30,800	30,526	30,892	31,201	31,324	32,415	31,557
Chile	1,470	1,700	1,754	1,760	1,789	1,789	1,738	1,738	1,738
China	45,551	60,638	72,704	82,799	92,055	101,845	113,589	125,852	138,020
Hong Kong, China	3,342	5,580	6,614	7,453	7,456	8,342	8,387	8,932	9,037
Indonesia	2,176	4,540	5,586	6,421	6,976	7,040	7,100	8,535	11,195
Japan	98,071	110,161	114,675	115,551	119,304	124,984	127,452	130,745	132,851
Republic of Korea	7,647	11,048	11,073	11,043	11,043	11,065	11,050	14,006	17,534
Malaysia	1,721	3,121	3,788	4,085	4,371	4,185	4,144	5,155	5,280
Mexico	8,483	13,850	14,949	15,505	15,984	19,012	20,682	20,975	22,427
New Zealand	1,852	2,668	2,675	2,676	2,627	2,296	2,208	2,208	2,208
Papua New Guinea	213	366	329	325	335	335	335	335	335
Peru	1,273	1,515	1,721	1,731	1,741	1,744	1,730	1,701	1,921
Philippines	3,089	3,366	3,325	3,440	3,661	3,661	3,746	3,550	4,737
Russia	122,400	137,300	143,200	145,700	147,900	149,700	149,400	148,400	148,800
Singapore	2,010	2,571	3,451	3,451	3,451	3,667	4,173	4,553	4,553
Chinese Taipei	6,398	8,337	8,887	8,887	8,887	9,177	10,677	11,526	11,634
Thailand	2,178	4,701	4,729	4,729	5,095	6,451	7,252	9,273	10,264
United States of America	444,181	485,305	489,278	491,001	494,382	536,667	543,335	551,631	557,794
Viet Nam	890	1,000	1,160	1,240	1,320	1,362	1,313	1,677	1,727



## Power Generation Capacity - Total (Continued)

MW

1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
39,175	40,030	42,505	40,179	41,109	45,719	46,304	48,297	50,290	50,031	50,782	50,618
475	650	707	707	769	770	763	761	761	860	874	759
113,738	115,505	116,940	112,653	109,949	110,974	111,324	112,537	114,979	118,271	120,459	121,515
5,504	5,577	6,715	7,546	7,546	9,941	10,372	10,912	11,433	11,474	11,562	12,363
199,897	217,225	236,540	254,238	277,289	298,768	319,321	338,490	356,570	391,410	440,700	508,410
10,323	10,096	10,092	10,876	11,312	11,312	11,568	11,568	11,606	11,683	9,703	11,804
14,514	14,970	16,109	18,946	20,581	20,592	20,762	21,039	21,112	21,206	21,455	22,515
220,898	226,995	233,737	242,445	250,290	253,544	258,838	261,730	266,129	268,287	272,701	274,558
28,750	32,184	39,241	45,336	47,986	51,595	53,693	56,763	58,951	60,679	64,532	66,537
9,000	10,600	12,500	13,541	13,606	12,696	13,762	14,813	15,671	20,119	24,634	23,626
34,469	35,859	37,615	38,125	38,454	38,997	40,519	42,344	45,684	49,121	51,119	51,071
7,778	7,920	7,691	7,899	8,099	8,954	8,456	8,555	8,512	8,572	8,915	8,884
490	490	490	502	539	543	543	543	543	543	N.A.	N.A.
4,371	4,520	4,682	5,021	5,516	5,742	6,070	5,907	5,936	5,970	6,016	6,201
9,212	9,696	11,190	11,725	12,067	12,341	13,185	13,402	14,702	15,124	15,548	15,619
214,900	215,000	214,500	214,200	213,411	205,411	214,011	212,768	214,860	215,998	216,647	N.A.
4,553	4,678	5,255	5,765	5,665	5,665	6,610	7,522	7,295	7,828	9,509	10,106
20,983	21,898	23,763	25,735	25,743	25,743	27,385	27,434	31,916	34,761	41,958	43,146
12,990	14,757	16,143	17,261	17,508	18,741	20,802	20,929	22,227	22,720	25,907	26,269
771,076	776,333	783,112	785,857	784,589	800,095	812,593	914,124	975,221	1,031,692	1,049,612	1,067,008
4,377	4,499	4,615	4,869	5,677	5,588	6,192	8,242	8,542	9,002	11,273	N.A.

## Power Generation Capacity - Thermal Power (Continued)

MW

1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
30,612	31,451	33,882	31,514	31,889	36,490	37,041	38,986	40,885	40,523	41,062	40,521
475	650	707	707	769	770	763	761	761	860	874	759
34,177	34,269	34,843	32,393	32,331	33,134	33,183	34,703	34,967	36,923	36,319	35,471
2,247	2,246	2,928	3,721	3,721	5,914	6,244	6,781	6,987	6,989	6,688	6,933
148,736	162,941	178,860	192,408	209,884	223,434	237,540	253,140	265,550	289,770	324,900	384,130
10,323	10,096	10,092	10,876	11,312	11,312	11,568	11,568	11,606	11,683	9,703	11,804
12,030	12,482	13,616	16,147	17,214	17,218	17,386	17,573	17,577	17,659	17,876	18,899
138,049	141,665	146,074	152,202	159,054	161,869	166,648	168,729	172,889	174,721	177,472	177,223
18,641	20,475	26,529	31,902	32,836	34,724	36,817	39,117	39,341	41,061	43,899	45,365
7,340	8,840	10,268	11,516	11,502	10,882	11,708	12,695	13,565	18,004	22,337	21,242
23,909	24,457	25,516	26,019	26,677	27,229	28,648	30,487	33,829	37,134	38,210	38,156
2,529	2,386	2,313	2,409	2,566	3,165	2,809	2,842	2,725	2,719	2,911	2,913
335	335	335	280	317	319	319	319	319	319	N.A.	N.A.
1,921	2,053	2,138	2,524	2,943	3,068	3,210	2,940	2,938	3,032	2,905	2,938
5,885	6,275	7,444	7,536	7,907	8,123	8,953	8,953	10,253	10,325	10,399	10,393
149,700	149,700	149,100	149,000	148,400	140,000	148,900	146,670	147,213	147,955	148,316	N.A.
4,553	4,678	5,255	5,765	5,665	5,665	6,610	7,522	7,160	7,368	9,509	10,106
12,191	12,571	14,331	16,303	16,311	16,311	17,819	17,868	22,261	25,106	31,619	32,756
10,425	12,019	13,234	14,339	14,584	15,817	17,865	17,992	19,290	19,746	20,240	20,575
567,058	571,659	579,687	582,455	583,884	597,658	610,124	706,012	768,337	820,364	837,119	851,750
1,660	1,633	1,749	2,003	2,811	2,726	2,900	4,114	4,414	4,874	7,145	N.A.

**Power Generation Capacity - Hydro Power**

	1980	1985	1987	1988	1989	1990	1991	1992	1993
Australia	6,103	6,913	7,144	7,261	7,216	8,321	8,322	8,467	8,467
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Canada	47,770	55,880	57,945	57,936	58,465	59,381	60,235	61,668	61,413
Chile	1,470	2,267	2,279	2,255	2,290	2,290	3,071	3,071	3,071
China	20,318	26,415	30,193	32,698	34,583	36,046	37,884	40,681	44,890
Hong Kong, China	-	-	-	-	-	-	-	-	-
Indonesia	378	1,065	1,512	1,970	1,973	2,095	2,115	2,178	2,178
Japan	29,776	34,337	36,386	37,291	37,483	37,831	39,118	39,523	42,514
Republic of Korea	1,157	2,223	2,232	2,236	2,339	2,340	2,444	2,498	2,504
Malaysia	613	1,322	1,426	1,427	1,421	1,397	1,397	1,545	1,577
Mexico	5,992	6,532	7,546	7,749	7,761	7,880	7,993	8,068	8,171
New Zealand	4,022	4,593	4,649	4,649	4,647	4,619	4,619	5,051	5,059
Papua New Guinea	100	125	140	160	155	155	155	155	155
Peru	1,868	2,166	2,219	2,375	2,371	2,400	2,457	2,451	2,451
Philippines	943	1,962	2,142	2,139	2,147	2,153	2,155	2,257	2,259
Russia	37,500	41,500	42,300	42,500	43,100	43,400	43,300	43,400	43,400
Singapore	-	-	-	-	-	-	-	-	-
Chinese Taipei	1,386	1,489	1,558	1,558	1,563	1,562	1,562	2,564	2,576
Thailand	1,270	2,004	2,256	2,268	2,271	2,274	2,455	2,459	2,470
United States of America	81,700	88,900	89,665	90,284	90,467	92,360	93,618	96,059	98,651
Viet Nam	250	450	490	510	530	1,176	1,674	1,671	2,397

