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# ENERGY PRICES & TAXES

## QUARTERLY STATISTICS

*SECOND QUARTER*

# 2008

## **ENERGY PRICES & TAXES**

**Contains a major international compilation of energy prices at all market levels: import prices, industry prices and consumer prices.**

**The statistics cover main petroleum products, gas, coal, and electricity, giving for imported products an average price both for importing country and country of origin.**

**Every issue includes full notes on sources and methods and a description of price mechanisms in each country.**



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INTERNATIONAL ENERGY AGENCY



# ENERGY PRICES & TAXES

QUARTERLY STATISTICS

*SECOND QUARTER*

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# 2008

## INTERNATIONAL ENERGY AGENCY

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The International Energy Agency (IEA) is an autonomous body which was established in November 1974 within the framework of the Organisation for Economic Co-operation and Development (OECD) to implement an international energy programme.

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

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

The IEA member countries are: Australia, Austria, Belgium, Canada, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Japan, Republic of Korea, Luxembourg, Netherlands, New Zealand, Norway, Portugal, Slovak Republic, Spain, Sweden, Switzerland, Turkey, United Kingdom and United States. Poland is expected to become a member in 2008. The European Commission also participates in the work of the IEA.

## ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT

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The OECD is a unique forum where the governments of thirty democracies work together to address the economic, social and environmental challenges of globalisation. The OECD is also at the forefront of efforts to understand and to help governments respond to new developments and concerns, such as corporate governance, the information economy and the challenges of an ageing population. The Organisation provides a setting where governments can compare policy experiences, seek answers to common problems, identify good practice and work to co-ordinate domestic and international policies.

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The European Commission takes part in the work of the OECD.

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## ABBREVIATIONS AND CONVENTIONS USED IN THE TABLES AND NOTES

<b>bbf:</b>	barrel	<b>kV:</b>	kilovolt
<b>Btu:</b>	British thermal unit	<b>kVA:</b>	kilovolt-ampere
<b>CIF:</b>	Cost Insurance Freight	<b>kW:</b>	kilowatt
<b>est:</b>	centistokes	<b>kWh:</b>	kilowatt hour
<b>E.U. Member States:</b>	EU-27 starting in January 2007. EU-25 from May 2004 to December 2006. EU-15 prior to May 2004. Regional averages include only those countries where information is available for that quarter and year.	<b>LFO:</b>	light fuel oil
<b>EU27:</b>	Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom	<b>LSFO:</b>	low sulphur fuel oil
<b>EMU:</b>	Economic and Monetary Union: Austria, Belgium, Cyprus, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Malta, Netherlands, Portugal, Slovenia, Spain	<b>m<sup>3</sup>:</b>	cubic metre (= 1 kl = 1000 litres)
<b>FOB:</b>	Free on Board	<b>MON:</b>	motor octane number
<b>GCV:</b>	gross calorific value	<b>Mt:</b>	million tonnes
<b>GJ:</b>	gigajoule	<b>MWh:</b>	megawatt hour
<b>GST:</b>	goods and services tax	<b>NCV:</b>	net calorific value
<b>HFO:</b>	heavy fuel oil	<b>OECD:</b>	Includes OECD Europe, OECD Pacific and OECD North America.
<b>HSFO:</b>	high sulphur fuel oil	<b>OECD Europe:</b>	Includes Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland (not included in this publication), Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, the Slovak Republic, Spain, Sweden, Switzerland, Turkey and the United Kingdom.
<b>IEA:</b>	Includes IEA Europe, IEA Pacific and IEA North America.	<b>OECD Pacific:</b>	Includes Australia, Japan, Korea and New Zealand.
<b>IEA Europe:</b>	Includes Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, the Slovak Republic, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.	<b>OECD North America:</b>	Includes Canada, Mexico and the United States.
<b>IEA Pacific:</b>	Includes Australia, Japan, Korea, and New Zealand.	<b>PON:</b>	pump octane number (= arithmetic average of RON and MON)
<b>IEA North America:</b>	Includes Canada and the United States.	<b>RdON:</b>	road octane number (equivalent to PON)
<b>kcal:</b>	kilocalorie	<b>RON:</b>	research octane number
<b>kg:</b>	kilogramme	<b>st:</b>	short tonne
<b>kl:</b>	kilolitre (= 1 m <sup>3</sup> )	<b>t:</b>	tonne = metric ton
		<b>tce:</b>	tonne of coal equivalent
		<b>toe:</b>	tonne of oil equivalent = 10 <sup>7</sup> kcal
		<b>VAT:</b>	value added tax
		<b>..</b>	not available, i.e. consumption and/or taxes usually exist but data are not available
		<b>-</b>	nil
		<b>x</b>	not applicable
		<b>c</b>	confidential



## INTRODUCTION

Unless specified otherwise, prices and taxes are presented in national currencies. Economic and Monetary Union (EMU) countries are presented in Euro. For more detailed information, please refer to the General Notes on Definitions, Methods and Sources, page 46.

The Slovak Republic became an OECD member country as of 14 December 2000, and an IEA member as of 30 November 2007. Korea became a member of the IEA on 20 April 2001. Both are included in the corresponding regional totals for all years.

Following the need identified by IEA Energy Ministers for improved information on national and international energy markets, the Standing Group on Long-Term Cooperation of the IEA initiated a quarterly price and tax reporting system in early 1981.

While considerable efforts have been made to ensure comparability, definitions of energy sources and sectors may vary. Gasoline prices are closely comparable between countries while only broad order of magnitude comparisons between coal prices are possible. Please see the general notes at the end of Part I (import prices) and the individual country notes in Part II.B (OECD countries) and Part III.A (non-OECD countries).

Data are collected and compiled by the Energy Statistics Division (ESD) headed by Mr. Jean-Yves Garnier. Ms. Karen Tréanton and Mr. Alex Blackburn have overall production and editorial responsibility, with the help of Mr. Davide D'Ambrosio. Coal import and export prices are the responsibility of Mr. Michel Francoeur with the help of Mr. Alexander Antonyuk and Mr. Paul Tepes. Natural gas and LNG import prices are

the responsibility of Ms. Mieke Reece with the help of Mr. Armel Le Jeune. Mrs. Sharon Burghgraeve provided desktop publishing support.

*Energy Prices & Taxes* is organised as follows:

One or more **Feature Articles** covering price-related energy issues.

**Recent energy price developments** includes an overview of the recent price trends, summary data and graphs.

**Part I** presents crude and oil product spot market prices and crude oil, coal and natural gas import and export costs.

**Part II** includes total real energy indices, individual OECD country end-use prices and taxes for fossil fuels in the industry, household and electricity generation sectors, electricity for households and industry, as well as summary tables for international comparisons.

**Part III** presents detailed end-use prices and taxes for selected non-OECD countries, as well as summary tables for 25 central and Latin America countries (reproduced with the permission of OLADE).

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

All enquiries relating to methodology or coverage should be addressed to [prices@iea.org](mailto:prices@iea.org).

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## Catalogue of Feature Articles\*

- Energy Prices and Taxes in the United States, Andreas Biermann, 1<sup>st</sup> Quarter 2008
- Energy Prices and Taxes in Switzerland, Miika Tommila, 4<sup>th</sup> Quarter 2007
- Refining Activity and Economics, Dave Martin, 3<sup>rd</sup> Quarter 2007
- LNG Markets, Hiroshi Hashimoto, 2<sup>nd</sup> Quarter 2007
- Power Generation Diversification for Efficiency, Reliability and Sustainability, François Nguyen, 2<sup>nd</sup> Quarter 2007
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- Light's Labour's Found: The Impact of Current and Future Policies, Paul Waide, 4<sup>th</sup> Quarter 2006
- Towards More Efficient Pricing and Investment in China's Power Sector, Caroline Varley, 3<sup>rd</sup> Quarter 2006
- Renewable Energy: RD&D Priorities, Renewable Energy Unit, 2<sup>nd</sup> Quarter 2006
- Resources to Reserves: The Oil Price Effect, Christian Besson, 2<sup>nd</sup> Quarter 2006
- The Importance of Price Signals in Liberalised Electricity Markets, Ulrik Stridbaek, 1<sup>st</sup> Quarter 2006
- Pricing and Taxation-Related Policies to Save Oil in the Transport Sector, Lew Fulton and Robert Noland, 4<sup>th</sup> Quarter 2005
- Automotive Fuel Taxation and Autogas Consumption, Trevor Morgan, 3<sup>rd</sup> Quarter 2005
- Impact of Carbon Emission Trading on Electricity Generation Costs, Julia Reinaud, 2<sup>nd</sup> Quarter 2005
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- LNG Cost Reductions and Flexibility in LNG Trade Add to Security of Gas Supply, Sylvie Cornot-Gandolphe, 1<sup>st</sup> Quarter 2005
- Renewable Energy Cost Developments for Electricity Generation, Renewable Energy Unit, 4<sup>th</sup> Quarter 2004
- Steam and Coking Coal Prices, Larry Metzroth, 3<sup>rd</sup> Quarter 2004
- Analysis of the Impact of High Oil Prices on the Global Economy, Economic Analysis Division, 2<sup>nd</sup> Quarter 2004
- Thirty Years of Energy Prices and Savings, Fridtjof Unander, 1<sup>st</sup> Quarter 2004
- World Energy Investment Prospects: Focus on Hydrogen and Fuel Cells, *World Energy Investment Outlook*, 4<sup>th</sup> Quarter 2003
- South American Gas Prices, Asia Pacific and Latin America Division, 4<sup>th</sup> Quarter 2003
- Cool Appliances: Policy Strategies for Energy Efficient Homes, Benoit Lebot and Phil Harrington, 2<sup>nd</sup> Quarter 2003
- Natural Gas Pricing and Taxation in China: The Energy Policy Challenges, Xavier Chen, 1<sup>st</sup> Quarter 2003
- Reforming Transport Taxes and Charges, Stephen Perkins, 1<sup>st</sup> Quarter 2003
- The Economics of Distributed Generation, Peter Fraser, 4<sup>th</sup> Quarter 2002
- Natural Gas Market Liberalisation: A New Context for Flexibility, Sylvie Cornot-Gandolphe, 4<sup>th</sup> Quarter 2002
- Cost Effective Transport Systems: A Case Study of Jakarta, Lew Fulton and Bambang Susantono, 3<sup>rd</sup> Quarter 2002

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# **RECENT ENERGY PRICE DEVELOPMENTS AND SUMMARY DATA**



## RECENT ENERGY PRICE DEVELOPMENTS

### SPOT PRICES<sup>1</sup>

#### *Crude Oil*

Spot crude oil prices surged to new highs above \$100/bbl in **March**, supported by strong distillate markets, rising geopolitical tensions and OPEC's apparent reluctance to reconsider official supply levels ahead of the summer. Oil tracked new highs for a range of commodities, while the U.S. dollar sank to a low against the Euro. Prices continued to defy growing concern about the U.S. and global economy, and the new records were reached on underlying fundamental strength. Atlantic Basin sweets took strength from North Sea outages and competition for distillate-rich West African grades amid tightness in heating oil, kerosene and diesel markets, especially in Europe and Asia. Dated Brent averaged \$103.66/bbl for the month, an increase of 9.1% on February and 66.8% on March 2007. West Texas Intermediate (WTI) increased its premium to Brent, increasing by 10.5% to average \$105.45/bbl.

Crude prices increased again in **April**, taking strength from the Atlantic Basin outages, geopolitical headlines and refiner buying ahead of the return from global peak maintenance. Nigerian light sweet crudes reached record premia over \$5/bbl to Dated Brent on production shut-ins. In Asia too, West African crudes were popular, with a record 1.6 mb/d fixed to travel east for the month. Of this, some 1.2 mb/d were reportedly heading for China, by far the largest volume it had ever imported from that region and a 370 kb/d increase on March. This month Dated Brent averaged \$108.97/bbl, a 5.1% increase and another new record, while WTI increased slightly faster, with 6.8% growth leading to a monthly average price of \$112.63/bbl.

In mid-**May** crude futures topped \$135/bbl as the market balance remained tight, especially for distillates, before sliding down to around \$128/bbl at the end of the month due to the perception that rises in government-set (subsidised) retail prices in Asia would curb

demand growth. Diesel's strength led to distillate-rich crudes being sought after; in the United States, Louisiana Light Sweet (LLS) rose to a premium of around \$4.50/bbl over WTI, though the latter was also pressured by rising crude stocks at the delivery point of Cushing, Oklahoma. In Europe, Dated Brent remained strong on healthy cracking margins, and averaged \$122.73/bbl, a 12.6% increase and another new record.

#### *Oil Products*

Middle distillates crack spreads saw large absolute gains in **March**, in many cases rising to record-high premia over benchmark crudes. In Asia, China again imported a high 150 kb/d of gasoil to cover shortages, while a refinery outage in South Korea led to lower regional supplies. Fuel oil discounts to crude remained low by historical standards, and hit record-wide differentials mid-month. Premium unleaded gasoline at Rotterdam increased month-on-month by 5.1%, going up to \$105.44/bbl, while on the same market 0.1% gas oil increased by 11.7% to \$127.80/bbl.

On average, gasoline crack spreads increased in **April**, but remained far below usual seasonal levels. Distillates also rose, with crack spreads unusually high for all products. Structurally-short Europe was hit by the impact of the Grangemouth and Pembroke refinery shut-ins, with some U.S. cargoes crossing the Atlantic to make up for the shortfall. Fuel oil weakened further, again showing record discounts to crude. Over the month, premium unleaded gasoline at Rotterdam averaged \$115.22/bbl, while ultra-low sulphur diesel (ULSD) increased by 15.2% up to \$134.66/bbl, and kerosene oil rose 8.2% to \$145.46/bbl.

Gasoline cracks began to pick up in **May**, as the northern hemisphere summer driving season started; however, they remained well below norm seasonal levels, and month-on-month were still down. Distillate crack spreads on average gained ground, remaining a significant driving force behind strong oil prices. Fuel oil discounts to crude remained wide, though some support was expected to come from electricity use for summer cooling. Premium unleaded gasoline increased by 10.0% compared to the previous month, averaging \$126.79/bbl, while gas oil grew by 15.2% to \$158.88/bbl.

1. Spot price analysis is based on the IEA's *Oil Market Report*. For more information, please visit the web site [www.oilmarketreport.org](http://www.oilmarketreport.org).

## IMPORT COSTS

### Crude Oil

#### Import Costs (USD/barrel)

Crude oil import costs in the IEA member countries increased in the first quarter of 2008 by 8.9%. All major countries reported increases compared to the previous quarter, notably Spain (+10.4%), Japan (+10.3%) and the United Kingdom (+10.3%). Year on year average costs in IEA member countries increased by 66.2%, with Spain increasing the most (+82.3%).

	IEA	Europe	France	Germany	Italy
1Q2006	58.1	59.5	60.8	60.0	59.0
2Q2006	65.1	66.3	67.5	66.7	66.0
3Q2006	67.0	67.4	68.3	68.1	67.8
4Q2006	56.9	57.9	58.7	58.2	57.7
1Q2007	55.4	55.7	57.3	56.8	55.3
2Q2007	64.9	66.6	67.8	67.3	66.2
3Q2007	71.9	73.4	74.4	74.4	72.9
4Q2007	84.6	86.9	88.2	87.8	86.4
1Q2008	92.1	95.6	96.8	96.6	94.8
Percent change 1Q2008 from					
1Q2007	+66.2	+71.6	+68.9	+70.1	+71.4
4Q2007	+8.9	+10.0	+9.8	+10.0	+9.7

	Japan	Korea	Spain	UK	USA
1Q2006	60.2	59.5	58.4	61.3	54.4
2Q2006	65.8	65.4	64.6	68.8	63.1
3Q2006	70.6	68.1	64.4	69.9	64.7
4Q2006	60.0	58.5	56.6	59.6	53.7
1Q2007	57.6	57.0	51.9	57.9	53.4
2Q2007	65.8	66.3	65.6	69.2	61.8
3Q2007	71.6	71.7	72.1	75.9	70.1
4Q2007	84.8	84.7	85.7	89.4	81.4
1Q2008	93.5	93.3	94.6	98.6	86.4
Percent change 1Q2008 from					
1Q2007	+62.3	+63.7	+82.3	+70.3	+61.8
4Q2007	+10.3	+10.2	+10.4	+10.3	+6.1

#### Index of Real Crude Oil Import Costs (in national currencies, 2000=100)

The national currency index of crude oil import costs (current price deflated using the country-specific producer price index) in IEA member countries increased by 6.3% during the first quarter of 2008. All major countries reported increases, the United Kingdom showing the largest (+14.2%). Year on year, the national currency index for total IEA was 48.1% higher, with the largest increase again in the United Kingdom (+63.0%).

	IEA	Europe	France	Germany	Italy
1Q2006	169.9	149.0	156.6	151.2	142.2
2Q2006	182.7	157.2	165.1	158.9	149.2
3Q2006	187.1	156.2	163.0	158.8	149.1
4Q2006	158.7	132.3	137.6	133.9	125.5
1Q2007	154.2	124.6	131.7	128.0	117.9
2Q2007	172.5	142.6	150.5	145.8	135.5
3Q2007	189.0	152.8	161.2	157.0	145.0
4Q2007	214.8	170.4	181.4	174.4	160.1
1Q2008	228.3	180.5	190.5	183.8	167.2
Percent change 1Q2008 from					
1Q2007	+48.1	+44.9	+44.6	+43.6	+41.8
4Q2007	+6.3	+5.9	+5.0	+5.4	+4.4

	Japan	Korea	Spain	UK	USA
1Q2006	228.7	163.4	140.5	172.0	171.0
2Q2006	242.1	173.7	146.7	183.1	193.1
3Q2006	261.1	179.0	143.2	180.2	197.6
4Q2006	224.8	153.4	125.4	150.9	166.3
1Q2007	219.1	150.4	111.7	142.0	163.7
2Q2007	249.3	168.5	135.4	165.3	183.4
3Q2007	262.3	180.2	144.6	176.9	207.2
4Q2007	301.5	207.5	160.5	202.6	237.1
1Q2008	309.5	235.1	170.3	231.4	250.3
Percent change 1Q2008 from					
1Q2007	+41.3	+56.3	+52.5	+63.0	+52.9
4Q2007	+2.7	+13.3	+6.1	+14.2	+5.6

### Coal

#### Steam Coal Average CIF Import Costs (USD/tonne)

In the fourth quarter of 2007, average steam coal import costs increased for total OECD countries by 17.3%, with notable increases in the Netherlands (+21.1%), Spain (+20.5%) and the United Kingdom (+20.3%). Compared to a year earlier, average costs increased by 29.0%, with increases in all major countries, with Italy providing the biggest increase (+41.9%).

	OECD	EU	France	Germany	Italy
1Q2006	61.9	67.1	70.4	69.4	66.9
2Q2006	62.9	68.3	77.0	69.1	66.9
3Q2006	63.0	70.1	73.4	70.4	69.8
4Q2006	65.6	73.3	71.3	71.6	73.0
1Q2007	65.4	72.8	72.4	73.3	75.6
2Q2007	68.5	76.8	78.9	76.1	79.1
3Q2007	72.1	82.2	83.8	80.8	87.4
4Q2007	84.6	96.3	99.0	93.2	103.6
1Q2008	..	..	..	..	..
Percent change 4Q2007 from					
4Q2006	+29.0	+31.4	+38.8	+30.2	+41.9
3Q2007	+17.3	+17.2	+18.1	+15.3	+18.5



	Japan	Neth.	Spain	UK	USA
1Q2006	63.3	67.5	59.4	66.6	48.8
2Q2006	63.3	66.5	59.8	68.4	52.8
3Q2006	62.9	69.6	59.6	70.8	50.2
4Q2006	63.9	70.7	63.3	73.5	50.7
1Q2007	64.1	69.1	62.9	74.8	48.9
2Q2007	67.1	73.6	67.4	78.8	48.6
3Q2007	73.1	78.8	73.8	83.6	48.5
4Q2007	78.5	95.4	88.9	100.6	52.4
1Q2008	..	..	..	..	..
<i>Percent change 4Q2007 from</i>					
4Q2006	+22.8	+34.9	+40.4	+36.9	+3.4
3Q2007	+7.4	+21.1	+20.5	+20.3	+8.0

### Coking Coal Average CIF Import Costs (USD/tonne)

The average coking coal import costs for total OECD countries increased by 3.8% during the fourth quarter of 2007. Italy showed the largest increase (+10.1%), followed by France (+8.1) and Belgium (+5.6%). Compared to a year earlier, the total OECD average cost has increased by 1.9%, with Italy again providing the largest increase (+13.7%), followed by the Netherlands (+4.9%). The United Kingdom (-6.4%) and Spain (-3.0%) reported the largest decreases.

	OECD	EU	Belgium	France	Germany
1Q2006	112.7	130.4	127.4	139.7	135.8
2Q2006	110.2	126.3	139.8	142.2	139.6
3Q2006	100.3	123.8	126.3	128.6	135.7
4Q2006	103.5	123.7	116.2	126.0	133.6
1Q2007	102.8	124.3	121.7	128.3	134.5
2Q2007	104.4	124.0	130.3	123.5	135.5
3Q2007	101.6	124.3	112.1	118.8	130.9
4Q2007	105.5	130.3	118.4	128.4	132.6
1Q2008	..	..	..	..	..
<i>Percent change 4Q2007 from</i>					
4Q2006	+1.9	+5.3	+1.9	+1.9	-0.7
3Q2007	+3.8	+4.8	+5.6	+8.1	+1.3

	Italy	Japan	Neth.	Spain	UK
1Q2006	118.6	99.7	125.7	140.4	137.4
2Q2006	109.6	98.8	128.3	140.0	128.9
3Q2006	108.4	86.5	122.3	129.5	121.6
4Q2006	111.9	88.3	125.9	131.0	125.8
1Q2007	115.0	87.5	128.1	125.9	119.4
2Q2007	114.3	89.8	118.3	127.1	120.7
3Q2007	115.5	86.9	126.0	120.5	123.2
4Q2007	127.2	89.6	132.1	127.1	117.8
1Q2008	..	..	..	..	..
<i>Percent change 4Q2007 from</i>					
4Q2006	+13.7	+1.5	+4.9	-3.0	-6.4
3Q2007	+10.1	+3.1	+4.8	+5.5	-4.4

## END-USE PRICE INDICES (2000 = 100)

All indices in this section are constant or real price indices. Real price indices are calculated using the Paasche method and deflated using the country-specific producer price index (industrial sector) and the consumer price index (household sector).