**Power Generation Capacity - Nuclear Power**

	1980	1985	1987	1988	1989	1990	1991	1992	1993
Australia	-	-	-	-	-	-	-	-	-
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Canada	5,866	10,664	12,528	12,593	12,603	13,538	13,052	13,987	15,465
Chile	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Hong Kong, China	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	15,689	24,686	28,046	28,866	29,445	31,645	33,404	34,584	37,361
Republic of Korea	587	2,866	5,716	6,666	7,616	7,616	7,616	7,616	7,616
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	675	675	675	675
New Zealand	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Philippines	-	-	-	-	-	-	-	-	-
Russia	8,300	17,000	19,200	20,200	20,200	20,300	20,200	21,200	21,200
Singapore	-	-	-	-	-	-	-	-	-
Chinese Taipei	1,272	5,144	5,144	5,144	5,144	5,144	5,144	5,144	5,144
Thailand	-	-	-	-	-	-	-	-	-
United States of America	51,810	79,397	93,583	94,695	98,161	99,643	99,609	99,005	99,061
Viet Nam	-	-	-	-	-	-	-	-	-

## Power Generation Capacity - Hydro Power (Continued)

MW

1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
8,550	8,564	8,605	8,644	9,194	9,194	9,201	9,201	9,260	9,278	9,271	9,285
-	-	-	-	-	-	-	-	-	-	-	-
63,124	64,750	65,658	66,823	66,955	67,121	67,407	67,059	69,206	70,374	70,857	71,978
3,257	3,331	3,787	3,825	3,825	4,027	4,128	4,131	4,157	4,165	4,726	4,812
49,061	52,184	55,580	59,730	65,065	72,971	79,352	83,010	86,070	94,900	108,260	116,520
-	-	-	-	-	-	-	-	-	-	-	-
2,178	2,180	2,184	2,436	3,007	3,014	3,015	3,106	3,155	3,168	3,199	3,221
41,932	43,455	44,407	44,462	45,382	45,860	46,325	46,387	46,545	46,781	46,803	47,348
2,493	3,093	3,094	3,115	3,131	3,148	3,149	3,914	3,876	3,877	3,879	3,883
1,660	1,760	2,232	2,025	2,104	1,814	2,054	2,119	2,106	2,115	2,095	2,091
9,121	9,329	10,034	10,034	9,703	9,634	9,634	9,636	9,628	9,643	10,565	10,571
4,984	5,259	5,120	5,158	5,159	5,390	5,193	5,260	5,320	5,345	5,345	5,345
155	155	155	222	222	224	224	224	224	224	N.A.	N.A.
2,451	2,467	2,544	2,497	2,572	2,673	2,860	2,966	2,996	2,937	3,056	3,207
2,254	2,258	2,300	2,303	2,304	2,304	2,301	2,518	2,518	2,867	3,217	3,222
44,000	44,000	44,100	43,900	43,700	44,100	43,900	44,345	44,828	45,221	45,531	N.A.
-	-	-	-	-	-	-	-	-	-	-	-
3,648	4,183	4,288	4,288	4,288	4,288	4,422	4,422	4,511	4,511	4,512	4,512
2,565	2,738	2,909	2,922	2,923	2,923	2,936	2,936	2,936	2,973	3,476	3,476
99,728	100,060	97,660	98,832	98,560	99,062	98,881	95,844	93,994	96,352	96,699	96,924
2,717	2,866	2,866	2,866	2,866	2,862	3,292	4,128	4,128	4,128	4,128	N.A.

## Power Generation Capacity - Nuclear Power (Continued)

MW

1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
16,393	16,393	16,393	13,390	10,615	10,615	10,615	10,615	10,615	10,615	12,805	13,345
-	-	-	-	-	-	-	-	-	-	-	-
2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	4,470	6,190	6,840	6,840
-	-	-	-	-	-	-	-	-	-	-	-
40,531	41,356	42,712	45,248	45,248	45,248	45,248	45,907	45,907	45,742	47,122	48,222
7,616	8,616	9,616	10,316	12,016	13,716	13,716	13,716	15,716	15,716	16,716	17,176
-	-	-	-	-	-	-	-	-	-	-	-
675	1,309	1,309	1,309	1,309	1,368	1,365	1,365	1,365	1,365	1,365	1,365
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	N.A.	N.A.
-	-	-	-	-	-	-	-	-	-	-	-
21,200	21,300	21,300	21,300	21,300	21,300	21,200	21,730	22,742	22,742	22,742	N.A.
-	-	-	-	-	-	-	-	-	-	-	-
5,144	5,144	5,144	5,144	5,144	5,144	5,144	5,144	5,144	5,144	5,144	5,144
-	-	-	-	-	-	-	-	-	-	-	-
99,148	99,515	100,784	99,716	97,070	97,557	97,860	104,933	104,933	105,415	105,560	105,585
-	-	-	-	-	-	-	-	-	-	-	N.A.

## Power Generation Capacity - Others

	1980	1985	1987	1988	1989	1990	1991	1992	1993
Australia	-	-	-	-	-	-	-	7	9
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	21	21	31	33
Chile	-	-	-	-	-	-	-	-	-
People's Republic of China	-	-	-	-	-	-	-	-	-
Hong Kong, China	-	-	-	-	-	-	-	-	-
Indonesia	-	30	140	140	140	140	140	140	195
Japan	162	214	-	-	-	270	281	281	307
Republic of Korea	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	150	425	650	700	700	700	720	735	747
New Zealand	238	271	273	359	388	261	261	261	261
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Philippines	446	894	1,078	1,061	1,055	1,055	888	888	1,018
Russia	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Chinese Taipei	-	1,000	1,000	1,000	1,000	1,000	1,000	-	-
Thailand	-	-	-	-	-	-	-	-	-
United States of America	909	1,580	1,549	1,667	1,606	4,919	4,930	5,116	5,181
Viet Nam	45	50	50	50	50	-	-	-	-

## Power Generation Capacity - Others (Continued)

MW

1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
13	15	18	21	26	35	62	110	145	230	449	812
-	-	-	-	-	-	-	-	-	-	-	-
44	93	46	47	48	104	119	160	191	359	478	721
-	-	-	-	-	-	-	-	289	320	148	619
-	-	-	-	241	263	329	240	480	550	700	920
-	-	-	-	-	-	-	-	-	-	-	-
305	308	309	363	360	360	360	360	380	380	380	395
386	519	544	533	606	567	617	707	788	1,043	1,304	1,765
-	-	2	3	3	7	11	16	18	25	38	113
-	-	-	-	-	-	-	-	-	-	202	293
764	764	756	763	765	766	872	856	862	979	979	979
265	275	258	332	374	399	454	453	467	508	659	626
-	-	-	-	-	-	-	-	-	-	N.A.	N.A.
-	-	0	0	0	1	1	1	1	1	55	55
1,073	1,163	1,446	1,886	1,856	1,914	1,931	1,931	1,931	1,932	1,932	2,004
-	-	-	-	11	11	11	23	77	80	58	N.A.
-	-	-	-	-	-	-	-	135	460	-	-
-	-	-	-	-	-	-	-	-	-	683	735
-	-	-	-	1	1	1	1	1	1	2,191	2,218
5,142	5,099	4,981	4,854	5,075	5,818	5,728	7,335	7,957	9,561	10,234	12,749
-	-	-	-	-	-	-	-	-	-	-	N.A.



## Appendices

## A. Definition of Products

1. Coal
2. Oil
3. Natural Gas
4. Electricity and Heat
5. New and Renewable Energy

## B. Definition of Flows

## C. Energy Prices

## D. Definition of Columns and Rows of the Energy Balance Table

## E. Conversion Factors



## A. Definition of Products

### COAL

Primary coal is a fossil fuel, usually with the physical appearance of a black or brown rock, consisting of carbonised vegetal matter. The higher the carbon content of a coal, the higher its rank or quality is. Coal types are distinguished by their physical and chemical characteristics. These characteristics determine the suitability for various uses. There are three main categories of coal: hard coal, sub-bituminous coal and brown coal (also called lignite). Peat, which is another primary fuel closely related to coal, is often included under coal.

#### 1. Anthracite

High rank coal used for industrial and residential applications. It has generally less than 10% volatile matter and a high carbon content (about 90% fixed carbon). Its gross calorific value is greater than 23 865 kJ/kg (5 700 kcal/kg) on an ash-free but moist basis.

#### 2. Coking Coal

Bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge. Its gross calorific value is greater than 23 865 kJ/kg (5 700 kcal/kg) on an ash-free but moist basis.

#### 3. Bituminous Coal

Coal used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite. It is characterized by higher volatile matter than anthracite (more than 10%) and lower carbon content (less than 90% fixed carbon). Its gross calorific value is greater than 23 865 kJ/kg (5 700 kcal/kg) on an ash-free but moist basis. If bituminous coal is used in coke ovens it should be reported as coking coal.

#### 4. Sub-bituminous Coal

Non-agglomerating coals with a gross calorific value between 17.4 MJ/kg (4,165 kcal/kg) and 23.9 MJ/kg (5,700 kcal/kg) containing more than 31% volatile matter on a dry mineral matter free basis.

#### 5. Lignite

Non-agglomerating coals with a gross calorific value less than 17.4 MJ/kg (4,165 kcal/kg) and greater than 31% volatile matter on a dry mineral matter free basis. Oil shale and tar sands produced and combusted directly should be reported in this category. Oil shale and tar sands used as inputs for other transformation processes should also be reported in this category. This includes the portion of the oil shale or tar sands consumed in the transformation process.

#### 6. Peat

Combustible soft, porous or compressed, fossil sedimentary deposit of plant origin with high water content (up to 90 per cent in the raw state), easily cut, of light to dark brown color. Only peat used for energy purposes should be reported here.

#### 7. Patent Fuel

A composition fuel manufactured from hard coal fines by shaping with the addition of a binding agent. Note that the amount of patent fuel produced can be slightly higher than the amount of coal consumed in the transformation process because of the addition of a binding agent.

#### 8. Coke Oven Coke

Coke comprises Coke Oven Coke and Gas Coke.

- **Coke Oven Coke:** The solid product obtained from carbonization of coal, principally coking coal,

at high temperature, it is low in moisture and volatile matter. Coke oven coke is used mainly in the iron and steel industry acting as energy source and chemical agent. Coke breeze and foundry coke are included in this category. Semi-coke, the solid product obtained from carbonization of coal at low temperature, should be included in this category. Semi-coke is used as a domestic fuel or by the transformation plant itself. This heading also includes coke, coke breeze and semi-coke made from lignite/brown coal.

- **Gas Coke:** A by-product of hard coal used for production of town gas in gas works. Gas Coke is used for heating purposes.

### 9. Coal Tar

Coal tar is a by-product of the coke oven process.

### 10. BKB/PB (Braunkohlenbriketts/Peat Briquettes)

A composition fuel manufactured from lignite/brown coal or peat. The lignite/brown coal or peat is crushed, dried and molded under high pressure into an even-shaped briquette without the addition of binders. German production of lignite dust is included in this category.

### 11. Gas Works Gas

Covers all types of gases including substitute natural gas produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas. It includes gas produced by carbonization (including gas produced by coke ovens and transferred to gas works gas) reported under the "production" row, by total gasification with or without enrichment with oil products (LPG, residual fuel oil, etc.), by cracking of natural gas, and by reforming and simple mixing of gases and/or air,

reported under the "from other sources" row. Substitute natural gas is a high calorific value gas, manufactured by chemical conversion of a hydrocarbon fossil fuel. It is chemically and physically interchangeable with natural gas and is usually distributed through the natural gas grid. The main raw materials for manufacture of substitute natural gas are: coal, oil and oil shales. Substitute natural gas is distinguished from other manufactured gases by its high heat value (above 8,000 kcal/m<sup>3</sup>) and by its high methane content (above 85%). Substitute natural gas produced by synthesis from fuels other than coal based should also come under "from other sources". The quantity of fuel should be reported on a gross calorific value.

### 12. Coke Oven Gas

Obtained as a by-product of solid fuel carbonization and gasification operations carried out by coke producers and iron and steel plants which are not connected with gas works and municipal gas plants. The quantity of fuel should be reported on a gross calorific value.

### 13. Blast Furnace Gas

Obtained as a by-product in operating blast furnaces; it is recovered on leaving the furnaces and used partly within the plant and partly in other steel industry processes or in power stations equipped to burn it. The quantity of fuel should be reported on a gross calorific value.

### 14. Oxygen Steel Furnace Gas

Obtained as a by-product of the production of steel in an oxygen furnace; it is recovered on leaving the furnace. The gas is also known as converter gas, LD or BOS gas. The quantity of fuel should be reported on a gross calorific value.

## OIL

### 1. Crude Oil

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

### 2. Natural Gas Liquids (NGL)

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

### 3. Refinery Feedstocks

A refinery feedstock is a processed oil destined for further processing (e.g. straight run fuel oil or vacuum gas oil) excluding blending. With further processing, it will be transformed into one or more components and/or finished products. This definition also covers returns from the petrochemical industry to the refining industry (e.g. pyrolysis gasoline, C<sub>4</sub> fractions, gasoil and fuel oil fractions).

### 4. Additives/Oxygenates

Additives are non-hydrocarbon compounds added to or blended with a product to modify fuel properties (octane, cetane, cold properties, etc.):

- **Oxygenates:** such as alcohols (methanol, ethanol), ethers (such as MTBE (methyl tertiary butyl ether), ETBE (ethyl tertiary butyl ether), TAME (tertiary amyl methyl ether));
- **Esters** (e.g. rapeseed or dimethylester, etc.);

- **Chemical Compounds** (such as TML, TEL and detergents).

Note: Quantities of ethanol relate only to the quantities destined for fuel use.

### 5. Biofuels

Biofuels such as bio-gasoline and bio-diesel that are blended into gasoline and diesel by the consumer or at a refinery plant.

- **Bio-gasoline:** a gasoline quality liquid fuel produced from biomass or used cooking oils consists of bioethanol, biomethanol, BioETBE and bioMTBE
- **Bio-diesel:** a diesel quality liquid fuel produced from biomass or used cooking oils, consists of biodiesel, bio-dimethylether, fischer tropsh and cold pressed biooil.
- **Bio-ethanol:** ethanol produced from biomass and/or biodegradable fraction of waste;
- **Bio-methanol:** methanol produced from biomass and/or the biodegradable fraction of waste;
- **Bio-dimethylether:** a diesel quality fuel produced from biomass and/or the biodegradable fraction of waste;
- **Bio-oil:** a pyrolysis oil fuel produced from biomass

### 6. Other Hydrocarbons

This category includes synthetic crude oil from tar sands, shale oil, etc., liquids from coal liquefaction, output of liquids from natural gas conversion into gasoline, hydrogen and emulsified oils (e.g. Orimulsion).

Note on the reporting of emulsified oils:

All imports of emulsified oils (e.g. Orimulsion) should be reported as imports of 'Other Hydrocarbons' (cell F8 in Table 1). As these oils do not need further processing

in a refinery, report these quantities as Direct Use (cell F10 in Table 1) and Primary Product Receipts in the 'Bitumen' category in Table 2. Any production of emulsified oils should appear as indigenous production of 'Other Hydrocarbons' (cell F1 in Table 1). Report all quantities in physical weight of the emulsion (i.e. including the water content).

### 7. Refinery Gas (not liquefied)

Refinery gas includes a mixture of non-condensable gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products (e.g. cracking) in refineries. This also includes gases which are returned from the petrochemical industry.

### 8. Ethane

A naturally gaseous straight-chain hydrocarbon, (C<sub>2</sub>H<sub>6</sub>) extracted from natural gas and refinery gas streams.

### 9. Liquefied Petroleum Gases (LPG)

LPG are light paraffinic hydrocarbons derived from the refinery processes, crude oil stabilisation and natural gas processing plants. They consist mainly of propane (C<sub>3</sub>H<sub>8</sub>) and butane (C<sub>4</sub>H<sub>10</sub>) or a combination of the two. They could also include propylene, butylene, isobutene and isobutylene. LPG are normally liquefied under pressure for transportation and storage.

### 10. Naphtha

Naphtha is a feedstock destined for either the petrochemical industry (e.g. ethylene manufacture or aromatics production). Naphtha comprises material in the 30°C and 210°C distillation range or part of this range. Naphtha imported for blending is reported as an import of naphtha, then shown on the interproduct transfer row, as a negative entry for Naphtha, and a positive entry for the corresponding finished product.

### 11. Motor Gasoline

Motor gasoline consists of a mixture of light hydrocarbons distilling between 35°C and 215°C. It is used as a fuel for land based spark ignition engines. Motor gasoline may include additives, oxygenates and octane enhancers, including lead compounds such as TEL (Tetraethyl lead) and TML (tetramethyl lead).