### Total Energy

The OECD total energy end-use price index (a combined industry and household index including oil products, coal, natural gas and electricity) increased by 2.5% during the first quarter of 2008. The country reporting the largest increase was Australia (+7.0%). Year on year, the index for total OECD countries increased by 11.4%, with the United States (+15.7%) and Australia (+13.8%) providing the largest increases.

	OECD	Europe	Pacific	N. Amer.
1Q2006	122.9	116.2	113.9	130.3
2Q2006	129.4	119.2	115.9	140.5
3Q2006	130.8	119.6	118.9	142.3
4Q2006	119.5	115.0	113.1	124.6
1Q2007	119.8	114.4	112.4	125.8
2Q2007	128.2	116.1	113.7	141.1
3Q2007	128.3	116.6	117.2	139.8
4Q2007	130.2	119.7	120.2	140.7
1Q2008	133.4	122.9	123.2	143.7
<i>Percent change 1Q2008 from</i>				
1Q2007	+11.4	+7.4	+9.6	+14.2
4Q2007	+2.5	+2.7	+2.5	+2.1

### Industry

The industry real price index for total OECD increased by 3.5% during the first quarter of 2008; Australia (+11.6%) and Ireland (+6.8%) recorded the largest increases. Compared to the first quarter of 2007 the total index increased by 11.0%. The United States (+15.5%) and France (+15.7%) provided the biggest increases, while Austria (-5.4%) and the Netherlands (-4.4%) reported the largest decreases.

	OECD	Europe	Pacific	N. Amer.
1Q2006	131.4	124.8	120.3	143.0
2Q2006	131.2	125.7	121.0	141.4
3Q2006	132.2	125.3	122.6	143.4
4Q2006	126.4	122.0	118.1	134.5
1Q2007	125.9	120.0	118.0	135.5
2Q2007	127.7	120.1	118.4	139.5
3Q2007	128.8	121.4	121.6	139.5
4Q2007	135.1	127.4	124.3	147.7
1Q2008	139.8	130.8	128.3	154.2
<i>Percent change 1Q2008 from</i>				
1Q2007	+11.0	+9.0	+8.7	+13.8
4Q2007	+3.5	+2.7	+3.2	+4.4

## Households

During the first quarter of 2008, the real energy price index for households in OECD countries increased by 1.8%. The largest increases occurred in Norway (+7.9%), Hungary (+7.8%) and Belgium (+6.3%). Year on year, the index increased by 11.8%, with the United States (+15.8%) reporting the largest increase.

	OECD	Europe	Pacific	N. Amer.
1Q2006	118.8	109.6	109.6	125.3
2Q2006	129.5	114.5	112.4	140.5
3Q2006	131.2	115.5	116.2	142.2
4Q2006	116.3	109.9	109.6	120.8
1Q2007	117.0	110.4	108.6	122.1
2Q2007	130.0	113.3	110.5	142.2
3Q2007	129.2	113.2	114.0	140.3
4Q2007	128.5	114.0	117.2	138.1
1Q2008	130.8	117.2	119.6	139.8
<i>Percent change 1Q2008 from</i>				
1Q2007	+11.8	+6.2	+10.1	+14.5
4Q2007	+1.8	+2.8	+2.0	+1.2

## Heavy Fuel Oil for Industry

During the first quarter of 2008, the OECD industry index for heavy fuel oil increased by 5.4%, with Mexico (+14.5%), Japan (+10.3%) and the Netherlands (+8.9%) reporting the largest increases. Compared to the first quarter of 2007, the price index in OECD countries increased by 40.6%, with the biggest increases occurring in Mexico (+72.8), the Czech Republic (+61.0%) and the United States (+54.9%). Ireland reported the only decrease (-14.1%).

	OECD	Europe	Pacific	N. Amer.
1Q2006	162.5	151.2	173.4	167.8
2Q2006	168.7	150.9	190.3	173.0
3Q2006	168.8	149.3	197.6	168.9
4Q2006	152.1	133.2	183.2	149.4
1Q2007	145.7	127.0	173.1	146.1
2Q2007	160.4	140.9	184.7	164.7
3Q2007	171.8	150.8	190.7	183.0
4Q2007	194.4	165.9	213.5	215.6
1Q2008	204.9	169.1	232.3	228.5
<i>Percent change 1Q2008 from</i>				
1Q2007	+40.6	+33.1	+34.2	+56.4
4Q2007	+5.4	+1.9	+8.8	+6.0

## Light Fuel Oil

### Industry

Light fuel oil (middle distillates) used for industry and manufacturing increased by 6.7% during the first quarter of 2008. Increases occurred in all three OECD regions, with notable increases in Norway (+11.2%) and Ireland (+10.6%). Compared to the previous year, the price index increased in the OECD by 38.4%, with the biggest increases occurring in Mexico (+55.4%) and the United States (+47.7%).

	OECD	Europe	Pacific	N. Amer.
1Q2006	163.0	140.4	178.5	172.5
2Q2006	173.7	147.3	182.6	189.2
3Q2006	173.5	145.7	193.2	184.8
4Q2006	158.0	132.9	178.9	166.6
1Q2007	152.0	125.7	170.2	163.0
2Q2007	163.7	132.9	178.6	179.8
3Q2007	172.4	138.8	186.7	190.9
4Q2007	197.1	153.7	206.7	225.1
1Q2008	210.3	161.7	224.3	240.2
<i>Percent change 1Q2008 from</i>				
1Q2007	+38.4	+28.6	+31.8	+47.4
4Q2007	+6.7	+5.2	+8.5	+6.7

## Households

During the first quarter of 2008, the OECD light fuel oil real price index for heating private homes increased by 6.3%. Increases were reported in most OECD countries, with the biggest increases occurring in Norway (+12.8%) and Canada (+12.6%). Year on year the index for total OECD countries increased by 31.4%, with the United Kingdom (+46.8%), Switzerland (+41.9%) and Germany (+36.9%) reporting the largest increases.

	OECD	Europe	Pacific	N. Amer.
1Q2006	141.6	126.6	163.0	160.0
2Q2006	149.2	136.7	166.2	165.0
3Q2006	150.6	137.7	173.1	163.5
4Q2006	137.3	121.3	159.2	157.5
1Q2007	131.5	113.3	149.6	158.9
2Q2007	138.1	122.2	153.8	162.4
3Q2007	145.6	129.0	169.1	165.9
4Q2007	162.6	141.8	185.1	192.9
1Q2008	172.8	149.5	195.7	208.2
<i>Percent change 1Q2008 from</i>				
1Q2007	+31.4	+32.0	+30.8	+31.0
4Q2007	+6.3	+5.4	+5.7	+7.9

## Automotive Diesel

### Commercial Use

During the first quarter of 2008, the commercial price index for automotive diesel increased by 3.7% in OECD countries. This was led by a 9.2% increase in Finland, followed by a 7.5% increase in Sweden. The total OECD index was 19.6% higher than in the first quarter 2007. The United States led this trend with an increase of 28.4%, followed by Canada (+20.9%).

	OECD	Europe	Pacific	N. Amer.
1Q2006	130.4	117.1	149.8	140.1
2Q2006	137.9	120.1	156.0	153.5
3Q2006	139.0	119.2	157.3	157.0
4Q2006	128.1	112.2	148.9	140.5
1Q2007	125.8	109.4	145.7	139.2
2Q2007	131.5	113.1	150.2	147.8
3Q2007	134.6	115.1	155.8	151.4
4Q2007	145.1	121.7	164.3	167.2
1Q2008	150.5	124.7	169.7	175.7
<i>Percent change 1Q2008 from</i>				
1Q2007	+19.6	+14.0	+16.5	+26.2
4Q2007	+3.7	+2.5	+3.3	+5.1

## Non-Commercial Use

Following a similar trend to commercial use, the OECD index for the non-commercial use of automotive diesel (private vehicles) increased by 4.7% during the first quarter of 2008. All OECD regions reported increases, the largest of which was North America (+6.2%). Compared to a year earlier, the price index in OECD countries increased by 22.8%, with increases reported across all regions, with North America showing again the largest increase (+30.9%).

	OECD	Europe	Pacific	N. Amer.
1Q2006	127.4	114.7	146.1	141.1
2Q2006	136.2	118.2	155.9	156.6
3Q2006	137.7	118.1	157.2	160.1
4Q2006	125.5	110.4	143.6	142.4
1Q2007	123.5	108.3	140.0	140.6
2Q2007	130.3	112.0	146.2	151.7
3Q2007	133.4	114.6	149.6	155.6
4Q2007	144.8	121.2	161.4	173.3
1Q2008	151.6	124.8	168.2	184.1
<i>Percent change 1Q2008 from</i>				
1Q2007	+22.8	+15.2	+20.1	+30.9
4Q2007	+4.7	+3.0	+4.2	+6.2

## Unleaded Gasoline

The unleaded gasoline real price index in OECD countries increased during the first quarter of 2008, growing by 3.1%. Canada reported the largest increase (+6.1%), followed by Finland (+5.8%) and Sweden (+4.5%). Compared to the previous year, the index was up by 21.2%; all three regions reported increases, with North America increasing the most (+24.3%).

	OECD	Europe	Pacific	N. Amer.
1Q2006	126.1	104.5	121.6	132.4
2Q2006	144.9	110.7	127.6	156.6
3Q2006	144.5	110.3	135.6	154.9
4Q2006	121.2	99.5	123.3	126.5
1Q2007	123.8	100.2	120.1	130.6
2Q2007	147.3	108.1	123.7	161.3
3Q2007	141.8	108.1	129.7	152.6
4Q2007	145.6	108.6	135.5	157.0
1Q2008	150.1	110.4	138.9	162.3
<i>Percent change 1Q2008 from</i>				
1Q2007	+21.2	+10.2	+15.7	+24.3
4Q2007	+3.1	+1.7	+2.5	+3.4

## Natural Gas

### Industry

The OECD natural gas real price index for industry increased by 8.6% during the first quarter of 2008, this being led by increases in the United States (+16.5%) and Mexico (+15.9%). Compared to the first quarter of 2007 the index increased by 2.7%. Decreases in Canada (-12.5%) and Spain (-2.4%) contrasted with increases in France (+17.7%) and the Czech Republic (+13.7%).

	OECD	Europe	Pacific	N. Amer.
1Q2006	182.0	165.5	118.8	200.9
2Q2006	150.2	151.7	115.5	153.2
3Q2006	144.6	149.7	117.0	144.1
4Q2006	149.5	155.9	117.2	148.7
1Q2007	154.1	153.0	114.3	159.5
2Q2007	150.2	140.1	115.7	161.3
3Q2007	137.2	141.0	117.5	136.7
4Q2007	145.7	151.0	119.5	145.0
1Q2008	158.2	158.3	119.1	162.7
<i>Percent change 1Q2008 from</i>				
1Q2007	+2.7	+3.5	+4.2	+2.0
4Q2007	+8.6	+4.8	-0.3	+12.2

### Households

In the first quarter of 2008, the natural gas household real price index remained constant. Decreases in Canada (-27.8%) and Korea (-5.2%) were offset by increases in the Netherlands (+10.9%) and the United Kingdom (+8.4%). Year on year, the index decreased by 1.0%, with increases in the Pacific region (+5.3%) contrasting with decreases in Europe (-1.2%) and North America (-1.8%).

	OECD	Europe	Pacific	N. Amer.
1Q2006	133.6	123.4	108.8	147.9
2Q2006	135.1	129.6	108.8	144.9
3Q2006	145.7	134.6	111.2	162.5
4Q2006	131.1	136.9	111.1	128.5
1Q2007	130.9	139.5	110.5	125.8
2Q2007	135.9	136.0	110.6	139.9
3Q2007	145.2	133.4	114.4	162.1
4Q2007	129.7	131.4	117.0	130.1
1Q2008	129.6	137.8	116.4	123.5
<i>Percent change 1Q2008 from</i>				
1Q2007	-1.0	-1.2	+5.3	-1.8
4Q2007	-0.1	+4.9	-0.5	-5.1

## Coal for Industry

The total OECD real price index for steam and coking coal end-user prices increased by 4.3% during the first quarter of 2008, with price increases occurring in all regions. Compared to a year earlier, the OECD index increased by 3.9%, with Poland showing the sharpest increase (+34.0%).

	OECD	Europe	Pacific	N. Amer.
1Q2006	181.3	147.3	218.4	156.7
2Q2006	174.6	139.7	210.1	153.8
3Q2006	166.4	137.9	192.6	154.3
4Q2006	169.6	140.8	195.9	157.5
1Q2007	173.1	143.6	200.7	159.5
2Q2007	174.3	141.7	207.9	154.3
3Q2007	171.3	141.0	201.5	154.4
4Q2007	172.5	149.5	198.8	153.8
1Q2008	179.9	169.8	201.8	153.9
<i>Percent change 1Q2008 from</i>				
1Q2007	+3.9	+18.2	+0.5	-3.5
4Q2007	+4.3	+13.6	+1.5	+0.1

## Electricity

### Industry

During the first quarter of 2008, the OECD electricity index in the industry sector decreased by 0.7%; Norway reported the largest decrease (-6.7%), followed by Portugal (-2.2%). Compared to the first quarter of 2007, the OECD index was 2.9% lower. Korea reported the largest decrease (-7.2%), followed by Portugal (-6.8%), while Poland reported the largest increase (+15.9%).

	OECD	Europe	Pacific	N. Amer.
1Q2006	117.9	132.9	94.7	115.3
2Q2006	116.2	130.7	91.4	114.9
3Q2006	120.1	132.3	94.9	121.2
4Q2006	119.1	136.1	92.3	116.3
1Q2007	119.0	135.2	95.0	115.5
2Q2007	115.1	128.7	91.2	114.1
3Q2007	117.6	127.2	95.1	119.8
4Q2007	116.4	131.2	91.8	114.5
1Q2008	115.6	132.2	89.7	111.2
<i>Percent change 1Q2008 from</i>				
1Q2007	-2.9	-2.2	-5.6	-3.7
4Q2007	-0.7	+0.8	-2.3	-2.9

### Households

The electricity OECD real price index for households decreased in the first quarter of 2008, by 0.4%. Prices decreased in North America (-3.0%) while growing in Europe (+3.3%) and the Pacific (+1.4%). Compared to the same period the previous year, the OECD index was 0.7% lower, with decreases of 0.7% in Europe and 1.4% in North America, while the Pacific region increased, going up by 2.4%.

	OECD	Europe	Pacific	N. Amer.
1Q2006	104.1	109.0	95.5	103.9
2Q2006	108.1	110.6	95.3	110.5
3Q2006	110.1	112.1	97.2	112.7
4Q2006	107.0	113.5	95.3	106.8
1Q2007	106.1	113.9	96.3	104.7
2Q2007	107.8	110.5	96.7	109.5
3Q2007	108.3	109.5	98.2	110.6
4Q2007	105.8	109.5	97.2	106.4
1Q2008	105.4	113.1	98.6	103.2
<i>Percent change 1Q2008 from</i>				
1Q2007	-0.7	-0.7	+2.4	-1.4
4Q2007	-0.4	+3.3	+1.4	-3.0

## TAXES AND DUTIES

### Households

	VAT % <sup>1</sup>						Excise Tax Amounts <sup>2</sup>					
	LFO <sup>3</sup>	Auto Diesel	Unleaded Gasoline <sup>4</sup>	Natural Gas	Steam Coal	Electr.	LFO <sup>3</sup>	Auto Diesel	Unleaded Gasoline <sup>4</sup>	Natural Gas	Steam Coal	Electr.
Australia	..	10.0	10.0	..	..	..	..	0.381	0.381	..	..	..
Austria	20.0	20.0	20.0	20.0	..	20.0	<b>109.4</b>	<b>0.386</b>	<b>0.485</b>	69.34	<b>50.00</b>	<b>0.0238</b>
Belgium	21.0	21.0	21.0	..	12.0	..	18.49	0.318	0.623	..	-	..
Canada	11.3	..	7.0	7.0	..	..	-	..	0.252	..	..	..
Czech Rep.	19.0	19.0	19.0	19.0	19.0	19.0	660.0	9.950	11.84	-	-	-
Denmark	25.0	25.0	25.0	25.0	..	25.0	<b>2137</b>	2.730	<b>4.103</b>	2 242	..	<b>0.6750</b>
Finland	22.0	22.0	22.0	22.0	x	22.0	<b>87.00</b>	<b>0.364</b>	<b>0.627</b>	<b>22.00</b>	x	<b>0.0088</b>
France	19.6	19.6	19.6	17.7	..	16.6	56.60	<b>0.428</b>	<b>0.606</b>	-	..	0.0122
Germany	19.0	19.0	19.0	..	..	16.0	61.35	0.470	0.655	..	..	-
Greece	19.0	19.0	19.0	9.0	x	9.0	260.0	0.260	0.313	-	x	-
Hungary	x	20.0	20.0	20.0	20.0	20.0	x	88.01	106.5	-	-	-
Ireland	13.5	21.0	21.0	13.5	..	13.5	47.36	0.368	0.443	-	..	-
Italy	20.0	20.0	20.0	..	..	10.0	403.2	0.423	0.564	..	..	<b>0.0359</b>
Japan	5.0	5.0	5.0	5.0	..	5.0	-	32.10	53.80	-	..	0.4000
Korea	10.0	10.0	10.0	10.0	..	..	<b>72 450</b>	<b>505.50</b>	<b>720.0</b>	<b>72 221</b>	..	..
Luxembourg	12.0	15.0	15.0	6.0	x	6.0	10.00	<b>0.302</b>	0.462	-	x	0.0080
Mexico	..	15.0	15.0	15.0	x	15.0	..	-	-	-	x	-
Netherlands	19.0	19.0	19.0	19.0	..	19.0	<b>220.16</b>	<b>0.413</b>	<b>0.697</b>	<b>184.87</b>	..	<b>0.0064</b>
New Zealand	..	12.5	12.5	12.5	..	12.5	..	0.0036	0.505	20.50	..	-
Norway	25.0	25.0	25.0	x	..	25.0	<b>1 395</b>	<b>3.850</b>	<b>5.100</b>	x	..	<b>0.1050</b>
Poland	22.0	22.0	22.0	22.0	22.0	22.0	233.0	<b>1.193</b>	<b>1.648</b>	-	-	0.0200
Portugal	12.0	21.0	21.0	5.0	..	5.0	137.20	0.364	0.583	-	..	-
Slovak Rep.	..	19.0	19.0	19.0	..	19.0	..	14.50	15.50	-	..	-
Spain	16.0	16.0	16.0	16.0	..	16.0	84.71	0.302	0.396	-	..	0.0055
Sweden	25.0	25.0	25.0	..	x	..	<b>3 647</b>	<b>4.160</b>	<b>5.290</b>	..	x	..
Switzerland	7.6	7.6	7.6	7.6	x	7.6	<b>32.90</b>	<b>0.774</b>	0.735	<b>33.00</b>	x	-
Turkey	18.0	18.0	18.0	18.0	18.0	18.0	760.5	0.835	1.363	-	-	<b>0.0119</b>
UK	5.0	17.5	17.5	5.0	5.0	5.0	<b>96.90</b>	0.504	0.504	-	-	-
USA	..	..	..	..	..	..	..	..	..	..	..	..

Note: Taxes shown are the most recent available. Taxes shown in bold have changed since the previous quarter's publication. Taxes are shown in national currency per unit (for Turkey in New Turkish Lira). Euro is the national currency for European Monetary Union countries. See country notes for details.

1. GST tax for Canada and New Zealand; consumption tax for Japan.

2. Excises taxes include all non-VAT taxes levied on energy.

3. Kerosene for Japan and Korea.

4. Regular unleaded for Australia, Canada, Japan and Korea; premium unleaded 95 for all other countries.

.. not available

x not applicable

- nil

c confidential

*Industry*

	VAT % <sup>1</sup>		Excise Tax Amounts <sup>2</sup>							
	HFO	Coking Coal	LFO <sup>3</sup>	Automotive Diesel	HSFO	LSFO	Natural Gas	Steam Coal	Coking Coal	Electricity
Australia	..	..	..	..	..	..	..	..	..	..
Austria	-	-	108.3	0.385	..	67.70	..	50.00	..	0.0181
Belgium	-	-	18.49	0.318	x	15.00	c	..	..	..
Canada	7.0	..	..	0.178	..	..	..	..	..	..
Czech Rep.	-	..	660.0	9.950	472.0	472.0	<b>356.0</b>	c	c	<b>0.0280</b>
Denmark	-	x	<b>222.3</b>	2.730	..	<b>365.2</b>	c	..	x	0.0500
Finland	-	-	<b>87.00</b>	<b>0.364</b>	..	<b>67.00</b>	<b>22.00</b>	44.70	<b>50.50</b>	<b>0.0026</b>
France	-	-	56.60	<b>0.428</b>	18.50	18.50	11.18	..	-	0.0045
Germany	-	-	61.35	0.470	..	25.00	..	..	-	-
Greece	-	-	260.0	0.260	19.00	19.00	-	..	..	-
Hungary	-	..	..	88.01	..	6 925	2 345	..	c	0.1860
Ireland	-	x	47.36	0.368	13.63	..	-	..	x	-
Italy	-	-	403.2	0.423	..	31.39	..	-	-	0.0408
Japan	5.0	5.0	-	32.10	-	-	-	-	-	0.40
Korea	10.0	..	<b>72 450</b>	..	20 703	20 703	<b>72 221</b>	..	..	..
Luxembourg	x	x	21.00	<b>0.302</b>	x	..	..	..	x	..
Mexico	-	..	-	-	-	..	-	x	..	-
Netherlands	-	-	<b>220.2</b>	<b>0.413</b>	x	32.11	..	..	..	c
New Zealand	-	..	-	0.004	-	..	19.50	c	c	-
Norway	..	x	<b>1 395</b>	<b>3.850</b>	x	..	x	..	x	-
Poland	-	-	233.0	<b>1.193</b>	60.00	60.00	-	-	-	0.0200
Portugal	-	-	..	0.364	x	15.30	-	..	..	-
Slovak Rep.	-	-	-	14.50	x	-	-	..	..	-
Spain	..	..	84.71	0.302	..	15.00	-	..	c	<b>0.0032</b>
Sweden	-	-	<b>605</b>	<b>4.160</b>	x	<b>3 965</b>	..	..	..	..
Switzerland	-	x	<b>32.9</b>	<b>0.774</b>	x	4.70	<b>33.0</b>	-	x	-
Turkey	18.0	18.0	..	0.835	204.0	..	<b>25.1</b>	-	-	<b>0.0052</b>
UK	-	-	76.90	0.504	x	94.20	<b>4.25</b>	<b>4.32</b>	..	0.0019
USA	..	..	..	..	..	..	..	..	..	..