### 12. Aviation Gasoline

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

### 13. Gasoline Type Jet Fuel (Naphtha type Jet Fuel or JP4)

This includes all light hydrocarbon oils for use in aviation turbine power units, distilling between 100°C and 250°C. They are obtained by blending kerosenes and gasoline or naphtha in such a way that the aromatic content does not exceed 25% in volume, and the vapour pressure is between 13.7kPa and 20.6kPa.

### 14. Kerosene Type Jet Fuel

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

### 15. Other Kerosene

Kerosene comprises refined petroleum distillate and is used in sectors other than aircraft transport. It distils between 150°C and 300°C.

### 16. Gas/Diesel Oil (Distillate Fuel Oil)

Gas/diesel oil is primarily a medium distillate distilling between 180°C and 380°C, and mainly used for diesel compression ignition (cars, trucks, etc.), usually of low

sulphur content.

### 17. Fuel Oil

This covers all residual (heavy) fuel oils (including those obtained by blending). Kinematic viscosity is above 10 cSt at 80°C. The flash point is always above 50°C and density is always more than 0.90 kg/l.

### 18. White Spirit and SBP

White Spirit and SBP are defined as refined distillate intermediates with a distillation in the naphtha/kerosene range. They are sub-divided as:

- Industrial Spirit (SBP): Light oils distilling between 30° and 200°C. There are 7 or 8 grades of industrial spirit, depending on the position of the cut in the distillation range. The grades are defined according to the temperature difference between the 5% volume and 90% volume distillation points (which is not more than 60°C).
- White Spirit: Industrial spirit with a flash point above 30°C. The distillation range of white spirit is 135° to 200°C.

### 19. Lubricants

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

### 20. Bitumen

Bitumen is a solid, semi-solid or viscous hydrocarbon with a colloidal structure, being brown to black in colour, obtained as a residue in the distillation of crude oil, by

vacuum distillation of oil residues from atmospheric distillation. Bitumen is often referred to as asphalt and is primarily used for construction of roads and for roofing material. This category includes fluidized and cut back bitumen.

### 21. Paraffin Waxes

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

### 22. Petroleum Coke

Petroleum coke is a black solid by-product, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking. It consists mainly of carbon (90 to 95%) and has a low ash content. It is used as a feedstock in coke ovens for the steel industry, for heating purposes, for electrode manufacture and for production of chemicals. The two most important qualities are "green coke" and "calcinated coke". This category also includes "catalyst coke" deposited on the catalyst during refining processes; this coke is not recoverable and is usually burned as refinery fuel.

### 23. Other Products

All products not specifically mentioned above, for example: tar and sulphur. This category also includes aromatics (e.g. BTX or benzene, toluene and xylene) and olefins (e.g. propylene) produced within refineries.

## GAS

### 1. Natural Gas

Natural gas comprises gases, occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane. It includes both "non-associated" gas originating from fields producing hydrocarbons only in gaseous form, and "associated" gas produced in association with crude oil as well as methane recovered from coal mines (colliery gas). Manufactured gas (produced from municipal or industrial waste, or sewage) should be reported in the Annual Questionnaire on Renewable and Wastes.

- **Associated Gas:** natural gas produced in association with crude oil.
- **Non-Associated Gas:** natural gas originating from fields producing hydrocarbons only in gaseous form.
- **Colliery Gas:** methane produced at coal mines, piped to the surface and consumed at collieries or transmitted by pipeline to consumers.

### 2. LNG

Liquid Natural Gas is produced by liquefaction of natural gas.

## NEW AND RENEWABLE ENERGY

### 1. Fuelwood

Covers purpose-grown energy crops (poplar, willow, etc), a multitude of woody materials generated by an industrial process (wood/paper industry in particular) or provided directly by forestry such as firewood, wood chips, bark, sawdust, shavings, chips, black liquor, etc. The quantity of fuel used should be reported on a net calorific value basis.

### 2. Woodwaste

Yard trash and types of waste typically generated by sawmills, plywood mills, and woodyards associated with the lumber and paper industry, such as wood residue, cutoffs, wood chips, sawdust, wood shavings, bark, wood refuse, wood-fired boiler ash, and plywood or other bonded materials that contain only phenolic-based glues or other glues that are approved specifically by the administrative authority.

### 3. Bagasse

Covers crushed sugar cane or beet refuse from sugar

making.

### 4. Charcoal

Covers the solid residue of the destructive distillation and pyrolysis of wood and other vegetal material.

### 5. Other Biomass

All other solid biomass products not specifically mentioned above. This includes agricultural wastes such as straw, rice husks, nut shells, poultry litter, crushed grape dregs, palm oil bunches, etc. The quantity of fuel used should be reported on a net calorific value basis.

### 6. Biogas

A gas composed principally of methane and carbon dioxide produced by anaerobic digestion of biomass, comprising:

- **Landfill gas:** formed by the digestion of landfilled wastes.
- **Sewage sludge gas:** produced from the anaerobic fermentation of sewage sludge.

- **Other biogas:** such as biogas produced from the anaerobic fermentation of animal slurries and of wastes in abattoirs, breweries and other agro-food industries.

### 7. Industrial Waste

Wastes of industrial non-renewable origin (solids or liquids) combusted directly for the production of electricity and/or heat. The quantity of fuel used should be reported on a net calorific value basis. Renewable industrial waste should be reported in the Solid biomass, Biogas and/or Liquid biofuels categories.

### 8. Municipal solid waste (renewables)

Waste produced by households, industry, hospitals and the tertiary sector that contains non-biodegradable materials that are incinerated at specific installations. The quantity of fuel used should be reported on a net calorific value basis.

### 9. Liquid Biofuels

Biofuels cover bio-ethanol, bio-diesel, bio-methanol, bio-dimethylether, bio-oil. Liquid bio-fuels are mainly bio-diesel and bio-ethanol/ETBE used as transport fuels. They can be made from new and used vegetable oils and may be blended with or replace petroleum-based fuels. The natural plant feedstock includes soya, sunflower and oil seed rape oils. Under some circumstances, used vegetable oils may also be used as feedstock for the process.

### 10. Hydro

Potential and kinetic energy of water converted into electricity in hydroelectric plants. Pumped storage also

included. Detailed plant sizes should be reported net of pumped storage.

### 11. Geothermal

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

- **Electricity:** For Electricity generation using dry steam or high enthalpy brine after flashing.
- **Thermal:** Directly as Heat for district heating, agriculture, etc.

### 12. Solar

- **Pothovoltaic:** Solar energy used for electricity generation.
- **Thermal:** Solar energy exploited for hot water production by: Flat plate collectors, mainly of the thermosyphon type, for domestic hot water or for the seasonal heating of swimming pools.

(Note: Passive solar energy for the direct heating, cooling and lighting dwellings or other buildings is not included.)

### 13. Tide/wave/ocean

Mechanical energy derived from tidal movement or wave motion and exploited for electricity generation.

### 14. Wind Energy

Kinetic energy of wind exploited for electricity generation in wind turbines.

## ELECTRICITY AND HEAT

### 1. Thermal

Electricity and heat generation from combustible fuels such as coal, oil and gas.

### 2. Hydro

Power generation from hydro plants, including pumped up (pumped storage) plants.

### 3. Nuclear

Electricity and heat generation from nuclear plants.

### 4. Geothermal

Electricity and heat generation from geothermal plants.

### 5. Renewable Energy

Electricity and heat generation from solar, biomass, and waste and Electricity generation from tide, wave, ocean and wind.

#### ▫ Solar

- **Electricity:** Quantity of electricity generated by solar photovoltaic.
- **Heat:** Solar energy exploited for hot water

production by: Flat plate collectors, mainly of the thermosyphon type, for domestic hot water or for the seasonal heating of swimming pools.

- (Note: Passive solar energy for the direct heating, cooling and lighting dwellings or other buildings is not included.)

- **Tide, Wave, Ocean:** Mechanical energy derived from tidal movement or wave motion and exploited for electricity generation.

- **Wind:** Kinetic energy of wind exploited for electricity generation in wind turbines.

- **Biomass:** Electricity and heat produced by Fuelwood, Woodwaste, Bagasse, Other Biomass, Biogas and Liquid Biofuels.

- **Waste:** Electricity and heat produced by Industrial Waste and Municipal Solid Waste.

### 6. Others

Electricity and heat generation from other fuel sources such as fuel cells etc.



## B. Definition of Flows

### SUPPLY SECTOR

Domestic supply is defined as indigenous production + from other sources + imports - exports - international marine bunkers  $\pm$  stock changes.

#### 1. Production

Production refers to the quantities of fuels and energies extracted or produced, calculated after any operation for removal of inert matter or impurities. Indigenous production refers to production within national boundaries including off shore production. There are a few specificities according to the fuels:

- **Oil:** Production includes only marketable production, and excludes volumes returned to formation. Such production should include all crude oil, NGL, condensates and oil from shale and tar sand, etc. It should also include the receipts of additives/oxygenates by refineries and blending plants from outside the refinery sector.
- **Natural Gas:** All dry marketable production is measured after purification and extraction of NGLs and sulphur. Quantities reinjected, vented or flared, are not included. Production includes quantities used within the natural gas industry; in gas extraction, pipeline systems and processing plants.

Calculation of production of hydro, geothermal, solar, wind, etc and nuclear follows some conventions used by selected international organisations.

As regards the production of secondary energy in the basic energy statistics, production of secondary oil products represents the gross refinery output. Secondary coal products and gases represent the output from coke ovens, gas works, blast furnaces and other transformation processes. In the energy balances production of

secondary products is zero and the gross refinery output is included in the transformation sector.

Production from other sources: Production from other sources refers to both primary energy that has not been accounted for under production and secondary energy that has been accounted for in the production of another fuel. There are a few examples:

- additives and other hydrocarbons produced from coal, gas or renewables;
- oil and coal used in natural gas blending plants to adjust calorific value;
- recovered slurries, middling and other low grade coal products which cannot be classified according to the main categories of coal.

#### 2. Imports and Exports

Quantity of energy that have crossed the national territorial boundaries, whether customs clearance has taken place or not. Quantities of crude oil and products imported or exported under processing agreements (i.e. refining on account) should be included. Crude oil and NGLs should be reported as coming from the country of ultimate origin; refinery feedstocks and finished products should be reported as coming from the country of last consignment. Any gas liquids (e.g. LPG) extracted during the regasification of imported liquefied natural gas should be included as imports. Petroleum products imported or exported directly by the petrochemical industry should be included.

Note: Imports or exports of ethanol (reported in the Additives/Oxygenate column) should relate to the quantities destined for fuel use.

Re-exports of oil imported for processing within bonded

areas should be included as an export of product from the processing country to the final destination.

### 3. International Marine Bunkers

Bunkers cover the quantities of fuels delivered to sea-going ships of all flags. Consumption of warships should be included in Final Consumption under Other Sector, Not Elsewhere Specified. Consumption by ships engaged in fishing and in transport in inland and coastal waters is not included.

### 4. Stock Changes

Stock changes should reflect the difference between opening stock level and closing stock level for stocks held on national territory. A stock build is shown as a negative number, and a stock draw as a positive number.

### 5. Transfers

This refers to products transferred and inter-product transfers. Products transferred are imported petroleum products which are reclassified as feedstocks for further

processing in the refinery, without delivery to final consumers. Inter-product transfers result from reclassification of products either because their specification has changed, or because they are blended into another product. For example, quantities of kerosene may be reclassified as gas oil after blending with the latter in order to meet its winter diesel specification.

### 6. Statistical Difference

This is the difference between calculated and observed gross inland deliveries. National Administrations sometimes obtain the data components of domestic availability from a variety of sources. Owing to differences in concepts, coverage, timing and definitions, observed and calculated gross inland deliveries are often not identical.

## TRANSFORMATION SECTOR

The transformation sector comprises the conversion of primary forms of energy to secondary and further transformation (e.g. coking coal to coke, crude oil to petroleum products, and heavy fuel oil to electricity). The transformation can take place in various plants including: electricity plants, combined heat and power plants, heat plants, blast furnace/gas works, coke/petroleum fuel/BKB plants, petroleum refineries, petrochemical industry, liquefaction plants, and other plants.

### 1. Electricity Plants

Electricity plants refer 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) and autoproducer plants are included here. Heat from chemical processes for electricity generation is also included here.

### 2. Combined Heat and Power Plants (CHP)

Combined heat and power plants refers to plants which are designed to produce both heat and electricity (sometimes referred to as co-generation power stations). If possible, fuel inputs and electricity/heat outputs are on a unit basis rather than on a plant basis. However, if data are not available on a unit basis, the convention for defining a CHP plant noted above should be adopted. Both main activity producer (formerly known as public) and autoproducer plants are included here.

### 3. Heat Plants

Heat plants refer to plants (including heat pumps and electric boilers) designed to produce heat only and who sell heat to a third party (e.g. residential, commercial or industrial consumers) under the provisions of a contract. Both main activity producer (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 would appear as residential use.

### 4. Blast Furnaces

Blast furnaces are for the production of pig-iron from iron ore. The transformation component pertains to the fuels used for supporting the blast furnace charge and providing heat and carbon for the reduction of the iron ore. Accounting for the calorific content of the fuels entering the process is a complex matter as transformation (into blast furnace gas) and consumption (heat of combustion) occur simultaneously. Some carbon is also retained in the pig-iron; almost all of this reappears later in the oxygen steel furnace gas (or converter gas) when the pig-iron is converted to steel.

### 5. Gas Works

Gas works plants are for the production of town gas/gas work gas by carbonization (including gas produced by coke ovens and transferred to gas works gas), by total gasification with or without enrichment with oil products (LPG, residual fuel oil, etc.), and by reforming and simple mixing of gases and/or air.

### 6. Coke Ovens

Coke Ovens are facilities for the carbonization of coal, principally coking coal, at high temperature. The transformation process provide for the production of coke and by-products such as coke oven gas and coal tar.

### 7. Patent Fuel Plants

Patent Fuel Plants are for the manufacturing of a composition fuel made of hard coal fines and addition of

a binding agent.

### 8. BKB Plants

BKB (Brown Coal Briquettes) plants are for the manufacturing of a composition fuel made of lignite/brown coal (including dried lignite fines and dust) produced by briquetting under high pressure without the addition of a binding agent. This includes Peat Briquettes Plants which produce a similar composition fuel using peat.

### 9. Petroleum Refineries

Petroleum refineries are industrial plants which convert (transform) crude oil and other hydrocarbons into finished petroleum products.

### 10. Petrochemical Industry

Petrochemical industries are industrial plants the produce raw materials for the manufacturing of plastics, synthetic fibers and rubbers, fertilizers, pesticides, detergents and solvents. Quantities of backflows or petroleum products returned from the petrochemical sector, whether returned to refineries for further processing/blending or used directly. Note: energy use in the petrochemical sector is reported in the Energy Sector, non-energy use is shown in the chemical/petrochemical industrial sector as non-energy.

### 11. Liquefaction Plants

Liquefaction plants include diverse liquefaction processes, such as coal liquefaction plants and gas-to-liquid plants. Coal Liquefaction plants are facilities where coal is used to produce liquid fuels suitable for transportation applications by the removal of carbon or addition of hydrogen, either directly or indirectly.

### 12. Natural Gas Blending Plants

These are plants where the calorific value of natural gas for distribution is adjusted through blending with gases from oil and/or coal.

### 13. Charcoal Production Plants

Charcoal plants are facilities where charcoal, a solid residue, is produced from the destructive distillation and pyrolysis of wood and other vegetable material.

### 14. Other Transformation Plants

Other transformation plants represent other energy transformation processes not already covered by the list of definition.

## ENERGY SECTOR

The Energy sector covers ISIC and NACE Divisions 10, 11, 12, 23 and 40. The Energy sector includes the manufacture of chemical materials for atomic fission and fusion and the products of these processes. Fuels used in the manufacture of fuel briquettes and packaged fuel from coal or lignite and consumption in coke ovens and other transformation industries should also be reported here.

The energy sector is divided into the following sub-sectors: Coal Mines, Patent Fuel Plants, Coke Ovens, Gas Work Plants, Natural Gas Blending Plants, Blast Furnaces, BKB/PB Plants, Petroleum Refineries,

Electricity, CHP and Heat Plants, Liquefaction Plants, Not elsewhere Specified and Distribution Losses.

Fuels used by the energy industry to support the extraction (mining, oil and gas production) or transformation activity are reported in this category. For example: fuel used for heating, lighting, or operating pumps/compressors, or used as inputs fuel into furnaces or ovens. Note that quantities of fuels transformed into another energy form should be reported under the Transformation sector. Consumption used in support of the operation of pipelines (oil, gas and coal slurry) should be reported in the Transport Sector.

## FINAL ENERGY CONSUMPTION SECTOR

The term final consumption (equal to the sum of the consumption in the end-use sectors: industry, transport, residential, commercial/public services, agriculture/forestry, fishing and non specified) implies that energy used for transformation and for own use of the energy producing industries is excluded. Final consumption reflects for the most part deliveries to consumers. It includes consumption for both energy and non-energy purposes.

### 1. Industry Sector

Industry sector covers all industrial undertakings as enumerated below. Sectors included are iron and steel; chemical including petrochemical; non-ferrous metals;

non-metallic mineral products; transport equipment; machinery; mining (excluding energy producing industries) and quarrying; food processing, beverages and tobacco; pulp, paper and printing; wood and wood products (other than pulp and paper); construction; textile and leather; not elsewhere specified.