Note: Taxes shown are the most recent available. Taxes shown in bold have changed since the previous quarter's publication. Taxes are shown in national currency per unit (for Turkey in New Turkish Lira). Euro is the national currency for European Monetary Union countries. See country notes for details.

1. GST tax for Canada and New Zealand; consumption tax for Japan.

2. Excises taxes include all non-VAT taxes levied on energy.

3. Kerosene for Japan and Korea.

.. not available

x not applicable

- nil

c confidential

Figure 1 - Crude Oil Spot Market Prices \*

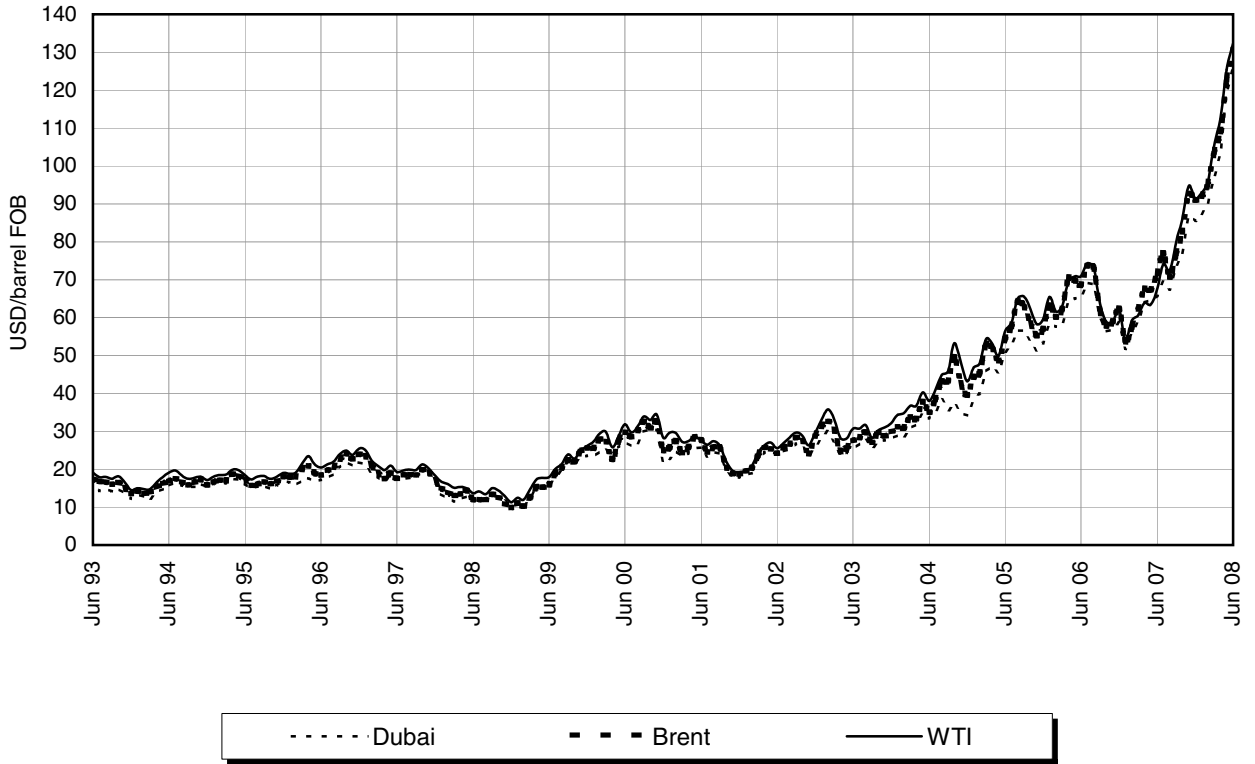
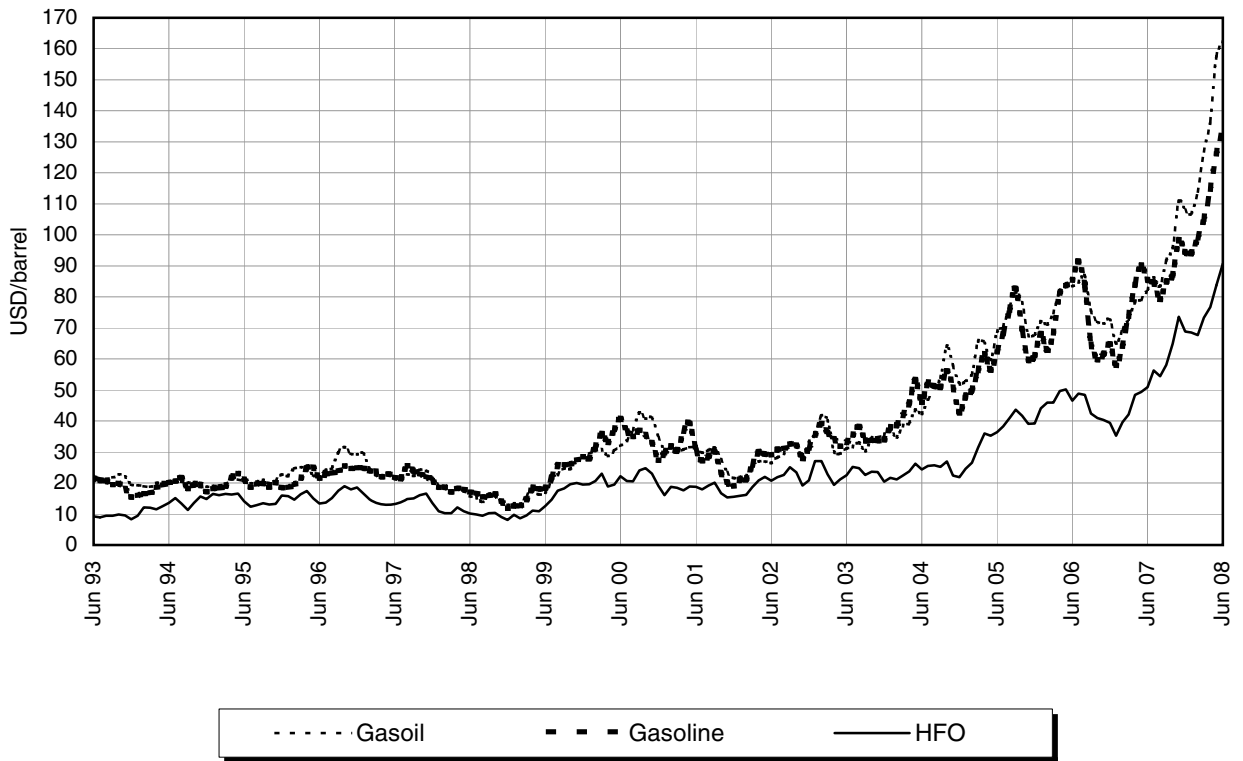
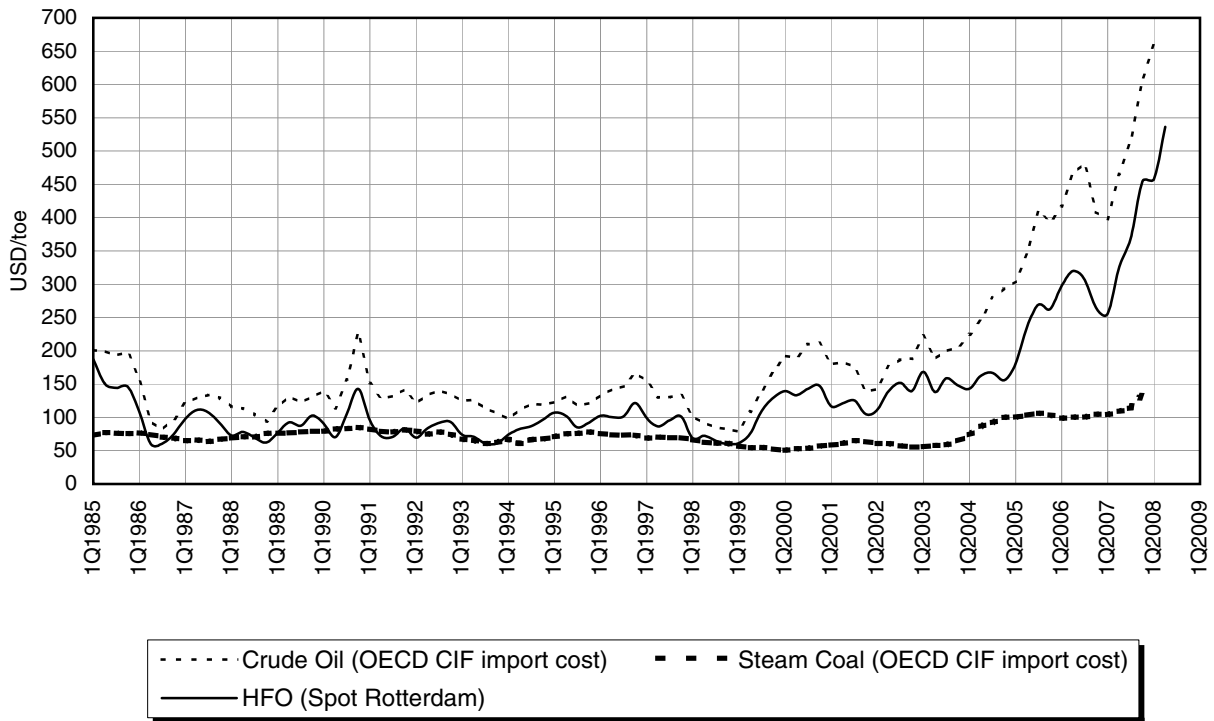


Figure 2 - Rotterdam Spot Market Oil Product Prices \*

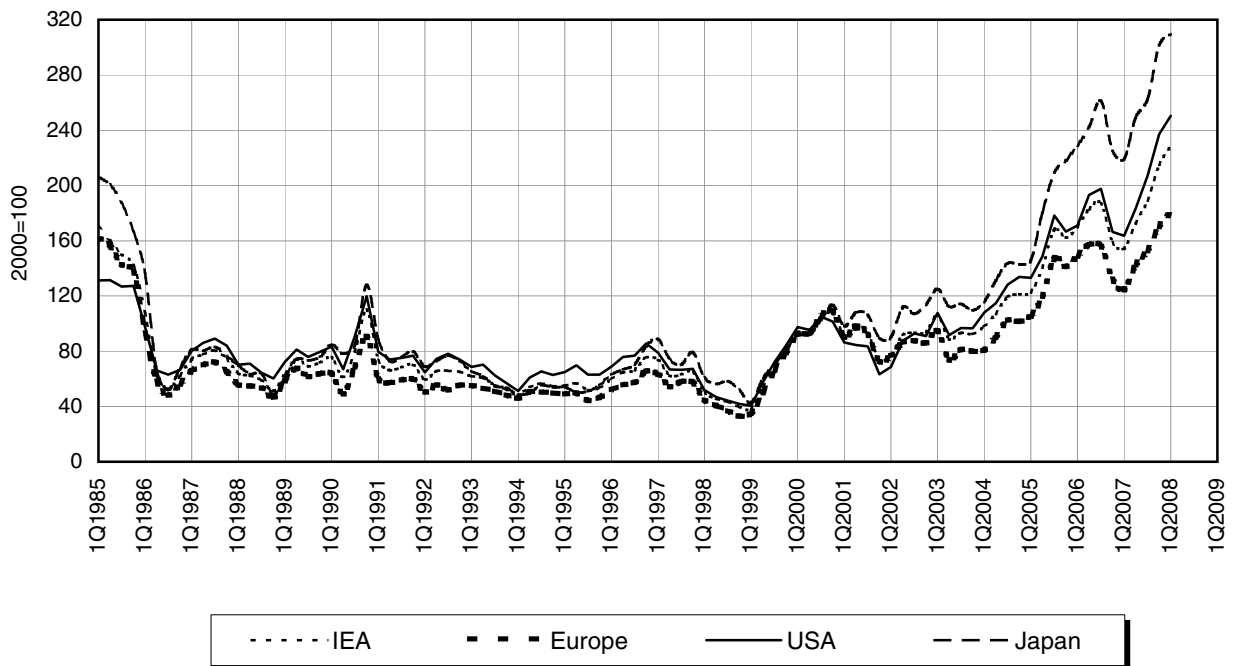


\* Monthly averages

**Figure 3 - International Fuel Values \***



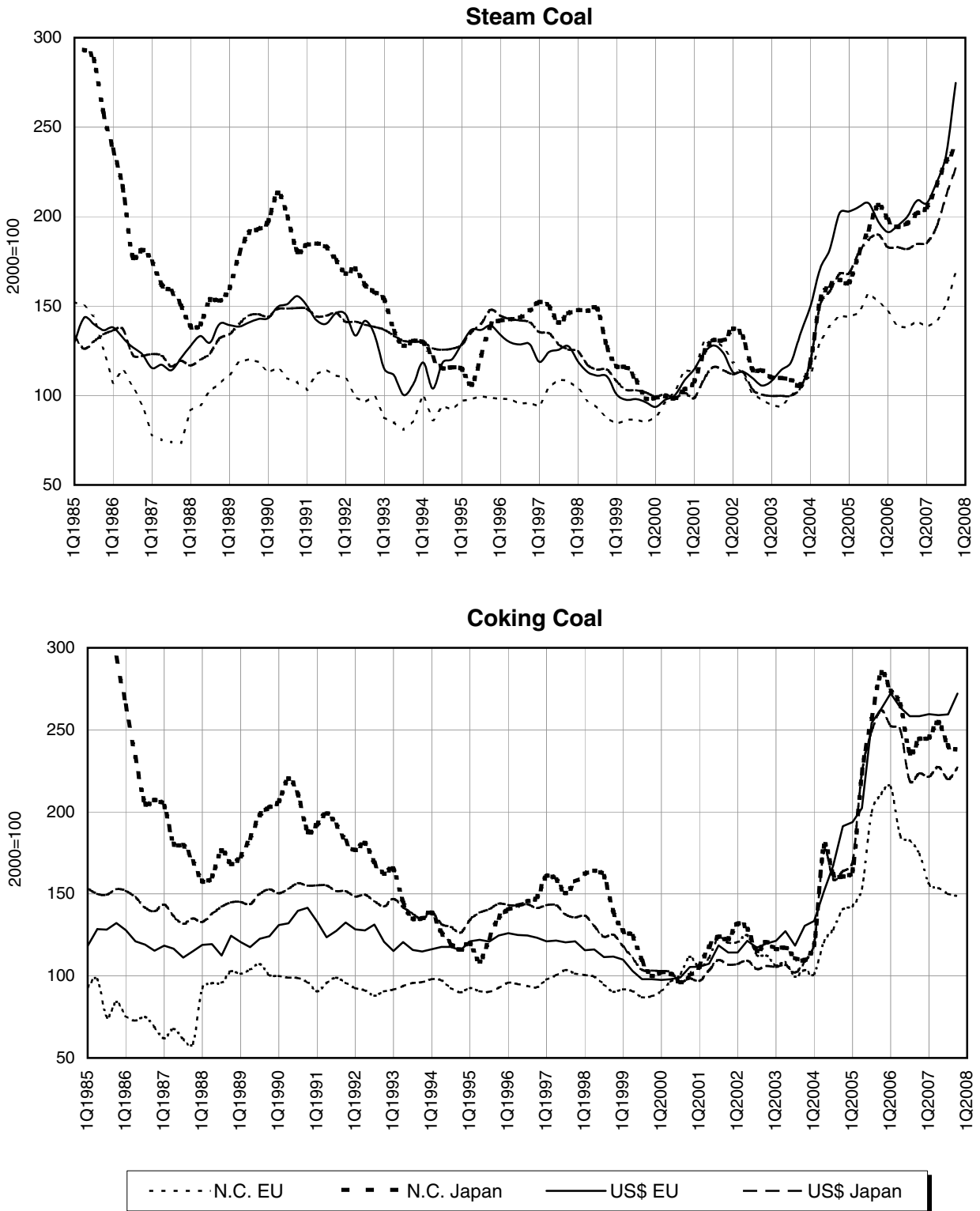
**Figure 4 - Index of Real Crude Oil Import Costs in National Currency \***



\* Quarterly averages



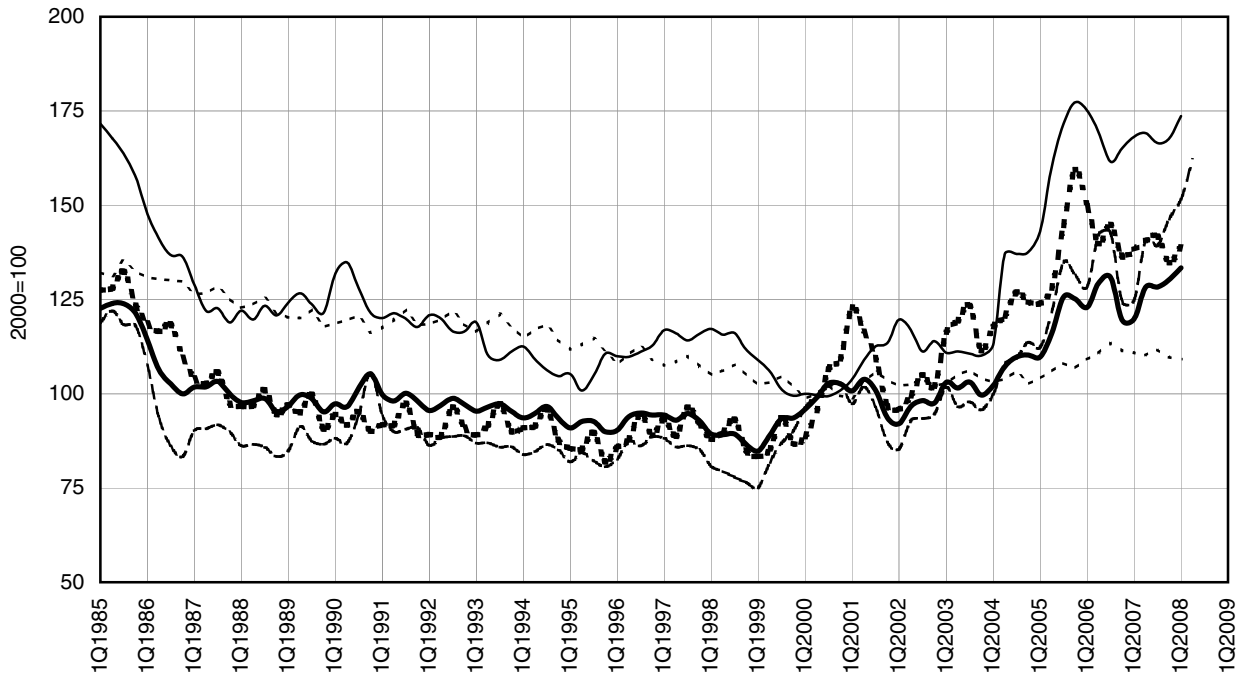
Figure 5 - Indices of Coal Import Costs \*



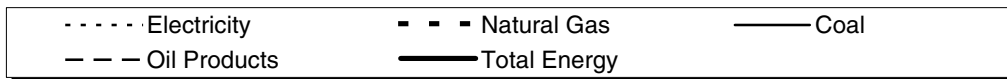
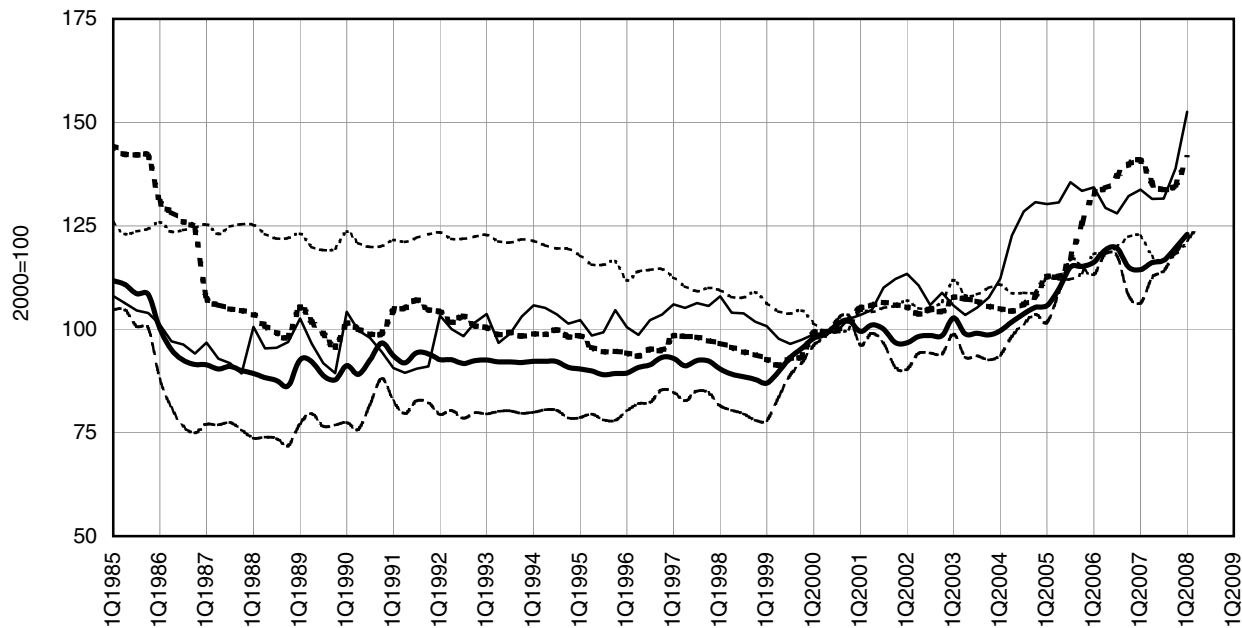
\* Quarterly averages

Figure 6 - Indices of Real Energy End-Use Prices \*

OECD Total

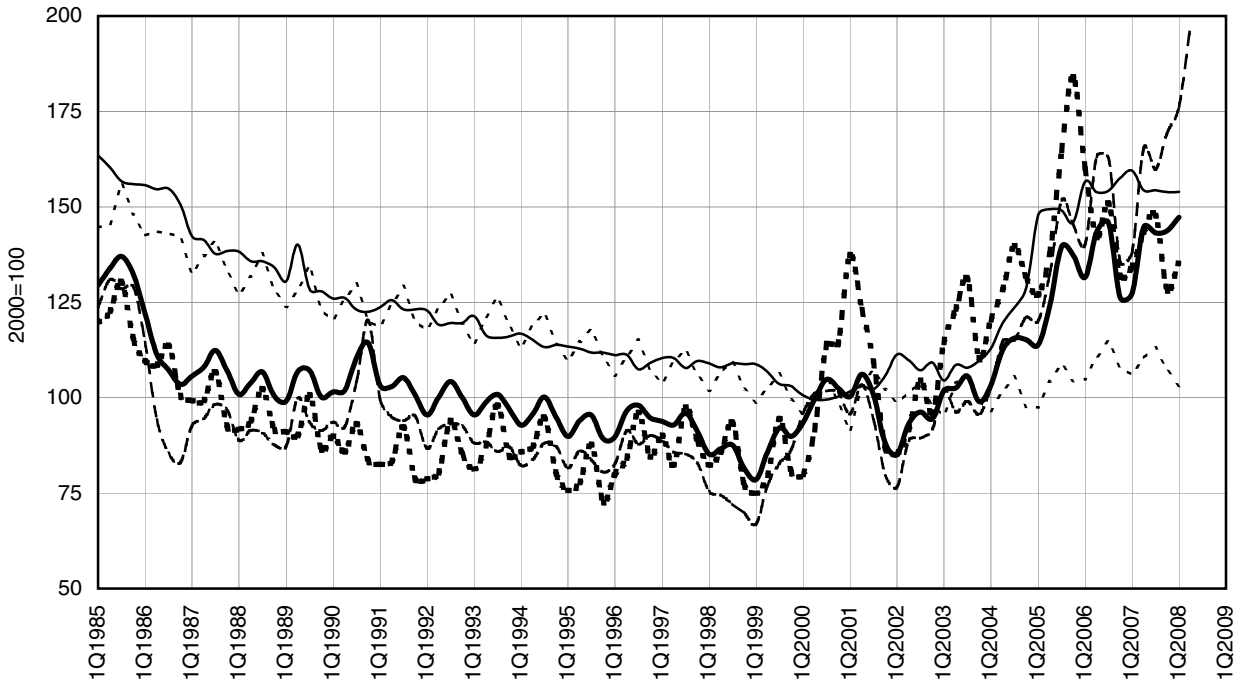


OECD Europe

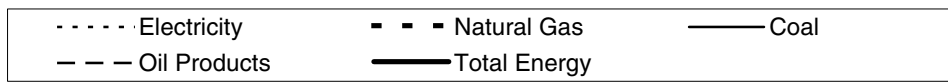
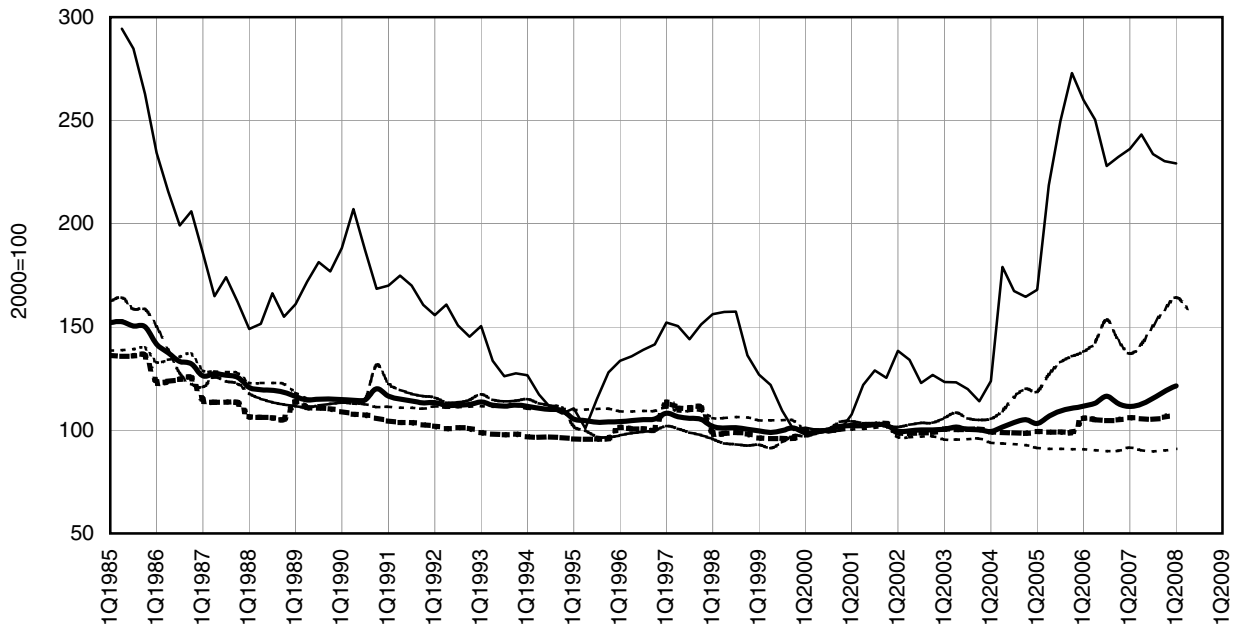


\* Quarterly averages

**Figure 7 - Indices of Real Energy End-Use Prices \***  
**United States**



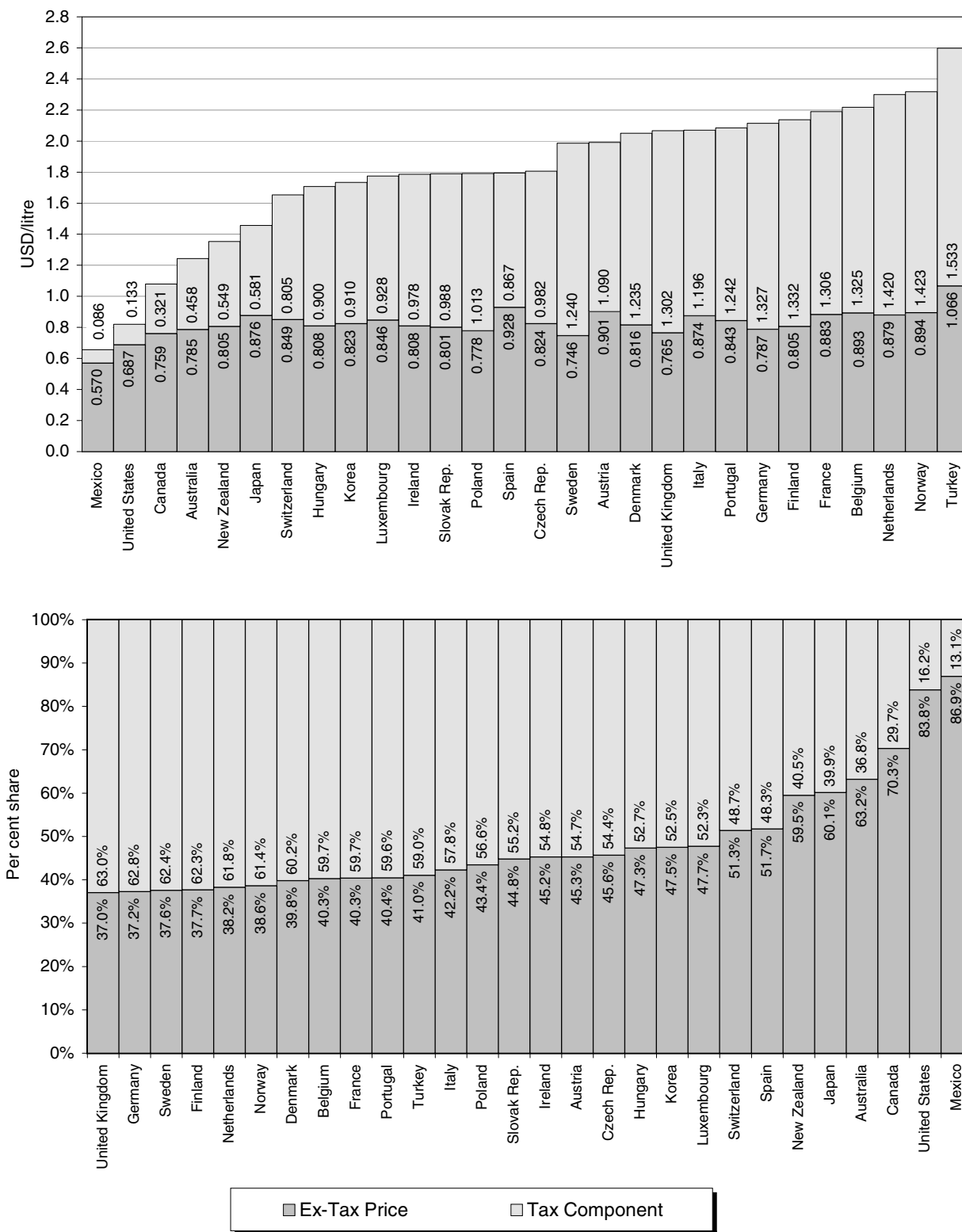
**Japan**



\* Quarterly averages

Figure 8 - Unleaded Gasoline Prices and Taxes

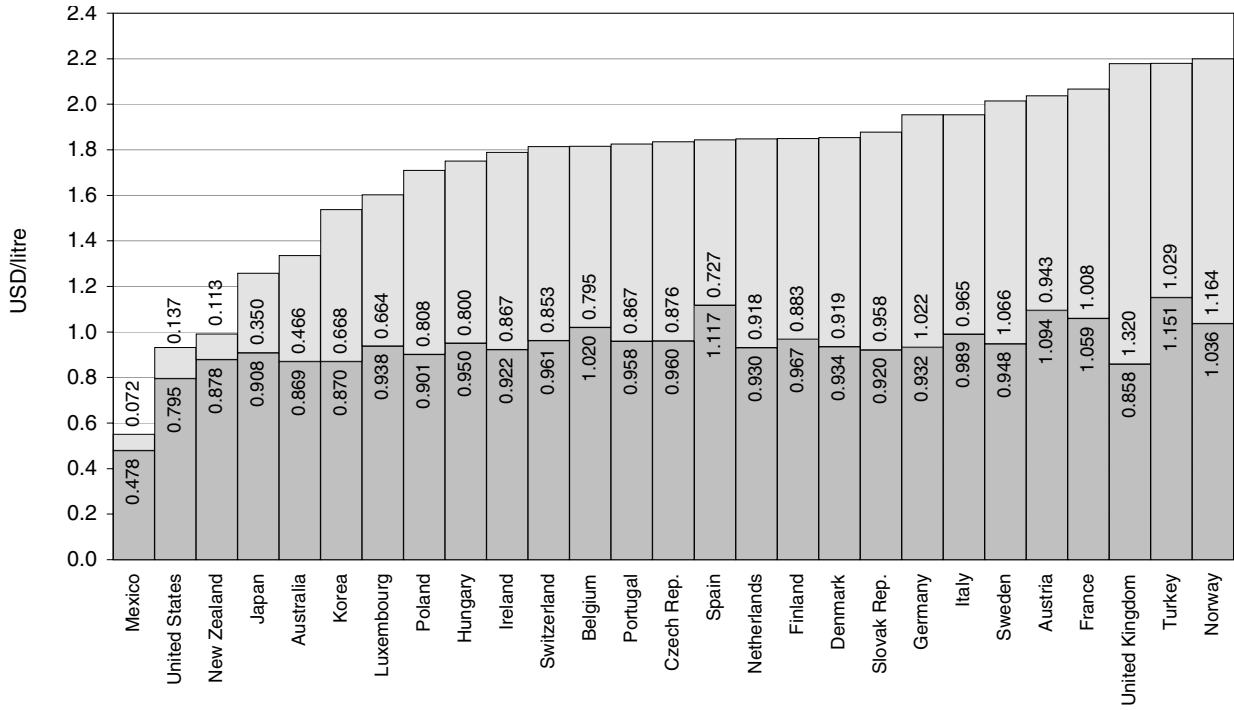
2Q2008 \*



\* or latest available.

Figure 9 - Automotive Diesel Prices and Taxes for Non-Commercial Purposes

2Q2008 \*



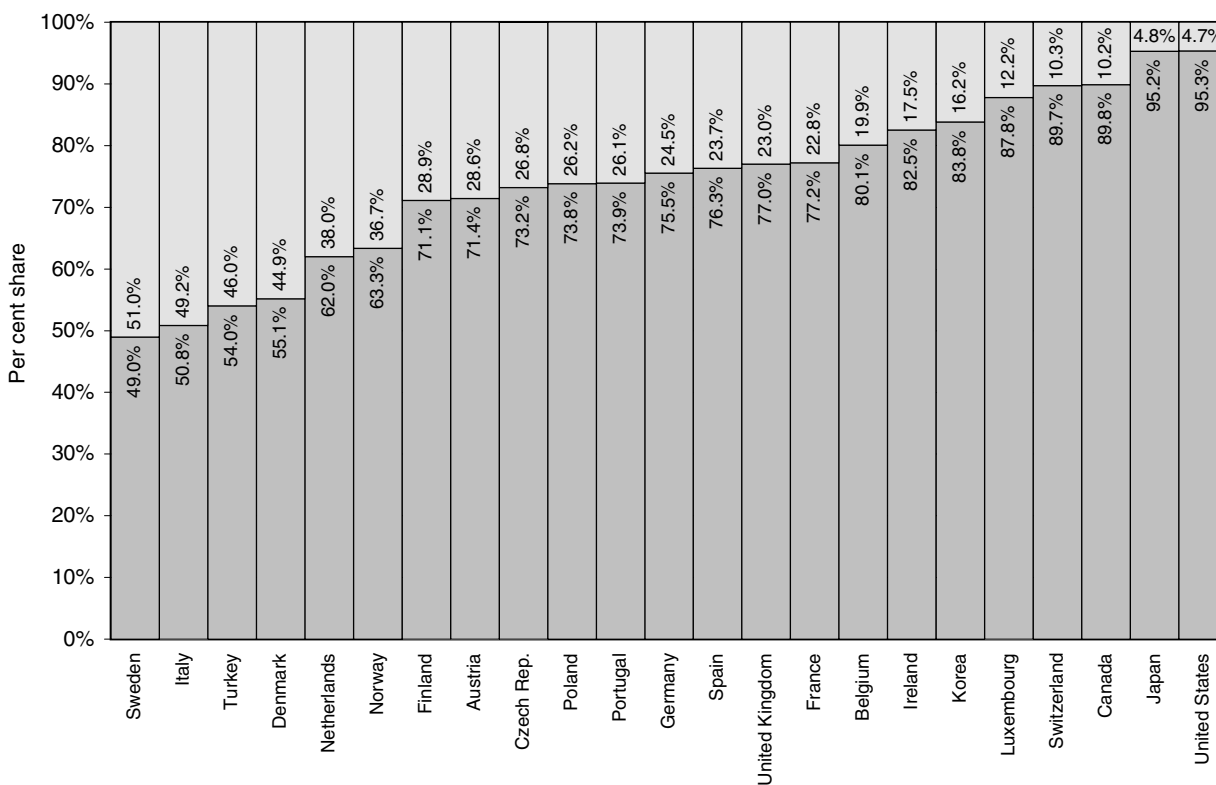
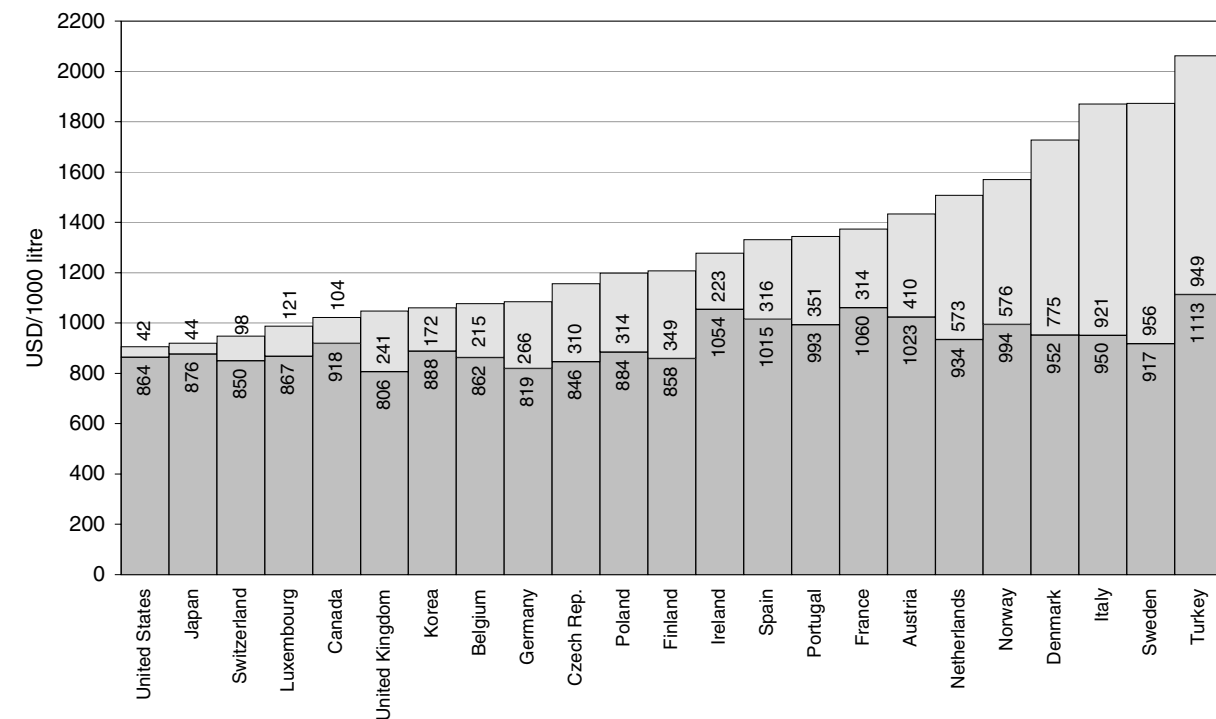
■ Ex-Tax Price

■ Tax Component

\* or latest available.

Figure 10 - Light Fuel Oil Prices and Taxes for Households

2Q2008 \*



■ Ex-Tax Price      □ Tax Component

\* or latest available.

**PART I**

**IMPORT AND EXPORT COSTS AND  
INDICES;**

**TRADE REGULATIONS  
AND DUTIES**

## GENERAL NOTE ON DEFINITIONS, METHODS AND SOURCES

### CRUDE OIL SPOT PRICES<sup>1</sup>

The monthly, quarterly and yearly average crude oil spot prices are calculated from daily quotations from *Platt's*.

Prices are either dated (spot price), assessed (based on *Platt's* weekly assessment of spot prices) or first month forward supply, which is the dated quotation for prompt physical cargoes.

Product quality specifications (based on *International Crude Oil Market Handbook 2001-2002*, Energy Intelligence Group):

#### *Brent*

A blend of crude from the Brent and Ninian systems. Prior to July 1987, the average prices were calculated from the weekly averages from various published sources.

Price:	Dated
Loading point:	Sullom Voe
API Gravity:	38.3°
Sulphur Content:	0.4

#### *West Texas Intermediate (WTI)*

Price:	First Month Forward
Loading point:	Cushing
API Gravity:	39.6°
Sulphur Content:	0.2

#### *West Texas Sour (WTS)*

Price:	First Month Forward
Loading point:	Midland
API Gravity:	34.2°
Sulphur Content:	1.3

#### *Louisiana Light Sweet (LLS)*

Price:	First Month Forward
Loading point:	St. James
API Gravity:	38.7°
Sulphur Content:	0.1

#### *Arab Light*

Price:	Dated
Loading point:	Ras Tanura, King Fahed, Juyamah
API Gravity:	34°
Sulphur Content:	1.78

#### *Dubai*

Prior to January 1985, the average prices were calculated from the weekly averages from various published sources

Price:	First Month Forward
Loading point:	Fateh
API Gravity:	31.0°
Sulphur Content:	2.0

#### *Iran*

Prior to January 2001, prices for Iranian Light and Heavy refer to loading point Kharg Island:  
Iranian Light

Price:	Dated and assessed
Loading point:	Sidi Kerir
API Gravity:	33.1°
Sulphur Content:	1.5

#### *Iranian Heavy*

Price:	Dated and assessed, FOB
Loading point:	Sidi Kerir
API Gravity:	30.2°
Sulphur Content:	1.8

#### *Urals*

Price:	Dated, CIF Med. assess.
Loading points:	Novorossiysk, Odessa, Ventspils
API Gravity:	32.0°
Sulphur Content:	1.3

#### *Minas*

Price:	Dated
Loading point:	Dumai
API Gravity:	35.0°
Sulphur Content:	0.1

#### *Tapis*

Price:	Dated
Loading point:	Tapis
API Gravity:	45.5°
Sulphur Content:	0.1

1. Source: Based on *Platt's* unless otherwise specified. ©2008, *Platt's*, a division of The McGraw-Hill Companies, Inc. No reproduction without prior written permission from *Platt's*. All rights reserved.



## OIL PRODUCT SPOT PRICES<sup>1</sup>

Oil product spot prices are calculated from daily quotations from *Platt's*. In NW Europe (Rotterdam), average prices were calculated from weekly price average using various published sources prior to January 1985 for HSFO.