#### 1.1 Iron and Steel

Covers ISIC Group 271 and Class 2731. Report pulverised coal injection (PCI) into blast furnaces under blast furnaces, Transformation sector. To avoid double counting, fuels used in blast furnaces should be reported in the Transformation sector. (NACE Divisions 27.1, 27.2, 27.3, 27.51, and 27.52).

**1.2 Chemical including Petrochemical**

Refers to ISIC Division 24 (NACE Division 24).

- Includes manufacture of basic chemicals (ISIC 241)
- Other chemical products (ISIC 242), Man-made fibers (ISIC 243)

**1.3 Non-ferrous Metals**

Refers to ISIC Group 272 and Class 2732. (NACE Division 27.4, 27.53 and 27.54).

- Manufacture of precious and non-ferrous metals (ISIC 272)
- Casting of non-ferrous metals (2732)

**1.4 Non-metallic Minerals Products**

Covers ISIC Division 26, i.e.: Glass, ceramic, cement and other building materials industries. (NACE Division 26).

- Manufacture of glass and glass products (ISIC 261)
- Non-metallic mineral products (ISIC 262) such as ceramics, tiles, baked clay products and cement

**1.5 Transport Equipment**

Covers ISIC Division 34 and 35. (NACE Division 34 and 35), i.e.:

- Manufacture of motor vehicles (ISIC 341) bodies for motor vehicles and semi trailers (ISIC 342)
- Parts and accessories for motor vehicles (ISIC 343)
- Shipbuilding and repair (ISIC 345)
- Railway and tramway locomotives (ISIC 352)
- Aircraft and spacecrafts (ISIC 353)
- Transport equipment not elsewhere classified (ISIC 359)

**1.6 Machinery**

Refers to Fabrication of metal products, machinery and equipment other than transport equipment. ISIC Division 28, 29, 30, 31 and 32. (NACE Division 28, 29, 30, 31 and 32)

- Structural metal products (ISIC 281)
- Other fabricated metal products (ISIC 289)
- General purpose machinery (ISIC 291)
- Special purpose machinery (ISIC 292)
- Domestic appliances (ISIC 293)
- Office, accounting and computing machinery (ISIC 300)
- Electric motors, generators and transformers (ISIC 311)
- Electricity distribution and control apparatus (ISIC 312)
- Insulated wire & cable (ISIC 313),
- Accumulators, primary cells and batteries (ISIC 314)
- Electric lamps and lighting equipment (ISIC 315),
- Other electrical equipment (ISIC 319),
- Electric valve, tubes and other conductors (ISIC 321),
- Television and radio transmitters (ISIC 322),
- Television and radio receivers, sound or video recording reproducing apparatus and associated goods (ISIC 323)

**1.7 Mining (excluding energy producing industries) and Quarrying**

Refers to ISIC Divisions 13 and 14. (NACE Divisions 13 and 14), i.e.:

- Mining of iron ores (ISIC 131)
- Mining of non-ferrous metal ores (ISIC 132)
- Quarrying of stone, sand and clay (ISIC 141)
- Mining and quarrying not elsewhere classified (ISIC 142)

**1.8 Food Processing, Beverages and Tobacco**

Refers to ISIC Division 15 and 16. (NACE Divisions 15, 16), i.e:

- Production, processing and preservation of meat, fish, fruit, vegetables (ISIC 151)
- Manufacture of dairy products (ISIC 152)

- Manufacture of grain mill products, starches and starch products and animal feeds (ISIC 153)
- Manufacture of other food products (ISIC 154)
- Manufacture of beverages (ISIC 155)
- Manufacture of tobacco products (ISIC 160)

### 1.9 Pulp, Paper and Printing

Refers to ISIC Division 21 and 22. (NACE 21, 22)

Includes production of recorded media.

- Paper and paper products (ISIC 210)
- Publishing (ISIC 221)
- Printing and printing related activities (ISIC 222)
- Reproduction of recorded media (ISIC 223)

### 1.10 Wood and Wood products (other than pulp and paper)

Refers to ISIC Division 20. (NACE Division 20), i.e.:

- Sawmill and planing of wood (ISIC 201)
- Wood products, cork, straw and plaiting materials (ISIC 202)

### 1.11 Construction

Refers to ISIC Division 45. (NACE Division 45), i.e.:

- Site preparation (ISIC 451)
- Building of complete construction (ISIC 452)
- Building installation (ISIC 453)
- Building completion (ISIC 454)
- Renting of construction or demolition equipment (ISIC 455)

### 1.12 Textile and Leather

Refers to ISIC Divisions 17, 18 and 19. (NACE Divisions 17, 18, 19), i.e.:

- Spinning, weaving and finishing of textiles (ISIC 171)
- Manufacture of other textiles (ISIC 172)
- Manufacture of knitted and crocheted fabrics and articles (ISIC 173)
- Manufacture of wearing apparel except fur apparel

(ISIC 181)

- Dressing and dyeing of fur; manufacture of articles of fur (ISIC 182)

### 1.13 Not elsewhere specified

If your country's industrial classification does not correspond to the above ISIC or NACE codes, please estimate the breakdown by industry and include in "Not elsewhere specified" only consumption in sectors which is not covered above. This covers ISIC Division 25, 33, 36 and 37. (NACE Divisions 25, 33, 36 and 37), i.e.:

- Rubber products (ISIC 251)
- Plastic products (ISIC 252)
- Medical appliances and instruments (ISIC 331)
- Optical instruments and photographic equipment (ISIC 332)
- Watches and clocks (ISIC 333), Furniture (ISIC 361)
- Others manufacturing not elsewhere classified (ISIC 369)
- Recycling of metal waste and scrap (ISIC 371)
- Recycling of non-metal waste and scrap (ISIC 372)

## 2. Transport Sector

All transport activities irrespective of the economic sector in which the activity occurs. Refers to ISIC and NACE categories: Divisions 60, 61 and 62.

### 2.1 International Civil Aviation

All aviation activities for international passenger and freight services.

### 2.2 Domestic Air Transport

Refers to domestic aircraft - commercial, private, agricultural, etc.; include oil used for purposes other than flying, e.g. bench-testing of engines. Military use of aviation fuels also should be excluded here.

### 2.3 Road

Transport by road vehicles. It includes agricultural highway use, but excludes motor gasoline used in

stationary engines (included in the Other sector) and diesel oil for non-highway use in tractors (included in Agriculture). Lubricants for use in road vehicles should be included here. Bitumen for use in road surfacing and gas oil used in engines at construction sites should not be included here but should be included in the Industry subsector "Construction" below.

#### **2.4 Rail**

Refers to rail traffic, including industrial railways.

#### **2.5 Inland Waterways**

Refers to water vessels navigating in inland waterways and coastal shipping. For example: small craft, barges, and those coastal ships which do not travel for international transportation.

#### **2.6 Pipeline Transport**

Refers to transport of goods through pipelines.

#### **2.7 Not Elsewhere Specified**

Transport activities not included elsewhere.

### **3. Other Sector**

Other sector covers commercial and public services, residential, agriculture, fishing and other final consumption not elsewhere classified.

#### **3.1 Commercial and Public Services**

These refer to business and offices in the public and private sectors. ISIC Divisions 41, 50, 51, 52, 55, 63, 64, 65, 66, 67, 70, 71, 72, 73, 74, 75, 80, 85, 90, 91, 92, 93 and 99. (NACE Divisions 50, 51, 52, 41, 55, 63, 64, 65, 66, 67, 70, 71, 72, 74, 75, 80, 85, 90, 91, 92, 93, 99).

#### **3.2 Residential**

Refers to all households including "households with employed persons." ISIC Division 95 (NACE Division 95).

#### **3.3 Agriculture**

Refers to agriculture, hunting and forestry by ISIC as follows: ISIC Divisions 01 and 02. (NACE 01 and 02)

#### **3.4 Fishing**

Refers to aquaculture and fisheries. Includes ocean, coastal and inland fishing. ISIC Division 05 and NACE 05. This class includes: fishing on a commercial basis in ocean, coastal or inland waters; taking of marine and freshwater crustaceans and mollusks; whale catching; hunting of aquatic animals: turtles, sea squirts, tunicates, sea urchins etc. This class also includes: activities of vessels engaged both in fishing, and in processing and preserving of fish; gathering of marine materials: natural pearls, sponges, coral and algae; and service activities incidental to fishing.

#### **3.5 Not elsewhere specified**

Report activities not included elsewhere, please specify. This category includes military use.