Prices for NW Europe and the United States. (New York Harbour), are the average price between the high and low quotes for spot purchases of oil products, barge, FOB. Singapore represents the cargo average price. All prices exclude end-use taxes.

Product	Market	Specifications
Gasoline	NW Europe	Prior to June 1992, premium leaded 0.15 g/l. Since June 1992, regular unleaded.
	United States	Prior to November 2003, unleaded gasoline 87 PON. Since November 2003, regular unleaded 87 PON max 0.3 MTBE.
	Singapore	Prior to 1Q95, regular leaded 0.15 g/l. Since 1Q95, premium unleaded.
Gasoil	NW Europe	0.2% sulphur
	United States	Heating Oil No. 2
	Singapore	0.5% sulphur
LSFO	NW Europe	1% sulphur
	United States	1% sulphur
	Singapore	Prior to April 1996, Low Sulphur Waxy Residue (LSWR). Since April 1996, LSWR cracked.
HSFO	NW Europe	3.5% sulphur
	United States	3.0% sulphur
	Singapore	Prior to January 1998, 3.5% sulphur. Since January 1998, 4.0% sulphur.

### Conversion Factors

Product	Barrels/tonne	
NW Europe	Gasoline	8.35
	Gasoil	7.46
	Jet/Kero	7.88
	Naphtha	8.82
	LSFO	6.49
	HSFO	6.31
Singapore	HSFO	6.46

## MARINE BUNKER SPOT PRICES

From December 2006 onwards, the prices represent the monthly average of daily benchmark price – The Bunkerworld Benchmark Price (BBP). The assessments are typically quoted for product to be supplied within 3-7 days in the spot market. Prices are quoted in US\$ per metric tonne, delivered on board basis, i.e. including barge transport and/or ex-price fees.

Prior to December 2006, prices represent the monthly average of daily spot assessments and reflect "average-sized" stems, typically between 400 and 700 tonnes. Prices for Singapore and NW Europe (Rotterdam) are "delivered". Prices shown for the United States (Houston) are "ex-wharf".

### Conversion Factors

Product	Barrels/tonne
380 cst	6.45
180 cst	6.45
Marine Diesel Oil (MDO)	7.3

**Sources:** From December 2006 onwards, Monthly Bunker Prices from Bunkerworld website. Prior to December 2006, *BunkerNews*, published by Informa Energy Publishing, a division of Informat Group plc.

## IMPORT AND EXPORT COSTS OF ENERGY PRODUCTS

Costs shown for foreign trade in energy products are obtained by dividing value by volume recorded by customs administrations for each tariff position. Values recorded at the import stage include cost, insurance and freight (CIF) but exclude import duties. Values recorded at the export stage exclude transport and other costs (FOB).

For more detailed information on tariffs and duties for imported energy products please see the Notes on Definitions and Regulations at the end of Part I.

**Table 1 - Crude Oil Spot Prices in US Dollars/bbl  
(Average Unit Value, FOB)**

	Brent	WTI	WTS	Louisiana Light	Arab Light	Dubai	Iranian Light	Iranian Heavy	Urals	Minas	Tapis
1980	..	..	..	..	36.01	..	..	..	..	..	..
1981	..	..	..	..	34.17	..	..	..	..	..	..
1982	32.86	33.68	..	..	31.71	30.88	..	..	..	..	..
1983	29.73	30.40	..	..	30.05	28.23	..	..	..	..	..
1984	28.74	29.39	..	..	28.06	27.54	..	..	..	..	..
1985	27.62	27.98	27.31	..	27.52	26.48	..	..	27.05	..	..
1986	14.44	15.10	14.19	..	..	13.01	..	..	13.68	11.89	13.24
1987	18.44	19.18	18.41	19.49	..	16.91	..	..	17.73	17.78	18.59
1988	14.92	15.97	14.72	16.13	13.45	13.20	13.34	12.92	14.15	15.06	15.45
1989	18.23	19.68	18.17	19.81	16.19	15.68	15.99	15.50	17.40	17.62	18.70
1990	23.73	24.50	22.62	24.81	20.88	20.50	20.65	24.06	22.65	26.08	27.00
1991	20.00	21.54	19.34	21.86	17.47	16.56	17.38	17.33	19.01	19.35	21.16
1992	19.32	20.57	18.97	20.78	17.89	17.21	18.60	17.08	18.09	19.24	20.78
1993	16.97	18.45	16.87	18.56	15.68	14.90	15.35	14.46	15.39	17.85	18.83
1994	15.82	17.21	16.27	17.25	15.39	14.76	15.14	14.75	16.40	16.22	17.16
1995	17.02	18.42	17.42	18.60	16.81	16.09	16.35	15.93	16.85	17.63	18.29
1996	20.67	22.16	20.93	22.35	19.84	18.56	19.77	19.25	20.37	20.68	22.01
1997	19.09	20.61	18.93	20.72	18.85	18.13	17.75	17.29	18.44	19.26	20.92
1998	12.72	14.39	12.84	14.18	12.26	12.16	11.23	10.78	11.99	12.29	13.77
1999	17.97	19.31	18.01	19.09	17.43	17.30	16.69	16.25	17.45	17.94	18.99
2000	28.50	30.37	28.20	30.38	26.77	26.24	26.10	25.71	27.07	28.88	29.85
2001	24.44	25.93	23.12	25.89	23.11	22.80	22.59	22.06	23.11	24.06	25.32
2002	25.02	26.16	24.80	26.29	..	23.85	23.52	23.10	23.80	25.62	25.72
2003	28.83	31.06	28.33	31.16	..	26.76	26.90	26.35	27.07	29.50	30.06
2004	38.27	41.49	37.51	41.54	..	33.69	34.62	33.03	34.13	36.96	41.19
2005	54.52	56.59	51.97	57.04	..	49.54	50.74	48.40	50.32	54.18	58.13
2006	65.14	66.02	60.89	67.48	..	61.52	61.07	59.13	61.22	65.18	69.98
2007	72.39	72.20	67.17	75.26	..	68.27	69.30	67.68	69.16	73.42	77.76
4Q2004	43.85	48.29	42.67	48.26	..	35.55	38.63	35.81	37.75	40.57	46.36
1Q2005	47.62	49.88	44.80	49.78	..	41.41	43.43	41.31	42.54	47.90	51.43
2Q2005	51.63	53.08	49.35	53.58	..	47.99	48.54	46.27	48.04	53.61	54.86
3Q2005	61.63	63.18	59.04	64.14	..	55.36	57.88	55.52	57.13	59.35	64.94
4Q2005	56.87	60.01	54.44	60.41	..	52.87	52.77	50.14	53.23	55.40	60.80
1Q2006	61.79	63.29	56.76	64.23	..	57.93	58.29	56.18	58.16	62.24	67.48
2Q2006	69.59	70.46	65.68	71.93	..	64.82	64.68	62.77	64.73	69.33	73.78
3Q2006	69.60	70.44	66.00	71.86	..	65.96	65.39	63.28	65.90	70.95	75.29
4Q2006	59.60	59.90	55.04	61.83	..	57.24	55.90	54.26	56.06	58.08	63.26
1Q2007	57.76	58.05	54.09	61.06	..	55.45	53.55	51.74	54.36	58.87	63.66
2Q2007	68.76	64.89	60.32	70.52	..	64.80	65.30	63.84	65.03	68.41	75.02
3Q2007	74.74	75.24	69.99	77.08	..	69.98	72.52	71.11	71.98	75.80	79.28
4Q2007	88.45	90.47	84.15	92.18	..	82.83	85.97	84.15	85.41	90.56	93.03
1Q2008	96.71	97.86	93.19	100.59	..	91.27	93.34	91.35	93.35	98.68	102.36
2Q2008*	118.15	120.97	116.05	124.15	..	113.40	114.64	111.98	114.37	120.36	125.94
Apr 2007	67.51	63.85	59.27	69.22	..	63.97	63.87	62.07	63.70	68.75	74.74
May 2007	67.23	63.41	57.85	69.14	..	64.61	64.04	62.69	63.88	68.08	75.13
Jun 2007	71.54	67.44	63.91	73.20	..	65.79	67.99	66.73	67.50	68.41	75.18
Jul 2007	77.01	74.10	69.64	78.54	..	69.49	73.69	72.28	73.86	76.88	79.64
Aug 2007	70.73	72.37	67.06	73.33	..	67.38	69.34	67.98	68.83	73.66	76.32
Sep 2007	76.87	79.98	73.94	80.03	..	73.36	74.88	73.43	73.53	76.98	82.16
Oct 2007	82.50	85.87	78.22	86.26	..	77.12	79.74	78.09	79.41	84.96	87.24
Nov 2007	92.61	94.74	87.86	95.97	..	86.87	89.91	88.15	89.71	93.59	97.20
Dec 2007	90.97	91.37	87.39	95.31	..	85.58	89.12	87.03	87.81	94.38	95.72
Jan 2008	92.00	92.98	88.47	96.12	..	87.37	89.21	87.20	89.44	95.35	97.45
Feb 2008	95.04	95.39	90.43	98.45	..	90.02	91.85	89.95	91.62	96.16	100.93
Mar 2008	103.66	105.45	100.89	107.44	..	96.76	99.43	97.37	99.47	104.73	109.11
Apr 2008	108.97	112.63	107.12	115.13	..	103.41	105.91	103.52	105.70	109.02	116.55
May 2008	122.73	125.38	120.49	128.74	..	119.50	119.39	116.62	118.90	127.23	131.15
Jun 2008*	130.63	132.29	128.76	136.59	..	125.81	126.06	122.92	126.10	134.45	138.72

\* Prices for June 2008 and 2Q2008 are preliminary.

**Table 2 - Marine Bunker Spot Prices in US Dollars/tonne  
(Average Unit Value, FOB)**

	380 cst			180 cst			Marine Diesel Oil		
	Rotterdam	Houston	Singapore	Rotterdam	Houston	Singapore	Rotterdam	Houston	Singapore
1985	155.92	148.00	160.25	158.92	151.00	163.25	224.00	241.50	228.08
1986	76.50	76.17	81.08	80.75	79.08	85.75	136.00	158.08	142.25
1987	100.92	102.42	101.25	103.75	104.67	104.50	144.83	160.58	154.92
1988	70.00	70.42	73.83	72.67	72.83	76.92	124.17	157.83	138.58
1989	88.08	88.17	89.92	91.58	90.75	93.25	144.42	166.75	165.67
1990	99.92	101.00	109.08	105.50	103.75	114.00	191.17	200.83	217.25
1991	78.33	72.42	89.34	85.08	76.67	94.17	172.08	172.83	200.50
1992	83.58	83.58	84.75	88.75	81.92	88.92	162.00	163.33	168.67
1993	66.84	71.17	74.08	72.92	75.50	77.67	150.42	160.67	152.83
1994	83.25	80.58	84.75	87.58	84.17	87.67	132.33	149.00	141.42
1995	96.25	92.75	97.25	99.42	96.08	99.75	141.50	149.17	148.58
1996	105.42	104.83	108.92	109.92	108.08	113.00	175.25	185.75	195.50
1997	94.92	98.50	100.75	100.08	102.17	104.92	155.67	180.25	176.84
1998	67.50	67.92	69.84	71.17	71.50	73.25	112.92	135.92	114.75
1999	93.58	93.92	100.58	96.33	97.25	104.17	132.42	143.50	139.58
2000	138.50	137.83	157.42	144.34	142.67	161.92	232.25	255.67	249.00
2001	117.15	114.10	130.75	124.76	121.33	136.98	188.54	226.68	203.58
2002	133.75	134.33	148.50	140.42	138.58	153.33	187.42	196.50	203.58
2003	152.25	161.25	171.67	162.33	165.17	176.67	230.50	266.00	240.33
2004	155.50	168.67	180.00	169.67	178.75	186.75	314.58	331.75	336.08
2005	234.50	249.59	262.17	253.33	268.67	272.92	459.08	511.75	477.83
2006	292.00	302.08	311.71	312.04	316.88	322.00	524.08	560.25	569.04
2007	344.50	350.75	372.29	364.67	370.12	383.46	570.71	607.21	628.83
3Q2003	157.00	163.67	167.33	167.00	167.00	171.33	214.00	252.00	224.33
4Q2003	148.00	156.00	161.67	158.67	160.33	166.33	238.67	249.67	249.00
1Q2004	141.67	153.33	168.00	155.00	159.67	173.33	251.67	279.33	285.33
2Q2004	159.33	168.33	179.67	172.00	175.00	186.00	280.33	296.67	302.00
3Q2004	166.00	171.67	186.67	179.67	180.33	192.33	337.33	335.67	360.67
4Q2004	155.00	181.33	185.67	172.00	200.00	195.33	389.00	415.33	396.33
1Q2005	177.00	187.67	201.00	194.33	209.67	210.00	391.00	416.33	403.00
2Q2005	233.67	253.33	259.67	252.00	267.00	270.00	442.67	477.33	474.00
3Q2005	267.00	276.67	285.33	286.67	295.33	298.00	517.33	546.67	536.00
4Q2005	260.33	280.67	302.67	280.33	302.67	313.67	485.33	606.67	498.33
1Q2006	292.33	306.00	318.00	311.67	320.67	328.00	491.67	545.67	510.00
2Q2006	315.00	323.67	338.67	335.33	339.00	348.67	567.00	576.33	626.00
3Q2006	299.67	311.33	315.67	320.67	327.33	326.67	554.00	577.33	617.33
4Q2006	261.00	267.33	274.50	280.50	280.50	284.67	483.67	541.67	522.83
1Q2007	252.17	266.50	295.67	271.17	279.83	307.17	463.83	523.17	520.17
2Q2007	320.33	332.67	344.17	340.33	346.33	354.67	534.17	569.17	600.67
3Q2007	360.00	366.00	379.67	380.17	386.33	389.67	577.83	613.00	635.67
4Q2007	445.50	437.83	469.67	467.00	468.00	482.33	707.00	723.50	758.83
1Q2008	450.33	463.50	475.83	474.83	489.67	488.33	792.83	826.17	845.17
2Q2008	539.17	558.83	573.50	574.17	606.00	601.00	1058.67	1128.50	1160.67
Apr 2007	312.00	307.50	340.50	332.50	319.00	351.50	523.00	548.00	593.50
May 2007	320.50	338.50	339.00	340.00	353.50	349.00	530.00	563.50	601.00
Jun 2007	328.50	352.00	353.00	348.50	366.50	363.50	549.50	596.00	607.50
Jul 2007	362.00	366.00	383.50	382.50	380.00	394.00	577.00	615.00	634.00
Aug 2007	351.50	362.50	372.50	371.50	386.50	382.00	557.50	606.50	616.00
Sep 2007	373.50	369.50	388.50	393.50	401.00	399.00	611.50	630.50	669.50
Oct 2007	416.00	378.50	438.00	436.50	431.50	449.00	638.50	657.50	703.00
Nov 2007	475.50	483.00	495.50	497.00	501.50	509.00	745.50	750.50	789.50
Dec 2007	445.00	452.00	475.50	467.50	471.00	489.00	737.00	762.50	784.00
Jan 2008	444.00	456.00	469.50	467.50	480.00	482.50	735.00	792.50	784.00
Feb 2008	436.00	454.50	465.00	460.00	478.00	477.00	773.00	798.00	813.50
Mar 2008	471.00	480.00	493.00	497.00	511.00	505.50	870.50	888.00	938.00
Apr 2008	495.00	500.00	522.00	525.50	537.00	544.50	963.00	1013.00	1038.00
May 2008	543.00	566.00	582.00	579.00	609.50	616.50	1094.50	1134.50	1197.50
Jun 2008*	579.50	610.50	616.50	618.00	671.50	642.00	1118.50	1238.00	1246.50

\* Prices for June 2008 and 2Q2008 are preliminary.

Table 3 - Oil Product Spot Prices in US Dollars/bbl

	Gasoline			Gasoil			Jet/Kero		
	NW Europe	USA	Singapore	NW Europe	USA	Singapore	NW Europe	USA	Singapore
1980	44.28	..	..	41.02	..	..	..	..	..
1981	44.44	..	..	40.01	..	..	..	..	..
1982	40.80	..	..	38.81	..	..	..	..	..
1983	35.70	..	..	33.23	..	..	..	..	..
1984	32.12	..	..	31.91	..	..	..	..	..
1985	32.73	33.06	..	32.14	32.24	30.31	33.50	36.19	33.05
1986	20.45	18.83	..	18.95	18.83	16.85	20.34	20.21	19.91
1987	22.31	21.70	23.21	20.90	21.94	21.00	21.93	22.67	22.10
1988	21.09	20.38	19.81	18.02	19.36	18.42	19.59	20.85	19.99
1989	24.90	23.81	23.63	21.59	23.12	22.76	23.22	24.65	24.08
1990	32.83	30.26	32.31	28.57	28.72	29.34	31.86	31.85	32.80
1991	28.36	27.54	28.59	26.97	25.58	28.18	28.00	26.68	28.27
1992	25.32	24.56	26.59	23.75	24.04	25.17	24.87	24.91	25.44
1993	20.65	21.59	24.02	22.25	22.04	23.96	23.27	23.32	24.38
1994	18.66	20.55	21.08	19.81	20.67	20.84	20.89	22.16	21.73
1995	19.74	22.60	22.14	20.46	20.73	21.62	21.53	21.77	22.77
1996	22.96	25.82	23.59	25.92	26.37	27.07	27.01	27.57	28.40
1997	23.00	25.21	24.48	23.40	23.65	24.17	24.53	24.58	24.86
1998	16.53	17.80	17.12	16.18	16.41	15.40	17.09	18.00	16.31
1999	20.86	22.76	21.17	20.12	20.53	19.25	22.04	21.79	21.59
2000	34.41	36.10	32.64	34.38	36.37	32.58	36.98	38.05	34.39
2001	28.83	31.00	27.43	29.16	29.82	27.32	30.82	31.18	28.32
2002	28.57	30.33	28.05	27.81	28.56	27.55	29.25	29.83	28.08
2003	34.87	37.04	34.69	33.99	35.51	32.31	35.83	36.29	32.90
2004	47.27	49.61	47.23	46.83	46.89	45.69	50.25	50.23	47.49
2005	62.82	65.65	62.38	67.70	68.22	64.35	71.18	71.98	67.97
2006	72.87	76.68	73.20	77.47	75.70	76.79	81.25	82.03	80.60
2007	81.78	86.35	82.82	85.00	85.13	84.96	89.43	90.72	86.77
4Q2004	49.86	52.01	50.63	57.97	58.01	53.78	60.26	59.95	56.30
1Q2005	51.43	54.88	53.94	57.97	59.29	55.11	60.93	61.42	57.72
2Q2005	60.13	60.97	58.62	64.62	63.69	63.63	69.94	66.59	67.99
3Q2005	75.61	79.26	72.55	76.38	75.63	71.86	79.49	80.64	75.10
4Q2005	63.33	67.05	63.71	71.23	74.04	66.15	73.78	78.99	70.38
1Q2006	66.52	70.36	67.28	72.75	72.48	69.36	75.92	77.34	75.83
2Q2006	83.51	87.28	83.63	82.98	82.09	84.42	86.58	88.09	85.53
3Q2006	79.85	82.17	77.59	82.32	78.54	82.86	87.34	87.15	85.92
4Q2006	61.92	66.74	64.21	72.01	69.58	70.31	75.32	75.45	74.96
1Q2007	65.29	70.39	68.55	69.01	69.45	70.08	74.06	74.64	72.22
2Q2007	86.64	91.15	85.72	79.98	80.32	81.27	84.79	87.36	82.29
3Q2007	82.77	87.09	81.64	86.98	86.94	86.35	90.30	92.38	87.19
4Q2007	93.01	96.44	95.39	104.40	103.61	102.13	108.97	108.29	105.44
1Q2008	99.13	100.74	104.97	115.37	115.49	114.13	119.81	121.66	114.00
2Q2008*	122.32	125.16	126.86	149.25	145.99	150.83	156.46	154.95	151.21
Apr 2007	83.95	87.73	83.49	78.37	78.19	80.24	82.93	85.85	80.91
May 2007	90.21	93.89	88.77	79.11	79.10	81.73	84.02	87.34	82.14
Jun 2007	85.52	91.52	84.79	82.31	83.64	81.80	87.24	88.82	83.75
Jul 2007	84.53	89.86	85.35	86.13	87.00	85.73	90.26	91.45	87.16
Aug 2007	79.21	83.89	77.15	83.47	83.14	83.00	87.27	88.83	84.28
Sep 2007	84.74	87.92	82.51	91.77	91.46	90.72	93.68	97.70	90.44
Oct 2007	86.94	91.04	88.71	95.68	95.82	95.08	100.67	100.62	96.62
Nov 2007	98.22	101.59	100.29	110.76	108.54	106.97	115.76	113.78	112.77
Dec 2007	94.46	97.34	98.38	107.98	107.80	105.69	111.42	111.68	108.31
Jan 2008	94.16	97.99	100.51	106.83	107.29	105.70	109.62	111.92	106.18
Feb 2008	99.00	100.09	105.07	113.89	110.94	111.20	117.30	116.21	111.10
Mar 2008	105.01	104.28	109.78	126.90	128.67	126.19	134.38	137.35	125.37
Apr 2008	114.65	115.55	118.08	136.72	135.35	138.34	145.46	148.31	138.58
May 2008	126.01	130.09	131.13	157.66	151.66	158.62	164.40	158.45	159.58
Jun 2008*	133.97	138.00	139.40	162.14	159.29	164.96	165.99	163.87	164.11

\* Prices for June 2008 and 2Q2008 are preliminary.

Table 3 (cont.) - Oil Product Spot Prices in US Dollars/bbl

	Naphtha		LSFO			HSFO		
	NW Europe	Singapore	NW Europe	USA	Singapore	NW Europe	USA	Singapore
1980	..	..	..	..	..	26.90	..	..
1981	..	..	..	..	..	29.08	..	..
1982	..	..	..	..	..	26.08	..	..
1983	..	..	..	..	..	25.92	..	..
1984	..	..	..	..	..	28.28	..	..
1985	27.24	26.98	25.25	..	23.69	23.87	23.71	24.28
1986	14.13	13.73	13.72	14.50	11.95	11.53	12.55	11.29
1987	17.83	17.15	17.24	18.09	17.18	15.51	16.46	15.36
1988	15.62	14.96	12.81	14.22	13.54	10.77	11.68	11.04
1989	17.92	16.98	16.15	17.31	16.61	13.71	14.67	13.62
1990	24.90	23.71	18.27	19.95	21.88	15.63	16.29	16.30
1991	23.23	22.84	14.48	15.02	15.13	12.19	11.41	13.28
1992	20.56	20.27	14.54	15.33	14.77	12.85	12.34	12.86
1993	18.05	17.16	13.72	14.64	14.79	10.13	11.21	11.00
1994	16.96	16.36	14.29	15.02	13.59	12.94	12.24	12.66
1995	17.79	17.54	16.04	16.10	14.77	14.70	14.52	14.62
1996	21.25	20.26	17.86	19.24	16.26	16.20	16.03	16.28
1997	20.97	21.85	15.78	16.91	16.87	14.52	15.24	15.45
1998	14.33	14.77	11.96	12.33	10.95	10.12	10.24	10.34
1999	18.34	19.54	15.05	15.51	15.61	14.37	13.99	15.60
2000	29.09	28.38	23.74	25.05	25.83	21.42	20.68	24.21
2001	23.69	23.75	19.52	20.70	21.83	17.79	17.36	20.39
2002	24.23	24.93	21.81	22.55	23.80	20.65	20.99	22.95
2003	29.99	29.93	25.79	27.46	28.11	23.37	24.41	26.25
2004	41.47	40.74	25.02	27.96	32.86	23.91	25.07	27.87
2005	52.45	51.12	39.18	41.64	45.08	36.21	36.26	40.40
2006	62.23	61.85	45.51	46.05	50.61	45.18	45.09	48.60
2007	74.40	75.03	53.42	54.07	58.27	53.39	54.06	58.11
4Q2004	47.10	46.33	27.12	29.06	34.38	23.72	25.92	28.62
1Q2005	47.25	45.77	30.76	32.26	36.22	27.56	28.92	31.42
2Q2005	48.70	46.79	36.45	39.31	43.14	35.88	35.83	39.51
3Q2005	57.62	56.61	43.78	46.37	52.20	40.99	39.30	44.36
4Q2005	55.90	54.95	45.30	48.40	48.14	39.98	40.78	45.85
1Q2006	59.29	58.32	47.65	47.69	52.67	45.28	45.86	49.82
2Q2006	66.52	66.12	48.27	49.46	57.92	48.71	48.23	52.73
3Q2006	65.75	64.85	46.65	46.41	51.28	46.56	46.19	49.12
4Q2006	57.49	58.03	39.52	40.58	40.74	40.27	40.05	42.82
1Q2007	61.17	63.83	38.17	40.09	42.98	38.96	39.93	45.23
2Q2007	74.04	74.70	46.96	51.30	55.91	49.60	50.45	54.07
3Q2007	74.48	73.86	55.96	56.28	61.77	56.21	57.13	59.80
4Q2007	88.35	87.78	72.87	68.39	72.28	69.09	68.52	73.35
1Q2008	92.90	95.20	78.18	72.58	83.72	69.71	69.96	75.00
2Q2008*	106.56	110.26	93.03	87.49	109.51	81.60	82.28	88.14
Apr 2007	72.53	74.22	44.62	47.18	51.91	48.44	46.95	53.32
May 2007	75.76	76.73	47.48	52.45	54.94	49.35	52.08	53.27
Jun 2007	73.69	73.12	48.58	54.03	60.71	50.91	52.06	55.58
Jul 2007	75.60	75.10	54.75	57.13	62.73	56.31	57.33	60.15
Aug 2007	71.27	71.34	56.55	54.41	61.08	54.46	56.16	58.39
Sep 2007	76.77	75.28	56.65	57.60	61.47	58.03	58.08	60.95
Oct 2007	82.41	81.18	66.90	62.18	63.70	64.91	64.66	68.84
Nov 2007	91.26	91.38	75.03	71.65	77.02	73.62	72.26	77.52
Dec 2007	92.61	92.24	78.16	72.52	78.03	68.87	69.10	74.30
Jan 2008	91.43	93.13	77.79	74.39	78.78	68.53	69.08	73.96
Feb 2008	92.04	95.07	76.22	70.64	82.07	67.68	68.08	73.65
Mar 2008	95.55	97.61	80.81	72.62	90.72	73.30	72.77	77.44
Apr 2008	99.79	102.61	88.58	80.31	100.30	76.73	76.93	81.92
May 2008	109.15	113.69	93.94	89.70	115.18	83.75	84.50	91.85
Jun 2008*	118.85	122.57	103.12	101.40	120.66	90.69	91.92	96.74

\* Prices for June 2008 and 2Q2008 are preliminary.

**Table 4 - Crude Oil Import Costs in US Dollars/bbl  
(Average Unit Value, CIF)**

	IEA <sup>1</sup>	IEA Europe <sup>1</sup>	Australia	Austria	Belgium	Canada	France	Germany	Greece
1980	32.83	32.50	31.81	33.66	29.93	30.21	..	33.96	31.81
1981	36.25	36.30	35.88	37.80	33.86	35.28	..	37.09	36.50
1982	33.86	33.62	35.42	33.49	33.58	33.29	..	34.02	34.64
1983	29.90	29.93	30.88	30.66	29.80	29.49	..	30.23	30.03
1984	29.00	29.02	29.19	29.66	28.99	28.75	..	29.31	29.11
1985	27.56	27.75	28.17	28.74	27.47	27.85	..	27.93	27.98
1986	14.93	14.36	14.49	16.28	14.19	16.00	..	14.88	12.82
1987	17.95	18.06	19.00	18.81	17.78	18.59	..	18.32	17.85
1988	14.86	14.89	15.93	16.21	14.85	15.48	..	15.26	14.54
1989	17.47	17.68	17.63	19.10	17.30	18.56	..	18.23	17.13
1990	22.16	22.66	24.21	24.58	21.11	24.15	..	23.17	22.42
1991	19.30	19.53	20.70	22.55	19.36	20.83	..	20.36	18.39
1992	18.49	18.54	20.16	20.35	18.13	19.46	18.94	19.13	17.63
1993	16.37	16.14	17.91	18.02	15.84	17.19	16.05	16.88	15.09
1994	15.66	15.63	16.76	16.99	15.41	16.30	15.76	15.81	15.17
1995	17.19	17.06	18.53	18.78	16.94	17.76	17.14	17.07	16.54
1996	20.52	20.67	21.81	22.06	20.53	21.26	20.82	20.68	20.08
1997	19.11	18.88	21.78	21.31	18.65	20.59	18.99	19.01	18.45
1998	12.52	12.30	14.60	14.34	11.97	13.15	12.43	12.48	11.66
1999	17.26	17.32	18.38	17.54	17.33	17.85	17.45	17.51	16.64
2000	28.00	27.89	30.79	29.39	27.87	29.10	28.18	28.09	26.95
2001	23.65	23.92	26.61	25.32	24.20	24.87	24.13	24.15	23.22
2002	24.19	24.30	25.80	24.64	24.35	24.97	24.63	24.40	24.08
2003	28.38	28.39	31.24	29.59	27.72	29.53	28.87	28.44	27.17
2004	36.38	36.53	40.93	38.21	35.35	38.13	37.61	36.65	34.53
2005	50.67	51.74	56.71	53.15	50.06	52.37	52.74	52.30	50.33
2006	61.80	62.77	66.71	64.44	61.06	64.33	63.69	63.29	60.97
2007	69.33	70.81	77.13	71.86	70.35	70.04	72.22	71.60	69.93
2Q2005	48.03	48.62	c	c	46.92	49.84	49.44	49.13	c
3Q2005	57.27	58.50	c	c	56.82	58.47	59.50	59.45	c
4Q2005	54.79	55.29	60.80	c	53.30	57.11	56.35	55.86	c
1Q2006	58.05	59.50	66.15	c	58.23	59.69	60.84	60.02	c
2Q2006	65.11	66.32	..	c	64.60	67.41	67.48	66.73	c
3Q2006	67.04	67.44	..	c	64.37	69.26	68.27	68.09	c
4Q2006	56.89	57.85	..	c	56.31	59.67	58.65	58.19	c
1Q2007	55.44	55.71	63.07	c	54.42	56.94	57.33	56.78	c
2Q2007	64.88	66.60	73.70	c	64.67	65.43	67.75	67.33	c
3Q2007	71.92	73.38	78.21	c	72.51	73.60	74.39	74.39	c
4Q2007	84.62	86.94	90.32	c	86.46	86.45	88.20	87.81	c
1Q2008	92.08	95.59	99.71	c	94.82	94.48	96.82	96.60	c
Jan 2007	53.88	53.06	61.35	c	50.96	55.89	54.98	53.66	c
Feb 2007	54.04	54.56	60.64	c	53.66	55.89	56.77	56.32	c
Mar 2007	58.28	59.69	66.02	c	59.01	59.38	61.12	60.38	c
Apr 2007	62.74	64.76	70.79	c	61.81	65.96	65.72	65.67	c
May 2007	64.50	65.70	75.15	c	63.49	64.11	67.49	66.33	c
Jun 2007	67.54	69.57	75.62	c	68.52	66.48	70.45	70.23	c
Jul 2007	71.89	74.68	78.97	c	74.20	73.50	75.47	76.48	c
Aug 2007	70.79	70.93	77.59	c	69.05	73.44	72.38	70.95	c
Sep 2007	73.11	74.61	78.28	c	74.43	73.88	75.25	75.76	c
Oct 2007	78.52	80.39	83.90	c	79.57	79.39	81.51	81.86	c
Nov 2007	86.75	90.13	91.74	c	90.71	89.91	91.08	91.08	c
Dec 2007	88.47	90.33	95.96	c	89.52	91.73	91.38	90.74	c
Jan 2008	89.72	91.56	98.05	c	91.06	92.22	93.62	92.13	c
Feb 2008	91.34	93.57	99.51	c	92.56	92.35	94.79	94.34	c
Mar 2008	95.16	101.49	102.32	c	101.17	100.50	102.68	102.64	c

1. Computed across the countries of the region using import volumes as current weights. The Slovak Republic is included since 2007. Korea and Czech Republic are included since January 2001; Hungary is not included. For reasons of confidentiality, data for some countries are not listed separately.

**Table 4 (cont.) - Crude Oil Import Costs in US Dollars/bbl  
(Average Unit Value, CIF)**

	Italy	Japan	Korea	Netherlands	New Zealand	Spain	Sweden	United Kingdom	United States
1980	31.84	33.11	..	32.80	32.77	32.25	32.22	31.22	33.39
1981	36.19	35.92	..	36.49	37.42	35.94	35.70	35.24	36.69
1982	33.07	34.57	..	33.84	36.71	32.84	33.63	33.73	33.39
1983	29.49	30.47	..	30.10	31.14	29.13	29.77	30.01	29.19
1984	28.63	29.35	..	28.80	29.15	28.71	28.97	28.70	28.60
1985	27.38	27.90	..	27.62	27.66	27.15	27.51	27.63	26.78
1986	13.83	16.08	..	14.38	16.94	13.87	14.67	14.07	14.71
1987	17.78	17.99	..	17.60	17.91	18.29	18.00	18.05	17.73
1988	14.86	15.47	..	14.58	15.25	14.42	14.73	14.92	14.33
1989	17.48	16.91	..	17.56	17.29	17.22	18.05	17.60	17.50
1990	23.23	22.64	..	21.83	21.97	21.88	23.02	22.92	21.07
1991	19.14	20.14	..	18.86	20.57	18.50	20.19	20.06	18.23
1992	18.30	19.30	..	18.13	19.41	17.31	18.98	19.07	17.73
1993	15.87	17.47	..	15.53	17.32	15.13	16.60	16.58	15.87
1994	15.49	16.48	..	15.20	16.93	15.24	15.81	15.83	15.06
1995	16.90	18.02	17.32	16.92	18.73	16.96	17.23	17.29	16.74
1996	20.53	20.55	20.11	20.39	21.86	20.45	20.86	21.08	20.16
1997	18.88	20.55	20.34	18.37	21.65	18.34	18.90	19.32	18.34
1998	12.21	13.68	13.72	11.98	14.63	11.80	12.61	12.64	12.02
1999	17.10	17.38	16.91	16.97	18.16	16.99	17.68	18.01	17.06
2000	27.77	28.72	28.22	27.59	29.95	27.16	28.13	28.45	27.54
2001	23.87	25.01	24.87	23.48	26.14	23.32	24.03	24.45	22.07
2002	24.34	24.96	24.12	23.99	25.89	23.95	23.86	24.58	23.52
2003	28.58	29.26	28.80	27.67	31.00	28.13	28.60	29.13	27.66
2004	36.60	36.59	36.15	35.02	41.71	36.03	36.47	37.75	35.86
2005	51.33	51.57	50.19	50.00	56.07	50.54	51.78	53.79	48.82
2006	62.50	64.03	62.82	61.47	67.36	60.99	62.50	65.00	59.15
2007	70.20	70.09	70.01	68.74	73.84	68.66	70.13	73.80	66.75
2Q2005	48.56	50.56	49.00	47.10	54.67	47.41	48.63	49.76	45.87
3Q2005	57.31	57.23	55.64	57.76	60.34	57.17	58.37	60.94	55.95
4Q2005	54.62	56.92	54.39	53.63	61.18	54.34	55.32	57.22	52.94
1Q2006	58.99	60.21	59.46	57.95	65.97	58.35	58.86	61.26	54.39
2Q2006	66.01	65.80	65.40	65.09	70.15	64.58	66.72	68.81	63.12
3Q2006	67.76	70.62	68.06	66.55	74.02	64.39	66.36	69.86	64.71
4Q2006	57.74	60.04	58.51	56.88	61.24	56.63	57.96	59.64	53.69
1Q2007	55.34	57.55	56.96	55.26	61.15	51.88	55.12	57.85	53.38
2Q2007	66.22	65.80	66.29	64.49	68.83	65.60	66.39	69.22	61.77
3Q2007	72.94	71.55	71.71	70.60	73.17	72.08	74.22	75.89	70.07
4Q2007	86.36	84.76	84.69	83.25	89.67	85.74	89.13	89.41	81.36
1Q2008	94.75	93.46	93.30	93.89	97.87	94.62	95.77	98.59	86.44
Jan 2007	53.24	59.62	56.02	52.47	59.10	51.14	52.14	53.27	51.48
Feb 2007	53.93	54.34	55.11	54.40	c	47.77	54.52	57.39	52.52
Mar 2007	58.61	58.25	59.17	58.91	66.87	57.33	59.71	62.65	56.04
Apr 2007	64.51	62.38	63.82	61.87	67.30	64.15	65.08	67.75	59.63
May 2007	65.20	67.16	66.29	64.50	70.44	64.43	64.56	68.04	61.46
Jun 2007	68.91	67.84	68.60	67.64	68.66	68.57	69.06	72.66	64.47
Jul 2007	73.83	70.39	71.36	72.17	77.68	72.40	76.07	78.03	69.07
Aug 2007	71.03	72.22	70.57	67.64	74.29	70.14	70.38	73.42	69.57
Sep 2007	74.10	72.19	73.19	71.98	67.20	73.60	76.53	77.13	71.53
Oct 2007	79.37	78.16	79.26	75.33	81.97	78.99	80.76	83.79	75.75
Nov 2007	89.46	84.27	85.76	86.16	89.38	89.66	92.95	92.41	84.08
Dec 2007	90.53	91.37	89.02	86.85	97.67	88.96	91.51	92.82	83.74
Jan 2008	91.11	91.18	90.21	89.26	95.51	90.56	90.91	93.59	85.97
Feb 2008	92.22	93.06	93.61	92.34	99.10	92.72	94.41	96.26	87.05
Mar 2008	100.96	96.15	96.56	99.66	98.43	101.28	101.93	103.87	86.35

**Table 5 - IEA Crude Oil Import Costs by Type of Crude in US Dollars/bbl  
(Average Unit Value, CIF)**

	Abu Dhabi <sup>1</sup> Murban	Abu Dhabi Upper Zakum	Algeria <sup>1</sup> Saharan Blend	Canada Heavy	Canada Light Sweet	Iran Heavy	Iran Light	Iraq Basrah Light
1980	33.30	..	37.37	..	..	32.99	34.68	31.35
1981	38.96	..	40.39	..	..	38.13	38.61	36.65
1982	36.26	..	35.24	..	..	31.24	32.91	34.91
1983	31.87	..	31.42	..	..	29.20	30.21	32.89
1984	30.58	..	29.81	..	..	28.64	29.11	29.39
1985	28.93	..	28.66	..	..	27.24	27.80	27.99
1986	16.02	..	15.03	..	..	15.05	14.99	16.02
1987	18.72	..	18.97	..	..	17.98	18.32	18.20
1988	14.84	..	15.96	..	..	14.34	14.79	14.65
1989	17.50	..	19.27	..	..	16.77	17.14	17.15
1990	23.84	..	24.65	..	..	20.48	22.80	17.92
1991	21.04	..	22.15	..	..	17.87	19.58	x
1992	20.23	..	20.92	..	..	17.51	18.56	x
1993	18.29	..	18.46	..	..	15.20	16.18	x
1994	17.38	15.88	16.97	13.64	15.88	14.92	15.59	x
1995	18.62	17.42	18.20	15.50	17.73	16.63	16.91	x
1996	21.50	19.58	22.26	18.64	21.42	19.55	19.89	x
1997	21.69	19.81	20.61	16.10	19.98	18.26	19.02	18.01
1998	14.38	13.32	14.02	10.28	13.52	11.64	12.12	11.59
1999	17.19	17.08	18.80	16.11	18.99	16.01	16.25	17.33
2000	29.54	28.18	29.70	23.78	29.43	26.95	27.19	27.61
2001	26.22	24.62	25.83	17.22	25.05	23.37	23.83	21.05
2002	25.22	24.52	25.47	20.98	25.29	23.70	23.94	22.24
2003	29.77	28.38	30.07	24.37	29.56	27.20	27.82	27.64
2004	38.13	35.45	40.32	30.77	38.25	33.74	35.12	34.78
2005	54.81	49.49	55.85	38.90	52.05	47.30	49.41	47.50
2006	66.61	62.16	67.38	47.85	60.58	60.04	62.07	58.93
2007	73.22	67.58	74.54	52.78	68.00	67.08	67.33	67.00
2Q2005	53.29	48.19	52.53	35.74	48.08	46.01	48.04	45.44
3Q2005	59.74	55.03	62.04	46.87	58.68	53.81	56.14	54.50
4Q2005	59.62	54.79	59.82	41.68	55.63	51.74	54.43	51.95
1Q2006	62.71	58.26	63.74	38.26	55.42	57.09	58.07	54.05
2Q2006	67.59	63.08	70.94	53.71	64.42	63.19	64.89	61.35
3Q2006	73.22	68.38	72.70	56.46	67.72	64.54	67.48	64.38
4Q2006	62.83	58.29	61.89	43.03	55.37	55.39	57.40	54.08
1Q2007	60.22	56.07	61.09	44.96	55.22	52.56	53.67	52.76
2Q2007	68.51	64.40	71.31	49.69	62.42	62.61	63.82	60.76
3Q2007	74.23	69.82	77.27	55.63	71.56	69.68	71.74	69.39
4Q2007	87.80	81.85	88.87	61.42	82.51	82.81	84.62	82.07
1Q2008	96.31	92.14	98.95	69.65	87.34	90.17	92.08	87.67
Jan 2007	61.48	58.54	59.10	42.84	53.36	51.78	53.43	51.75
Feb 2007	56.95	52.70	60.19	44.59	54.96	50.97	52.36	51.56
Mar 2007	61.13	57.58	64.52	47.66	57.49	54.50	55.51	54.66
Apr 2007	64.71	61.67	69.44	48.82	61.01	60.33	61.15	59.01
May 2007	69.80	65.44	70.44	49.52	62.45	63.20	64.03	60.61
Jun 2007	70.67	66.10	73.98	50.87	64.00	64.44	66.57	62.28
Jul 2007	72.18	67.99	78.31	54.48	70.66	68.58	71.75	68.56
Aug 2007	75.25	70.56	76.51	56.00	71.18	68.94	71.13	69.08
Sep 2007	75.33	70.68	76.86	56.57	72.74	72.15	72.63	70.29
Oct 2007	81.51	76.48	81.84	58.58	77.12	76.26	78.30	75.28
Nov 2007	86.97	80.68	91.98	66.70	85.20	84.30	86.49	84.18
Dec 2007	93.83	89.28	91.39	58.87	85.46	87.99	90.48	86.17
Jan 2008	93.93	89.97	97.26	67.73	86.29	87.03	90.46	85.45
Feb 2008	96.75	92.91	97.50	73.59	88.90	89.92	90.99	87.44
Mar 2008	98.89	93.44	102.00	67.84	86.90	94.47	94.82	89.97