#### **3.6 Non-energy Use**

Refers to use of energy products as raw materials in the different sectors; that is, not consumed as a fuel or transformed into another fuel. Example: In industry, coal used to make methanol or ammonia.

This is further classified into:

- **Chemical (incl. the petrochemical sector):** Non-energy use of coal includes uses as feedstocks to produce fertilizer and as feedstocks for other petrochemical products.
- **Transport Sector:** Non-energy use in all Transport sub sectors.
- **Other Sector:** Non-energy use in Commercial and Public Services, Residential, Agriculture and Not elsewhere specified.

## C. Energy Prices

### ENERGY PRICES

Energy prices are in either local currency units or in US dollars.

#### **Table 1. Import Prices**

These are import prices based on CIF. These prices are obtained by dividing the value by the volume in foreign trade. Value and volume are recorded by customs administrations for each tariff position. Values recorded at the import stage include cost, insurance and freight (CIF) but exclude import duties.

These are import prices of coal and coal products; crude oil, NGL and petroleum products; electricity and other products including biofuels and other renewable energy products.

The average local currency exchange rate to the US dollar and local currency unit are also required in this table.

#### **Table 2. Wholesale Prices**

Table 2 contains wholesale prices. These are the prices that a buyer pays for large volume purchases whether for own consumption or retail. Examples are prices paid by

electricity distribution companies to electricity generators or suppliers.

Prices are either in local currency units or in US Dollars.

#### **Table 3. Consumer Prices**

These are the prices paid by end-use consumers such as motorists buying fuel in filling stations, household electricity bills, coal briquette prices in supermarkets, etc. The prices may also be in local currency units or in US Dollars.

Electricity prices are prices charged to the industrial, commercial, residential rates and rates to other consumers. Commercial sector include the government services and streetlights. Others include agriculture and other sectors not included in industrial, commercial and residential.



## D. Definition of Columns and Rows of the Energy Balance Table

### DEFINITION OF COLUMNS AND ROWS OF THE ENERGY BALANCE TABLE

#### 1. Unit

For the purpose of presenting its energy balances APEC has adopted kcal and Joules.  $10^7$  kcal (41.863 gigajoules) is equivalent to one ton of oil equivalent (toe). This quantity of energy is, within a few percent, equal to the net heat content of 1 ton of crude oil.

#### 2. Conversion (from original to TOE)

The Coordinating Agency has adopted specific factors supplied by the member economies for each flow or use. The balances are expressed in term of "net" heat value. The difference between the "net" and "gross" heat value for each fuel is the latent heat in condensation of the

water vapor produced during combustion of the fuel. For coal and oil, net heat value is 5 percent less than gross, for most forms of natural and manufactured gas the difference is 9-10 percent, while for electricity there is no difference. The use of net heat value is consistent with the practice of the Statistical Offices of the European Communities and the United Nations.

#### 3. 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 thirteen columns with the following headings:

**Column 1:** Coal includes all primary coal, such as anthracite, coking coal, other bituminous coal, sub-bituminous coal, lignite and peat.

**Column 2:** Coal Products includes all fuels derived from coal including patent fuel, coke oven coke, gas coke, briquettes, coal tar, coke oven gas, blast furnace gas and oxygen steel furnace gas.

**Column 3:** Crude Oil comprises crude oil, refinery feedstocks and natural gas liquids. Natural LPG is included in LPG.

**Columns 4 and 4.1 to 4.10:** Petroleum products (Column 4) comprises motor gasoline, naphtha, jet fuel, kerosene, gas/diesel oil, residual fuel oil, LPG, refinery

gas, ethane and other petroleum products such as: aviation gasoline, white spirit, lubricants, bitumen, paraffin waxes and petroleum coke (Columns 4.1 to 4.10). The definitions of these products are in Appendix A.

**Column 5:** Gas includes natural gas and LNG (excluding natural gas liquids).

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

**Column 8:** Nuclear shows the primary heat equivalent of the electricity produced by a nuclear power plant with an average thermal efficiency of 33 percent.

**Column 9:** Geothermal, solar, etc shows the primary heat equivalent of the electricity produced in geothermal

plants with an average thermal efficiency of 10 percent, and the energy content of electricity produced in non-thermal power plants such as photovoltaic, wind, tide wave etc.

**Column 10:** Others includes wood, wood waste, black liquor, industrial and municipal waste and biomass (power generation from other fuel sources such as defined in "Others" energy. is included here).

**Column 11:** 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 12:** Heat includes heat production from public Combined Heat Power plants (CHP), from autoproducer's heat that is sold to a third party (e.g. to a network).

**Column 13:** TOTAL = the total of columns (1) to (12).

## ROWS

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

**Row 1:** Indigenous production shows only production of primary energy, i.e. hard coal, lignite, crude oil, NGL's natural gas, hydro and nuclear, geothermal etc. electricity and others.

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

**Row 4:** International marine bunkers cover those quantities delivered to sea-going ships of all flags. Consumption by ships and planes engaged in transport in inland and coastal waters is not included.

**Row 5:** Stock changes are treated as follows: a decrease in stocks, shown in the table as a positive number, is added to supply and an increase in stocks, shown as a negative number, is deducted from supply. Producers', importers', energy transformation industries' and large users' stocks are included.

**Row 6:** Total primary energy supply (TPES) are made up of indigenous production (Row1) + imports (Row2) – exports (Row3) – international marine bunkers (Row4)

and ± stock changes (Row5).

**Row 7:** Transfers refer to Interproduct Transfers, Product Transferred, liquid products from Gas Separation and Recycled Products as defined in Appendix 2.

**Row 8:** Main Activity Producer electricity, column 1 to 10 show primary and secondary fuel input to public utilities' plants as negative entries. Gross electricity produced (including power stations' own consumption) appears as a positive quantity in column 11, "Electricity". Transformation losses appear in the "Total", column 13, as a negative number.

**Row 9:** Auto-producers of electricity, columns 1 to 10 show primary and secondary fuel input to electricity generation of auto-producers as negative entries. An auto-producer is an establishment which, in addition to its main activities, generates electricity wholly or partially for its own use, such as industries, railways, refineries etc. Total gross electricity produced appears as a positive quantity in column 12, "Electricity". Transformation losses appear in the "Total", column 13 as a negative number.

**Row 10:** Where there is a production of gas at Gas-to-Liquid Facilities, the treatment is similar to that

for electricity generation, with the quantity produced appearing as a positive figure in column 5 "Natural Gas", input as negative entries in column 1 (coal), 2 (coal products), 4 (petroleum products) and 5 (natural gas input) and conversion losses appearing in the "Total" column.

**Row 11:** The row Petroleum refineries shows the transformation of crude oil, NGL and condensate to petroleum products.

**Row 12:** Coal transformation shows the transformation of coal from primary to secondary fuels and from secondary to tertiary fuels (hard coal to coke, coke to blast furnace gas, brown coal to BKB, etc).

**Row 13:** Other Transformation: contains the energy feedstocks and outputs of petrochemical industry, bio-fuel processing, charcoal processing and other transformation processes that are not classified elsewhere.

**Row 14:** Own use & loss: Own use contains the primary and secondary energy consumed by transformation industries for heating, traction and lighting purposes. These are shown as negative figures. Included here are, for example, the coal mines' own use of energy, energy use in refineries, electricity plants' own consumption (which includes gross electricity consumed for pumped storage), and energy used for oil and gas extraction (which also includes consumption for the pipeline system). Loss include losses in gas distribution, electricity transmission, and coal transport.

**Row 15:** Discrepancy is a category which includes the sum of the unexplained statistical differences for individual fuels.

**Row 16:** Total Final Consumption (TFC) is the sum of consumption by the different end-use sectors. In final consumption, petrochemical feedstocks as well as natural

gas for producing fertilizer are shown under industry sector.

**Row 17:** Consumption of the Industry sector (energy used for transport by industry is not included here but reported under transport).

**Row 18:** The Transport sector includes all fuels for transport, except international marine bunkers. It includes transport in the industry sector and covers road, railway, internal and international air, internal navigation (including small craft, fishing vessels and coastal shipping not included under marine bunkers) and non-specified transport.

**Row 19:** Other sectors cover agriculture, residential, commercial and public services and non-specified consumption.

**Row 20:** Consumption of the Residential and Commercial sectors. Public services also is included here.

**Row 21:** Consumption of the Agriculture sector.

**Row 22:** Other shows non-specified use which may include military use.

**Row 23:** Non-energy use covers use of coal, gas and petroleum products such as white spirit, paraffin waxes, lubricants, bitumen and other products. Petroleum coke is shown as non-energy use only when there is evidence of such use; otherwise it is shown under energy use in industry or other sectors. Feedstocks for the petrochemical industry are accounted for in industry (row 15). This covers all oil including naphtha, except the other petroleum products listed above, and gas used as petrochemical feedstock. Gas used as raw material for chemical products such as methanol and ammonia/urea is also included.