1. Prior to January 1994, Abu Dhabi Murban refers to average Abu Dhabi; Algeria Saharan Blend refers to average Algeria.



**Table 5 (cont.) - IEA Crude Oil Import Costs by Type of Crude in US Dollars/bbl  
(Average Unit Value, CIF)**

	Iraq Kirkuk	Kuwait Blend	Libya <sup>1</sup> Medium	Libya Light	Mexico Maya	Mexico Olmeca	Nigeria Medium	Nigeria <sup>1</sup> Light
1980	33.03	31.57	36.80	..	..	..	..	36.42
1981	37.67	37.84	40.50	..	..	..	..	39.86
1982	35.46	34.40	33.80	..	25.91	..	..	36.28
1983	31.06	28.93	30.28	..	24.74	..	..	31.21
1984	29.21	28.65	29.37	..	25.97	..	..	30.18
1985	27.86	28.36	28.29	..	24.73	..	..	28.82
1986	13.96	14.05	14.07	..	13.05	..	..	15.97
1987	17.96	17.55	18.40	..	15.92	..	..	19.09
1988	14.59	14.06	15.47	..	12.24	..	..	16.11
1989	17.52	16.49	18.27	..	14.89	..	..	19.08
1990	17.46	17.23	23.69	..	17.78	..	..	24.38
1991	x	18.23	20.08	..	13.83	..	..	22.08
1992	x	17.38	19.18	..	13.60	..	..	20.71
1993	x	14.51	16.92	..	12.13	..	..	18.62
1994	x	14.48	15.77	16.01	12.93	16.50	16.99	17.02
1995	x	16.76	17.36	17.45	14.97	17.78	18.06	18.20
1996	22.84	19.66	21.33	20.99	17.73	21.83	21.70	22.03
1997	18.41	18.28	19.45	19.57	15.56	20.13	20.95	20.94
1998	11.50	11.72	12.96	13.07	9.33	13.65	14.33	14.18
1999	16.42	16.49	17.86	17.98	14.43	17.89	15.98	17.99
2000	27.06	27.15	28.98	28.91	23.82	29.59	30.03	30.31
2001	22.56	22.83	24.78	25.33	17.91	24.62	25.87	26.26
2002	23.26	23.46	24.81	25.37	21.23	24.38	25.33	25.89
2003	29.01	27.39	29.24	29.64	24.79	31.03	30.97	30.93
2004	35.84	34.16	38.87	39.18	30.91	42.91	40.10	40.56
2005	51.54	47.89	53.42	54.82	41.33	60.39	55.34	56.77
2006	63.50	59.89	64.95	65.65	52.19	62.83	66.14	68.68
2007	81.03	66.43	73.29	73.38	60.77	74.22	77.43	75.23
2Q2005	48.24	46.71	50.02	51.47	40.37	50.27	54.02	53.42
3Q2005	54.59	54.46	60.21	60.89	47.66	62.71	62.15	63.02
4Q2005	49.01	52.21	57.40	59.29	44.68	57.99	60.79	61.33
1Q2006	..	57.11	61.52	61.78	48.40	62.04	62.74	64.59
2Q2006	..	63.47	68.92	69.45	55.27	71.96	70.74	71.94
3Q2006	64.62	64.48	70.19	70.23	56.59	65.03	70.94	75.01
4Q2006	53.73	54.99	59.37	60.80	47.83	59.61	61.46	63.24
1Q2007	51.07	53.49	57.29	59.41	46.34	58.01	61.19	61.32
2Q2007	..	62.34	68.67	69.99	55.84	66.86	71.14	72.27
3Q2007	73.20	68.70	74.22	76.14	63.48	..	79.53	78.36
4Q2007	86.62	82.29	87.81	90.25	76.02	92.64	90.76	90.49
1Q2008	93.53	89.07	95.89	97.93	80.44	96.95	100.11	98.83
Jan 2007	49.11	53.63	54.73	56.87	44.69	58.10	61.34	61.12
Feb 2007	51.72	51.13	57.09	58.27	45.03	..	57.76	59.89
Mar 2007	..	55.44	60.32	62.46	49.09	56.42	63.69	63.17
Apr 2007	..	59.34	66.72	67.99	53.06	..	68.61	70.52
May 2007	..	62.83	67.76	69.27	54.92	66.31	69.13	71.42
Jun 2007	..	64.65	71.17	72.85	59.52	73.84	73.84	74.74
Jul 2007	72.98	67.59	75.56	77.64	63.16	..	78.58	78.68
Aug 2007	72.70	68.47	72.32	73.97	62.44	..	80.14	78.71
Sep 2007	73.52	70.83	75.52	77.08	64.86	..	79.93	77.76
Oct 2007	77.72	76.49	81.59	83.32	70.70	..	82.42	83.69
Nov 2007	89.40	83.26	90.09	93.88	78.08	93.17	93.83	93.20
Dec 2007	89.30	87.84	92.01	93.66	78.80	92.04	94.71	94.79
Jan 2008	90.21	86.45	90.81	93.84	80.00	96.95	99.35	98.59
Feb 2008	91.77	89.81	94.96	96.37	80.26	..	98.32	96.91
Mar 2008	99.84	91.32	102.58	103.43	81.06	96.95	101.73	100.96

1. Prior to January 1994, Libya Medium refers to average Libya; Nigeria Light refers to Nigeria.

**Table 5 (cont.) - IEA Crude Oil Import Costs by Type of Crude in US Dollars/bbl  
(Average Unit Value, CIF)**

	Norway Ekofisk	Norway Gullfaks	Norway Oseberg	Norway Statfjord	Oman	Saudi Arabia Heavy	Saudi Arabia Medium	Saudi Arabia Light
1980	..	..	..	..	..	28.89	28.91	29.55
1981	..	..	..	..	..	33.49	33.60	34.28
1982	..	..	..	..	..	32.45	33.70	35.35
1983	..	..	..	..	..	28.22	29.35	31.64
1984	..	..	..	..	..	27.54	28.67	29.89
1985	..	..	..	..	..	27.41	28.30	28.53
1986	..	..	..	..	..	13.13	13.29	14.51
1987	..	..	..	..	..	17.20	17.58	18.05
1988	..	..	..	..	..	14.26	14.03	14.98
1989	..	..	..	..	16.83	15.91	16.53	17.43
1990	..	..	..	..	22.41	22.86	21.78	22.96
1991	..	..	..	..	19.78	15.99	17.23	19.09
1992	..	..	..	..	19.13	15.95	17.13	18.52
1993	..	..	..	..	17.10	14.11	15.13	16.28
1994	16.12	16.64	16.42	16.36	16.22	13.98	14.56	15.53
1995	17.62	17.73	17.80	17.57	17.67	16.16	16.53	17.13
1996	21.36	21.10	21.56	21.49	20.49	19.12	19.72	20.37
1997	19.71	20.12	20.20	20.01	20.53	16.77	17.81	18.67
1998	13.25	13.34	13.46	13.36	13.50	10.44	11.49	12.28
1999	17.65	18.03	18.26	18.10	17.21	15.74	16.74	16.96
2000	28.91	29.30	29.18	29.02	30.61	25.94	26.36	27.36
2001	24.35	25.40	25.10	24.94	24.64	21.91	21.42	23.54
2002	25.21	24.96	25.25	25.36	24.59	23.59	23.56	24.06
2003	29.82	30.14	29.88	29.85	28.99	26.20	27.23	27.96
2004	38.50	39.23	38.35	39.01	35.69	33.37	35.47	36.40
2005	55.08	54.52	55.88	55.04	51.22	46.36	48.39	51.26
2006	65.72	67.02	66.15	66.43	62.57	56.94	59.40	62.03
2007	72.73	75.37	74.53	73.81	68.78	64.06	67.79	70.10
2Q2005	51.53	52.00	52.24	51.71	49.52	43.70	46.18	48.98
3Q2005	62.41	59.40	63.23	62.03	55.54	52.95	55.80	57.91
4Q2005	58.39	59.38	59.23	58.90	54.44	49.15	51.79	54.97
1Q2006	62.43	62.70	62.76	63.31	58.44	53.17	56.11	58.44
2Q2006	69.97	70.80	70.29	70.02	63.98	59.75	63.05	65.16
3Q2006	69.82	73.81	71.74	70.85	69.21	61.47	63.67	67.03
4Q2006	60.38	61.42	61.16	61.66	58.16	52.56	54.46	57.31
1Q2007	59.24	60.29	59.68	59.73	56.91	50.77	52.85	55.47
2Q2007	68.81	70.27	70.66	70.42	65.17	60.40	62.35	64.89
3Q2007	76.76	77.94	78.00	78.48	71.13	67.80	71.12	73.02
4Q2007	89.53	92.22	91.36	90.22	80.22	79.99	82.93	86.72
1Q2008	99.12	103.30	100.00	100.04	89.24	86.37	89.32	93.21
Jan 2007	54.85	55.49	56.38	54.90	57.91	51.17	50.33	53.74
Feb 2007	58.53	59.79	59.07	58.92	55.28	48.94	52.76	53.65
Mar 2007	64.06	64.54	63.42	64.14	57.06	53.12	56.52	58.81
Apr 2007	67.90	68.70	69.74	69.17	61.85	58.58	59.74	62.15
May 2007	68.60	68.30	68.67	68.90	65.14	60.17	62.69	64.77
Jun 2007	70.74	74.47	74.30	74.40	66.03	63.24	64.50	68.26
Jul 2007	79.07	80.67	79.45	79.93	68.41	66.88	70.22	71.32
Aug 2007	73.33	74.29	75.01	75.26	70.65	66.48	69.70	71.15
Sep 2007	77.84	79.12	78.89	79.00	72.44	69.34	73.37	76.57
Oct 2007	82.63	87.41	84.73	84.38	73.71	74.52	78.76	80.81
Nov 2007	93.52	95.62	94.60	93.81	77.34	80.69	85.91	88.32
Dec 2007	93.17	94.76	93.85	93.11	86.16	85.44	84.13	89.54
Jan 2008	94.45	98.38	95.75	95.03	88.57	84.19	85.92	89.02
Feb 2008	97.53	99.90	97.65	97.11	91.08	87.11	91.02	93.92
Mar 2008	105.32	108.20	106.91	107.13	89.03	88.18	90.70	96.77

**Table 5 (cont.) - IEA Crude Oil Import Costs by Type of Crude in US Dollars/bbl  
(Average Unit Value, CIF)**

	Saudi Arabia Extra Light	Syria Light	U.K. Brent Blend	U.K. Forties	Urals <sup>1</sup>	Venezuela Extra Heavy	Venezuela Medium	Venezuela Light
1980	..	..	..	..	34.58	..	29.52	31.98
1981	..	..	..	..	36.49	..	33.88	37.59
1982	..	..	..	..	32.11	..	34.23	36.10
1983	..	..	..	..	29.21	..	30.67	34.55
1984	..	..	..	..	28.61	..	28.37	31.10
1985	..	..	..	..	26.87	..	27.79	30.74
1986	..	..	..	..	12.55	..	12.82	15.55
1987	..	..	..	..	17.86	..	16.17	18.16
1988	..	..	..	..	14.44	..	13.58	15.47
1989	..	..	..	..	17.39	..	17.02	18.16
1990	..	..	..	..	20.56	..	22.22	22.72
1991	..	..	..	..	19.40	..	17.62	19.36
1992	..	..	..	..	18.27	..	16.22	17.36
1993	..	..	..	..	15.46	..	14.01	14.89
1994	16.33	16.06	16.54	16.54	15.65	12.32	13.45	14.70
1995	17.75	17.40	17.86	17.40	17.12	14.13	15.13	15.58
1996	21.05	21.12	21.25	21.41	20.20	16.50	18.42	20.16
1997	20.29	19.26	20.90	20.04	18.59	14.53	16.96	18.61
1998	13.27	12.49	13.59	13.42	12.04	8.17	10.92	12.66
1999	17.87	17.73	18.09	18.66	16.74	13.16	15.29	17.33
2000	28.94	27.69	29.23	29.13	26.73	23.02	26.63	29.49
2001	24.91	24.30	26.12	25.83	23.27	17.58	21.00	23.86
2002	24.66	24.93	26.41	25.33	24.02	19.27	21.51	24.76
2003	29.04	29.44	30.57	30.55	27.59	22.28	25.94	28.77
2004	37.79	37.22	39.85	39.31	34.52	29.75	35.65	38.53
2005	53.23	53.04	55.19	54.93	50.36	41.02	49.82	54.09
2006	65.73	65.35	65.48	65.96	61.59	50.62	59.38	64.75
2007	73.08	72.81	74.36	72.46	68.71	57.54	67.54	74.59
2Q2005	51.65	50.07	53.37	52.46	47.00	38.95	45.55	50.44
3Q2005	58.82	59.28	59.73	61.31	57.45	47.30	59.98	61.42
4Q2005	58.49	56.97	58.73	59.51	53.82	43.84	52.61	58.59
1Q2006	61.36	60.24	62.81	63.27	57.87	46.94	55.63	61.55
2Q2006	67.39	67.90	67.49	70.55	64.81	55.59	65.37	67.72
3Q2006	72.25	70.89	71.36	70.82	66.11	54.93	63.68	69.33
4Q2006	62.42	60.07	60.80	61.51	56.20	44.90	53.36	59.63
1Q2007	59.62	58.06	59.95	58.42	54.42	44.92	51.93	58.99
2Q2007	67.63	68.86	68.88	67.88	64.91	52.35	63.61	68.08
3Q2007	75.14	74.90	76.86	74.00	72.04	60.27	70.04	76.59
4Q2007	86.82	88.17	89.34	86.68	85.39	72.27	82.15	88.92
1Q2008	95.12	98.95	98.98	96.76	93.10	76.73	86.26	93.99
Jan 2007	60.37	58.62	54.81	56.73	51.21	41.48	49.17	57.23
Feb 2007	57.33	56.40	58.74	58.64	53.65	43.94	52.70	56.25
Mar 2007	61.17	60.71	63.22	60.52	58.33	47.40	56.09	62.30
Apr 2007	64.61	68.45	67.55	66.60	63.31	49.98	61.34	66.42
May 2007	68.26	67.11	68.58	66.89	63.67	52.91	64.60	67.10
Jun 2007	70.07	70.32	71.58	72.00	67.61	54.26	65.87	71.11
Jul 2007	73.27	72.24	76.97	75.23	73.96	59.97	70.29	74.48
Aug 2007	75.53	74.52	75.45	69.66	68.93	60.10	68.43	76.22
Sep 2007	76.98	77.51	77.50	76.13	72.96	60.87	71.09	78.48
Oct 2007	80.80	82.64	81.86	81.84	78.56	66.41	76.33	84.16
Nov 2007	86.70	94.49	89.88	90.13	88.84	74.87	86.25	92.82
Dec 2007	92.58	91.08	93.41	91.36	88.72	76.79	83.65	88.14
Jan 2008	92.41	..	94.25	93.64	89.53	77.03	84.47	93.42
Feb 2008	95.39	93.25	95.37	93.58	91.43	75.79	87.35	95.66
Mar 2008	97.65	106.13	107.24	103.06	99.36	77.67	86.87	93.54

1. Prior to January 1994, Urals refers to USSR.

Table 6 - Selected Natural Gas Pipeline Import Prices into Europe in US Dollars/MBtu

Origin	Austria	Belgium				Finland	Germany	Greece		
	Average <sup>1</sup>	Netherlands	Norway	UK	Average <sup>1</sup>	Russia	Average <sup>1</sup>	Algeria	Russia	Average <sup>1</sup>
2000	..	2.79	2.97	2.64	2.83	2.35	2.83	3.11	2.05	2.25
2001	3.55	3.72	3.44	2.87	3.52	2.58	3.64	3.43	2.45	2.70
2002	3.34	3.15	3.09	2.75	3.03	2.55	3.27	2.89	2.16	2.33
2003	4.06	3.97	3.73	..	..	3.21	4.03	3.22	2.56	2.70
2004	4.48	4.66	4.19	3.45	4.27	..	4.40	..	2.94	3.08
2005	5.87	..	..	..	..	..	..	..	3.93	4.16
2006	7.66	..	..	..	..	..	7.68	..	5.49	5.72
2007	7.81	..	..	..	..	..	8.01	7.47	5.53	5.80
Jul 2004	4.29	4.48	3.99	3.30	3.87	..	4.29	3.75	2.77	2.96
Aug 2004	4.32	4.51	4.05	3.34	3.91	..	4.31	3.71	2.87	3.03
Sep 2004	4.41	4.53	3.97	3.43	4.09	..	4.24	3.81	2.89	3.05
Oct 2004	4.58	4.85	4.38	4.13	4.61	..	4.34	..	3.19	3.19
Nov 2004	5.05	5.21	4.76	5.10	4.89	..	4.95	4.32	3.27	3.44
Dec 2004	5.31	5.58	5.00	4.60	5.26	..	5.36	4.62	3.28	3.44
Jan 2005	5.31	5.51	5.46	x	5.48	..	..	4.89	3.11	3.29
Feb 2005	5.19	7.24	7.20	x	7.22	..	..	5.33	3.35	3.53
Mar 2005	5.26	7.98	7.83	7.63	7.89	..	5.60	5.87	3.42	3.67
Apr 2005	5.41	6.05	5.82	5.65	5.89	..	5.57	..	3.85	3.85
May 2005	5.48	5.75	5.53	5.33	5.57	..	5.62	4.98	4.16	4.31
Jun 2005	5.31	5.37	5.19	4.98	5.21	..	5.45	5.42	3.47	3.80
Jul 2005	5.55	5.59	5.36	5.23	5.43	..	5.99	5.31	3.59	4.08
Aug 2005	5.88	5.59	5.40	5.29	5.49	..	5.69	5.77	4.12	4.37
Sep 2005	6.12	5.51	5.43	5.20	5.39	..	5.98	6.01	4.14	4.40
Oct 2005	6.58	5.80	5.67	5.48	5.72	..	5.95	5.69	4.07	4.26
Nov 2005	6.69	..	..	..	..	..	6.41	5.96	4.74	4.91
Dec 2005	7.03	..	..	..	..	..	6.57	6.79	4.89	5.17
Jan 2006	7.19	..	..	..	..	..	6.95	7.19	4.96	5.27
Feb 2006	7.07	..	..	..	..	..	6.83	7.08	5.03	5.30
Mar 2006	7.24	..	..	..	..	..	7.28	6.89	5.20	5.45
Apr 2006	7.37	..	..	..	..	..	7.63	6.97	5.23	5.58
May 2006	7.73	..	..	..	..	..	7.99	6.96	5.45	5.80
Jun 2006	7.78	..	..	..	..	..	8.00	6.95	5.22	5.47
Jul 2006	7.77	..	..	..	..	..	7.95	..	5.32	5.32
Aug 2006	8.05	..	..	..	..	..	7.96	..	5.83	5.83
Sep 2006	8.18	..	..	..	..	..	8.11	7.17	5.68	5.92
Oct 2006	7.93	..	..	..	..	..	8.00	7.41	5.70	5.86
Nov 2006	7.87	..	..	..	..	..	8.14	7.66	6.01	6.34
Dec 2006	8.17	..	..	..	..	..	8.36	7.91	5.99	6.19
Jan 2007	7.71	..	..	..	..	..	8.41	7.79	5.77	6.15
Feb 2007	7.43	..	..	..	..	..	8.10	7.33	5.45	5.52
Mar 2007	7.31	..	..	..	..	..	7.96	7.02	5.43	5.55
Apr 2007	6.83	..	..	..	..	..	7.79	7.14	5.48	5.57
May 2007	6.90	..	..	..	..	..	7.57	6.99	4.98	4.99
Jun 2007	6.89	..	..	..	..	..	7.42	6.99	4.95	5.00
Jul 2007	7.33	..	..	..	..	..	7.63	7.54	5.08	5.16
Aug 2007	7.63	..	..	..	..	..	7.59	6.36	5.41	5.55
Sep 2007	7.86	..	..	..	..	..	7.69	7.46	5.68	6.02
Oct 2007	8.68	..	..	..	..	..	8.07	7.47	5.60	6.49
Nov 2007	9.18	..	..	..	..	..	8.43	8.00	6.52	6.86
Dec 2007	9.75	..	..	..	..	..	8.81	7.88	6.30	6.59
Jan 2008	10.31	..	..	..	..	..	9.22	8.58	6.55	6.81
Feb 2008	10.61	..	..	..	..	..	9.50	8.42	7.51	7.70
Mar 2008	..	..	..	..	..	..	..	..	..	..

Source: Eurostat Intra- and Extra-EU Trade Statistics for Import Quantities and Values.

Note: Please refer to Notes on definitions at the end of this section. Import prices derived from Eurostat Trade Statistics, converted by IEA into USD/MBtu, using average conversion factors.