## E. Conversion Factors

### 1. Coal

Coal has separate factors for production, imports, exports, inputs to power plants, coal used in coke ovens, and coal used in industry. Each economy's individual conversion factors are applied.

### 2. Crude Oil

The conversion factors of each economy are applied as shown in the table of conversion factors.

### 3. Petroleum Products

The conversion factors of each economy are applied.

### 4. Gas

To convert the gross heat content of a gas to its net heat content, the following multiplying factors were used:

Natural Gas	0.9
Gas Works Gas	0.9
Coke Oven Gas	0.9
Blast Furnace Gas	1.0

### 5. 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, photovoltaic etc) are accounted for similarly using 1 TWh = 0.086 MTOE. However, the primary

energy value ascribed to nuclear power plants is calculated from the gross generation by assuming that only 33% of the primary energy content appears as electricity, i.e. 1 TWh = (0.086/0.33) MTOE. In the case of electricity produced from geothermal heat the primary value is calculated using 1 TWh = (0.086/0.1) MTOE.

### 6. Heat

Information on heat is supplied in net kilocalories.  $10^{10}$  kilocalories = 1 MTOE

### 7. Others

The conversion factors used for other energy, such as wood, wood waste, black liquor etc. are those that are provided by each economy. In cases where the member economies cannot provide a conversion factor, the CA used the following net calorific values:

Fuel Wood and Wood Waste:	3,702 kcal/kg
Bagasse:	1,959 kcal/kg
Charcoal:	6,898 kcal/kg
Industrial Waste:	3,344 kcal/kg
Municipal Solid Waste:	3,344 kcal/kg
Other Biomass:	2,986 kcal/kg



## Average Net Calorific Values of Energy Products in 2005

	Australia	Brunei	Canada	Chile	China	Hong Kong	Indonesia	Japan	Korea
Coal									
Coking Coal	6,806		6,765	6,500	5,775			6,512	6,599
Anthracite			6,615		6,565	6,998		6,174	4,285
Other Bituminous Coal	6,137		6,093	6,500	5,073	6,306		6,057	5,946
Sub-bituminous Coal	4,413		4,250		4,675		5,437	5,100	4,991
Lignite	2,223		3,454		3,363				
Peat									
Coal Products									
Patent Fuels					6,800			5,758	4,743
Coke Oven Coke	6,125		6,540	7,000	8,000			7,190	6,499
Coal Tar				10,400	4,170				
Coal Briquettes	5,014						4,513		
Crude Oil and NGL									
Crude Oil	10,338	10,210	10,220	10,862	10,000		9,828	10,139	10,200
Natural Gas Liquids	10,846	10,210	10,800				9,828	11,205	10,200
Refinery Feedstocks	10,338		10,150					10,500	10,700
Additives/Oxygenates	6,000		6,000						6,000
Other Hydrocarbons			10,000						10,000
Petroleum Products									
Refinery Gas	11,500	11,500	11,500	5,046	11,000			10,515	11,500
Ethane	11,300		11,300						11,300
LPG	11,300	11,300	11,300	12,100	12,000	10,867	9,848	11,392	11,300
Naphtha	10,750		10,750	11,500	9,176	10,533	10,492	10,501	10,750
Motor Gasoline	10,700	10,700	10,700	11,200	10,300	10,207	10,492	10,654	10,700
Bio-ethanol	6,400		6,400						6,400
Aviation Gasoline	10,700		10,700	11,400			10,602		10,700
Gasoline Type Jet Fuel	10,700		10,700		10,300				10,700
Kerosene Type Jet Fuel	10,650	10,650	10,650	11,100	10,300	10,254	9,401	10,631	10,650
Other Kerosene	10,450		10,450	11,100	10,300	10,524	9,461	10,232	10,450
Gas/Diesel Oil	10,350	10,350	10,350	10,900	10,200	10,151	10,296	10,284	10,350
Bio-diesel	10,350		10,350						10,350
Fuel Oil	9,600	9,600	9,600	10,500	10,000	9,912	9,034	10,520	9,600
White Spirit SBP	9,600		9,600		9,176				9,600
Lubricants	9,600	9,600	9,600		9,176			10,239	9,600
Bitumen	9,600	9,600	9,600		9,176				9,600
Paraffin Wax	9,600		9,600		9,176				9,600
Petroleum Coke	7,400		7,400	7,000	9,176			8,081	7,400
Other Products	9,600		9,600		9,176		11,511	9,599	9,600
Natural Gas									
Natural Gas	8,575	9,278	8,224	8,407	9,310	9,074	8,116	8,385	8,960
New and Renewables									
Fuelwood and Woodwaste	3,701		3,701	3,500				3,702	3,701
Bagasse	1,958		1,958						1,958
Charcoal	6,897		6,897					6,898	6,897
Other Biomass	3,701		3,701				3,702		3,701
Biogas						10,000			
Industrial Waste	3,343		3,343					3,344	3,343
Municipal Solid Waste	3,343		3,343					3,344	3,343
Liquid Biofuels	6,386		6,386						6,386

Note: The Net Calorific Values are used to convert the unit of each product to tons of oil equivalent (toe). 1 toe = 10<sup>7</sup> kcal

Average Net Calorific Values of Energy Products in 2005 (continued)

kcal/kg (kcal/m <sup>3</sup> for Natural Gas)											
Malaysia	Mexico	New Zealand	Papua New Guinea	Peru	Philippines	Russia	Singapore	Chinese Taipei	Thailand	United States	Viet Nam
	5,608	6,782				5,450		7,386	7,500	6,690	5,600
				7,001				6,745	6,300	6,666	5,600
	5,608	6,782		7,288		5,450		6,201		6,364	
5,985	4,634	5,034			5,278	3,800		5,605	2,500	4,767	
		3,429				3,800		3,957		3,500	2,000
						2,380					
								3,610		5,929	
	6,333			6,523		6,930	6,438	6,650	6,600	6,560	
						4,200			6,300		
10,321	10,536	10,147	10,120	9,634	10,180	10,050	10,709	10,442	10,089	10,285	10,180
10,581	10,189	10,903	10,120	10,684	11,190	10,010			10,089	11,137	
10,349		10,010		10,157	10,142					10,525	
	6,000	6,000			10,142					6,000	
										12,182	
10,149	11,500	11,500	10,515	10,700	11,192	11,500	11,500	14,996		11,500	
	11,300	11,300			10,750					11,300	
10,877	11,300	11,300	11,393	10,917	10,300	11,300	11,923	11,893	11,669	11,300	10,880
	10,750	10,750	10,500	10,335			11,923	10,924		10,750	10,750
10,500	10,700	10,700	10,654	10,479	10,700	10,700	11,174	10,494	10,223	10,700	10,500
	6,400	6,400								6,400	
10,316	10,700	10,700		9,996	10,650	10,700		10,669	11,566	10,700	
	10,700	10,700		10,307	10,450			10,485	11,566	10,700	
	10,650	10,650	10,632	10,140	10,120	10,650	12,425	10,038	11,566	10,650	10,320
10,150	10,450	10,450	10,233	10,140	10,142	10,450	11,140	10,600	11,566	10,450	10,320
10,150	10,350	10,350	10,284	10,140	10,110	10,350	10,957	10,546	10,018	10,350	10,150
	10,350	10,350								10,350	
9,912	9,600	9,600	10,520	9,609	9,600	9,553	9,839	9,609	10,011	9,600	9,910
	9,600	9,600			9,600	9,600				9,600	
	9,600	9,600	10,240	9,600		9,600		9,600		9,600	
	9,600	9,600		9,600		9,600		10,000		9,600	
	9,600	9,600			10,180	9,600				9,600	
	7,400	7,400	8,078			7,400		8,200		7,400	
10,150	9,600	9,600	9,602	9,600		9,600	10,320	12,496	9,940	9,600	9,600
8,385	8,564	8,008	8,113	9,789	8,233	8,076	8,385	9,900	8,228	8,242	9,800
	3,701	3,701		3,428	3,636	3,701		3,039	3,820	3,701	
	1,958	1,958		1,430	4,254	1,958			1,800	1,958	
	6,897	6,897		6,174	6,644	6,897			6,900	6,897	
	3,701	3,701		3,419	3,371	3,701			3,235	3,701	3,304
								3,690			
	3,343	3,343				3,343				3,343	
	3,343	3,343				3,343		2,092	1,160	3,343	
	6,386	6,386			10,142	6,386				6,386	