1. Weighted average based only on imports for which prices are available.

Table 6 (cont.) - Selected Natural Gas Pipeline Import Prices into Europe in US Dollars/MBtu

Origin	Ireland	Netherlands			Spain			UK	E.U. Member States
	UK	Norway	UK	Average <sup>1</sup>	Norway	Algeria	Average <sup>1</sup>	Norway	Average <sup>1</sup>
2000	2.30	2.73	2.18	2.43	4.16	3.06	3.24	..	2.79
2001	2.67	3.41	2.96	3.13	5.14	3.62	3.93	..	3.51
2002	2.77	3.15	2.62	2.84	4.61	3.11	3.36	..	3.16
2003	3.08	3.76	3.41	3.57	5.75	3.66	4.28	..	3.91
2004	3.81	4.07	3.34	3.90	6.10	3.93	4.37	3.20	4.20
2005	4.42	4.97	4.74	4.95	7.50	5.06	5.45	..	5.33
2006	..	..	..	..	10.22	6.82	7.33	..	7.32
2007	8.21	..	..	..	10.52	..	7.51	5.02	7.28
Jul 2004	3.28	3.98	3.06	3.87	5.83	3.67	3.98	2.88	3.97
Aug 2004	3.00	4.06	3.21	3.92	5.79	3.95	4.26	2.89	4.03
Sep 2004	3.27	4.17	3.58	4.10	6.27	4.04	4.39	3.05	4.07
Oct 2004	3.97	4.42	3.51	4.30	5.93	4.06	4.42	3.81	4.21
Nov 2004	5.15	4.67	3.65	4.54	6.82	4.63	5.06	3.00	4.51
Dec 2004	5.57	4.79	4.16	4.71	7.04	4.73	5.23	5.35	5.05
Jan 2005	5.94	4.60	4.06	4.60	6.88	4.71	4.99	5.49	4.71
Feb 2005	5.98	4.63	4.17	4.63	7.34	4.80	5.39	..	5.27
Mar 2005	5.13	4.76	4.02	4.73	7.57	4.88	5.45	5.57	5.54
Apr 2005	4.79	4.90	4.80	4.93	7.29	4.69	5.14	4.55	5.15
May 2005	4.62	4.68	4.80	4.76	7.29	4.78	5.22	4.73	5.25
Jun 2005	4.58	4.50	5.11	4.58	6.99	4.63	4.97	4.87	5.09
Jul 2005	4.56	4.51	4.53	4.57	6.93	4.73	5.10	5.11	5.24
Aug 2005	4.87	4.67	4.37	4.74	7.68	5.25	5.68	4.10	5.46
Sep 2005	4.85	4.74	4.01	4.70	7.65	5.22	5.48	4.75	5.46
Oct 2005	5.56	5.44	5.10	5.40	7.52	5.14	5.47	..	5.57
Nov 2005	3.58	5.59	5.66	5.59	8.39	5.72	6.08	5.73	5.96
Dec 2005	3.01	5.81	5.95	5.82	8.44	5.98	6.39	7.10	6.15
Jan 2006	9.07	..	..	..	8.62	6.07	6.54	6.74	6.63
Feb 2006	5.58	..	..	..	9.52	6.61	7.76	11.21	6.80
Mar 2006	4.48	..	..	..	9.62	6.46	7.01	10.29	6.95
Apr 2006	7.40	..	..	..	9.75	6.54	7.08	7.25	7.18
May 2006	6.42	..	..	..	10.75	6.65	7.07	7.41	7.61
Jun 2006	5.42	..	..	..	9.92	6.39	7.01	..	7.56
Jul 2006	..	..	..	..	10.37	6.74	7.15	6.29	7.54
Aug 2006	..	..	..	..	10.84	7.02	7.50	8.09	7.70
Sep 2006	..	..	..	..	10.78	6.91	7.42	6.40	7.60
Oct 2006	..	..	..	..	10.82	6.98	7.53	4.79	7.55
Nov 2006	..	..	..	..	11.07	7.26	7.73	5.45	7.54
Dec 2006	9.34	..	..	..	11.35	7.49	7.90	6.80	7.88
Jan 2007	11.55	..	..	..	11.22	7.26	7.75	7.88	7.77
Feb 2007	9.05	..	..	..	10.54	6.89	7.33	7.28	7.42
Mar 2007	9.19	..	..	..	10.59	7.14	7.56	4.63	6.95
Apr 2007	8.66	..	..	..	10.88	..	10.88	3.66	6.54
May 2007	8.79	..	..	..	9.68	6.62	7.04	4.04	6.87
Jun 2007	4.55	..	..	..	9.62	6.63	7.13	3.21	6.32
Jul 2007	4.66	..	..	..	9.83	6.53	6.99	4.55	6.98
Aug 2007	8.73	..	..	..	9.88	6.58	7.08	3.84	7.07
Sep 2007	5.12	..	..	..	10.09	6.95	7.42	5.02	7.05
Oct 2007	8.54	..	..	..	10.32	6.81	7.21	4.36	7.47
Nov 2007	8.25	..	..	..	12.01	7.81	8.40	5.73	7.98
Dec 2007	11.27	..	..	..	11.73	7.66	8.10	7.16	8.27
Jan 2008	8.14	..	..	..	11.76	7.82	8.18	8.26	8.56
Feb 2008	..	..	..	..	13.25	8.21	8.69	8.57	8.85
Mar 2008	..	..	..	..	..	..	..	..	..

Source: Eurostat Intra- and Extra-EU Trade Statistics for Import Quantities and Values.

Note: Please refer to Notes on definitions at the end of this section. Import prices derived from Eurostat Trade Statistics, converted by IEA into USD/MBtu, using average conversion factors.

1. Weighted average based only on imports for which prices are available. For the E.U. Member States, calculated average prices may not be comparable from one month to the next due to differing components.

Table 7 - Selected Natural Gas Pipeline Import Prices into Europe in National Currency/MBtu

Origin	Austria	Belgium				Finland	Germany	Greece		
	Average <sup>1</sup>	Netherlands	Norway	UK	Average <sup>1</sup>	Russia	Average <sup>1</sup>	Algeria	Russia	Average <sup>1</sup>
2000	..	2.99	3.23	2.89	3.07	2.53	3.07	3.43	2.21	2.43
2001	3.94	4.12	3.84	3.22	3.91	2.87	4.05	3.82	2.74	3.02
2002	3.52	3.38	3.28	2.83	3.21	2.70	3.47	3.07	2.28	2.46
2003	3.59	3.49	3.27	..	..	2.84	3.57	2.86	2.27	2.40
2004	3.58	3.72	3.36	2.80	3.42	..	3.51	..	2.35	2.47
2005	4.74	..	..	..	..	..	..	..	3.17	3.37
2006	6.12	..	..	..	..	..	6.14	..	4.37	4.55
2007	5.68	..	..	..	..	..	5.82	5.41	4.05	4.23
Jul 2004	3.50	3.65	3.25	2.69	3.16	..	3.50	3.06	2.26	2.41
Aug 2004	3.55	3.70	3.32	2.74	3.21	..	3.53	3.04	2.35	2.49
Sep 2004	3.61	3.71	3.25	2.81	3.34	..	3.47	3.12	2.36	2.50
Oct 2004	3.67	3.88	3.51	3.30	3.69	..	3.47	..	2.56	2.56
Nov 2004	3.89	4.01	3.66	3.92	3.76	..	3.81	3.32	2.51	2.64
Dec 2004	3.96	4.16	3.72	3.43	3.92	..	3.99	3.44	2.44	2.56
Jan 2005	4.05	4.20	4.16	x	4.18	..	..	3.73	2.38	2.51
Feb 2005	3.99	5.56	5.53	x	5.54	..	..	4.09	2.57	2.71
Mar 2005	3.99	6.05	5.94	5.79	5.99	..	4.25	4.46	2.59	2.79
Apr 2005	4.19	4.68	4.50	4.37	4.55	..	4.31	..	2.97	2.97
May 2005	4.32	4.53	4.36	4.20	4.40	..	4.43	3.93	3.29	3.40
Jun 2005	4.37	4.42	4.27	4.10	4.29	..	4.48	4.46	2.86	3.13
Jul 2005	4.61	4.64	4.45	4.34	4.51	..	4.97	4.41	2.98	3.39
Aug 2005	4.78	4.54	4.39	4.30	4.46	..	4.62	4.69	3.35	3.55
Sep 2005	5.00	4.50	4.44	4.25	4.41	..	4.89	4.91	3.38	3.59
Oct 2005	5.47	4.82	4.71	4.55	4.75	..	4.94	4.72	3.38	3.54
Nov 2005	5.67	..	..	..	..	..	5.43	5.06	4.02	4.17
Dec 2005	5.93	..	..	..	..	..	5.54	5.73	4.12	4.36
Jan 2006	5.93	..	..	..	..	..	5.74	5.93	4.09	4.34
Feb 2006	5.93	..	..	..	..	..	5.73	5.93	4.22	4.44
Mar 2006	6.02	..	..	..	..	..	6.05	5.73	4.32	4.53
Apr 2006	6.00	..	..	..	..	..	6.21	5.67	4.26	4.54
May 2006	6.05	..	..	..	..	..	6.26	5.45	4.27	4.54
Jun 2006	6.14	..	..	..	..	..	6.32	5.49	4.12	4.32
Jul 2006	6.12	..	..	..	..	..	6.27	..	4.20	4.20
Aug 2006	6.29	..	..	..	..	..	6.21	..	4.55	4.55
Sep 2006	6.42	..	..	..	..	..	6.37	5.62	4.46	4.65
Oct 2006	6.28	..	..	..	..	..	6.33	5.87	4.51	4.64
Nov 2006	6.11	..	..	..	..	..	6.32	5.94	4.66	4.92
Dec 2006	6.19	..	..	..	..	..	6.34	6.00	4.54	4.69
Jan 2007	5.93	..	..	..	..	..	6.47	5.99	4.43	4.73
Feb 2007	5.68	..	..	..	..	..	6.19	5.60	4.17	4.22
Mar 2007	5.52	..	..	..	..	..	6.01	5.30	4.10	4.19
Apr 2007	5.05	..	..	..	..	..	5.76	5.28	4.05	4.12
May 2007	5.10	..	..	..	..	..	5.60	5.17	3.68	3.69
Jun 2007	5.13	..	..	..	..	..	5.53	5.21	3.69	3.73
Jul 2007	5.34	..	..	..	..	..	5.57	5.50	3.71	3.76
Aug 2007	5.60	..	..	..	..	..	5.57	4.67	3.97	4.07
Sep 2007	5.65	..	..	..	..	..	5.53	5.37	4.08	4.33
Oct 2007	6.11	..	..	..	..	..	5.67	5.25	3.94	4.56
Nov 2007	6.25	..	..	..	..	..	5.74	5.45	4.44	4.67
Dec 2007	6.70	..	..	..	..	..	6.06	5.41	4.32	4.53
Jan 2008	7.01	..	..	..	..	..	6.27	5.83	4.45	4.63
Feb 2008	7.21	..	..	..	..	..	6.45	5.72	5.10	5.23
Mar 2008	..	..	..	..	..	..	..	..	..	..

Source: Eurostat Intra- and Extra-EU Trade Statistics for Import Quantities and Values.

Note: Please refer to Notes on definitions at the end of this section. Import prices derived from Eurostat Trade Statistics, converted by IEA into USD/MBtu, using average conversion factors.

1. Weighted average based only on imports for which prices are available.

Table 7 (cont.) - Selected Natural Gas Pipeline Import Prices into Europe in National Currency/MBtu

Origin	Ireland	Netherlands			Spain			UK	E.U. Member States
	UK	Norway	UK	Average <sup>1</sup>	Norway	Algeria	Average <sup>1</sup>	Norway	Average <sup>1</sup>
2000	2.48	2.96	2.40	2.65	4.53	3.33	3.53	..	3.01
2001	2.97	3.80	3.30	3.49	5.73	4.02	4.38	..	3.91
2002	2.99	3.34	2.78	3.01	4.87	3.30	3.56	..	3.35
2003	2.74	3.34	3.01	3.15	5.09	3.28	3.82	..	3.46
2004	3.03	3.27	2.69	3.13	4.90	3.15	3.51	1.74	3.40
2005	3.56	4.01	3.82	3.99	6.04	4.10	4.41	..	4.41
2006	..	..	..	..	8.15	5.40	5.80	..	5.98
2007	5.99	..	..	..	7.68	..	5.48	2.52	5.44
Jul 2004	2.67	3.24	2.49	3.15	4.75	2.99	3.25	1.56	3.27
Aug 2004	2.46	3.33	2.63	3.21	4.75	3.24	3.49	1.59	3.35
Sep 2004	2.68	3.41	2.93	3.35	5.13	3.30	3.59	1.70	3.38
Oct 2004	3.18	3.54	2.81	3.44	4.75	3.25	3.54	2.10	3.44
Nov 2004	3.96	3.59	2.80	3.49	5.25	3.56	3.89	1.61	3.53
Dec 2004	4.15	3.57	3.10	3.51	5.25	3.52	3.90	2.77	3.82
Jan 2005	4.53	3.51	3.10	3.51	5.25	3.59	3.81	2.92	3.71
Feb 2005	4.59	3.56	3.21	3.55	5.63	3.69	4.14	..	4.19
Mar 2005	3.90	3.62	3.05	3.59	5.74	3.71	4.14	2.92	4.29
Apr 2005	3.70	3.78	3.71	3.81	5.64	3.63	3.97	2.40	4.06
May 2005	3.64	3.70	3.79	3.76	5.75	3.78	4.12	2.55	4.20
Jun 2005	3.77	3.70	4.21	3.77	5.75	3.81	4.09	2.68	4.24
Jul 2005	3.78	3.74	3.76	3.79	5.75	3.93	4.24	2.92	4.42
Aug 2005	3.96	3.80	3.55	3.85	6.25	4.27	4.62	2.29	4.49
Sep 2005	3.97	3.87	3.27	3.84	6.25	4.26	4.48	2.63	4.52
Oct 2005	4.62	4.52	4.24	4.49	6.25	4.27	4.55	..	4.71
Nov 2005	3.04	4.74	4.80	4.74	7.11	4.85	5.15	3.30	5.15
Dec 2005	2.54	4.90	5.02	4.90	7.11	5.04	5.39	4.07	5.29
Jan 2006	7.49	..	..	..	7.11	5.00	5.40	3.82	5.61
Feb 2006	4.68	..	..	..	7.98	5.54	6.50	6.41	5.82
Mar 2006	3.73	..	..	..	7.99	5.37	5.82	5.89	5.91
Apr 2006	6.02	..	..	..	7.94	5.32	5.77	4.10	6.01
May 2006	5.02	..	..	..	8.42	5.20	5.53	3.96	6.08
Jun 2006	4.28	..	..	..	7.84	5.05	5.53	..	6.08
Jul 2006	..	..	..	..	8.17	5.31	5.64	3.41	6.05
Aug 2006	..	..	..	..	8.47	5.48	5.86	4.27	6.11
Sep 2006	..	..	..	..	8.47	5.43	5.83	3.39	6.06
Oct 2006	..	..	..	..	8.57	5.53	5.96	2.55	6.14
Nov 2006	..	..	..	..	8.59	5.63	6.00	2.85	5.99
Dec 2006	7.08	..	..	..	8.60	5.68	5.99	3.47	6.15
Jan 2007	8.89	..	..	..	8.63	5.59	5.96	4.02	6.15
Feb 2007	6.92	..	..	..	8.05	5.26	5.60	3.72	5.85
Mar 2007	6.94	..	..	..	7.99	5.39	5.71	2.37	5.44
Apr 2007	6.41	..	..	..	8.05	..	8.05	1.84	4.99
May 2007	6.50	..	..	..	7.17	4.90	5.21	2.03	5.24
Jun 2007	3.39	..	..	..	7.17	4.94	5.31	1.62	4.82
Jul 2007	3.39	..	..	..	7.17	4.76	5.10	2.24	5.21
Aug 2007	6.41	..	..	..	7.26	4.83	5.20	1.91	5.31
Sep 2007	3.68	..	..	..	7.26	5.00	5.34	2.48	5.21
Oct 2007	6.01	..	..	..	7.26	4.78	5.07	2.13	5.42
Nov 2007	5.62	..	..	..	8.18	5.32	5.72	2.77	5.58
Dec 2007	7.75	..	..	..	8.06	5.26	5.56	3.55	5.84
Jan 2008	5.53	..	..	..	8.00	5.32	5.57	4.20	6.02
Feb 2008	..	..	..	..	9.00	5.57	5.90	4.36	6.27
Mar 2008	..	..	..	..	..	..	..	..	..

Source: Eurostat Intra- and Extra-EU Trade Statistics for Import Quantities and Values.

Note: Please refer to Notes on definitions at the end of this section. Import prices derived from Eurostat Trade Statistics, converted by IEA into USD/MBtu, using average conversion factors.

1. Weighted average based on imports for which prices are available. For the E.U. Member States, calculated average prices may not be comparable from one month to the next due to differing components.

Table 8 - LNG Import Prices into Europe in US Dollars/MBtu

Origin	Belgium			Portugal	Spain			
	Algeria	UAE	Average <sup>1</sup>	Nigeria	Algeria	Australia	Libya	Qatar
2000	2.98	x	2.98	x	3.42	x	3.30	2.90
2001	3.69	x	3.69	x	3.73	x	3.66	3.22
2002	3.17	x	3.15	x	3.23	2.37	3.11	3.02
2003	3.73	x	3.73	x	3.61	3.59	3.66	3.52
2004	4.10	x	4.10	3.71	4.02	x	3.89	3.96
2005	..	x	..	4.20	5.36	4.65	4.90	4.97
2006	..	x	..	4.93	6.57	x	6.63	6.87
2007	..	x	..	5.00	7.02	x	6.62	6.79
Jul 2004	3.98	x	3.98	3.68	4.00	x	3.86	3.95
Aug 2004	3.94	x	3.94	x	3.80	x	x	3.93
Sep 2004	4.03	x	4.03	3.94	3.98	x	3.97	3.94
Oct 2004	4.52	x	4.52	3.56	4.27	x	3.44	4.31
Nov 2004	4.23	x	4.23	3.98	4.57	x	4.54	4.56
Dec 2004	5.08	x	5.08	3.68	4.57	x	4.69	4.64
Jan 2005	5.47	x	5.47	3.51	5.24	x	4.58	4.61
Feb 2005	7.29	x	7.29	3.80	4.86	x	4.62	4.79
Mar 2005	7.90	x	7.90	3.66	4.96	x	3.25	4.81
Apr 2005	5.87	x	5.87	4.12	5.21	4.65	4.73	4.78
May 2005	5.59	x	5.59	3.56	5.18	x	3.69	4.79
Jun 2005	5.25	x	5.25	4.22	4.96	x	4.51	4.39
Jul 2005	5.41	x	5.41	3.73	4.96	x	4.89	4.79
Aug 2005	5.51	x	5.51	4.36	5.67	x	5.14	5.18
Sep 2005	5.52	x	5.52	x	5.56	x	5.14	5.07
Oct 2005	5.73	x	5.73	5.76	5.42	x	5.31	5.72
Nov 2005	..	x	..	4.54	6.02	x	5.73	5.98
Dec 2005	..	x	..	5.06	6.47	x	5.76	4.79
Jan 2006	..	x	..	5.30	5.89	x	6.32	6.38
Feb 2006	..	x	..	4.30	6.10	x	6.44	6.22
Mar 2006	..	x	..	4.85	5.96	x	6.27	6.42
Apr 2006	..	x	..	4.74	6.70	x	6.41	6.38
May 2006	..	x	..	7.27	6.99	x	6.65	6.74
Jun 2006	..	x	..	4.00	5.74	x	6.60	6.69
Jul 2006	..	x	..	4.40	6.98	x	6.80	7.28
Aug 2006	..	x	..	4.53	6.77	x	6.80	6.95
Sep 2006	..	x	..	6.00	7.47	x	6.83	7.35
Oct 2006	..	x	..	4.69	7.08	x	x	7.07
Nov 2006	..	x	..	5.01	6.95	x	7.02	7.08
Dec 2006	..	x	..	5.54	6.75	x	7.71	7.47
Jan 2007	..	x	..	4.33	6.92	x	6.57	7.80
Feb 2007	..	x	..	4.46	6.92	x	7.01	6.79
Mar 2007	..	x	..	4.35	7.18	x	7.20	6.62
Apr 2007	..	x	..	4.28	7.09	x	6.04	6.00
May 2007	..	x	..	5.02	6.16	x	5.98	6.65
Jun 2007	..	x	..	4.34	6.40	x	5.86	5.93
Jul 2007	..	x	..	5.40	6.75	x	6.05	6.16
Aug 2007	..	x	..	4.73	6.89	x	6.34	6.29
Sep 2007	..	x	..	5.61	7.16	x	6.08	6.15
Oct 2007	..	x	..	4.87	7.17	x	6.99	7.14
Nov 2007	..	x	..	5.96	7.77	x	7.24	7.92
Dec 2007	..	x	..	5.70	7.57	x	7.82	7.37
Jan 2008	..	x	..	5.51	8.71	x	7.77	7.97
Feb 2008	..	x	..	5.48	8.98	x	7.96	8.10
Mar 2008	..	..	..	..	..	..	..	..

Source: Eurostat Intra- and Extra-EU Trade Statistics for Import Quantities and Values.

Note: Please refer to Notes on definitions at the end of this section. Import prices derived from Eurostat Trade Statistics, converted by IEA into USD/MBtu, using average conversion factors.

1. Weighted average based only on imports for which prices are available.



Table 8 (cont.) - LNG Import Prices into Europe in US Dollars/MBtu

Origin	Spain			United Kingdom				E.U. Member States
	Trinidad	UAE	Average <sup>1</sup>	Algeria	Egypt	Trinidad	Average <sup>1</sup>	Average <sup>1</sup>
2000	3.34	2.72	3.33	..	x	x	..	3.09
2001	3.61	3.64	3.52	..	x	x	..	3.54
2002	3.37	3.04	3.14	..	x	x	..	3.14
2003	3.61	3.33	3.58	..	x	x	..	3.63
2004	x	3.87	3.87	x	x	x	x	3.89
2005	5.40	4.78	4.95	10.81	x	12.53	11.03	5.10
2006	6.18	x	6.54	7.65	9.89	8.11	8.24	6.62
2007	6.19	x	6.71	6.69	8.02	6.93	6.66	6.54
Jul 2004	x	x	3.77	x	x	x	x	3.78
Aug 2004	x	3.92	3.81	x	x	x	x	3.79
Sep 2004	x	x	3.82	x	x	x	x	3.85
Oct 2004	x	x	4.07	x	x	x	x	4.07
Nov 2004	x	x	4.31	x	x	x	x	4.28
Dec 2004	x	x	4.45	x	x	x	x	4.52
Jan 2005	x	4.62	4.46	x	x	x	x	4.60
Feb 2005	4.75	4.84	4.70	x	x	x	x	4.81
Mar 2005	4.55	4.97	4.70	x	x	x	x	4.94
Apr 2005	x	x	4.75	x	x	x	x	4.83
May 2005	x	x	4.64	x	x	x	x	4.66
Jun 2005	x	4.57	4.47	x	x	x	x	4.51
Jul 2005	x	x	4.89	4.81	x	x	4.81	4.87
Aug 2005	x	x	5.27	x	x	x	x	5.21
Sep 2005	x	x	5.20	4.97	x	x	4.97	5.22
Oct 2005	x	x	5.28	7.82	x	x	7.82	5.36
Nov 2005	6.01	x	5.38	15.37	x	x	15.37	5.69
Dec 2005	6.15	x	5.54	14.23	x	12.53	13.75	6.39
Jan 2006	6.48	x	6.34	11.25	13.75	x	12.07	6.83
Feb 2006	6.42	x	6.43	9.40	x	10.64	9.80	6.63
Mar 2006	6.33	x	6.13	9.18	x	9.29	9.22	6.41
Apr 2006	5.63	x	6.32	7.14	12.60	x	9.77	6.67
May 2006	6.20	x	6.48	6.91	x	7.41	7.07	6.57
Jun 2006	4.92	x	6.13	6.28	x	x	6.28	6.00
Jul 2006	7.08	x	6.73	6.85	x	x	6.85	6.49
Aug 2006	6.07	x	6.62	6.88	8.19	7.22	7.34	6.51
Sep 2006	3.84	x	6.86	6.32	7.96	x	7.47	6.86
Oct 2006	6.25	x	6.70	5.56	x	x	5.56	6.44
Nov 2006	6.64	x	6.97	7.26	8.61	6.97	7.42	6.99
Dec 2006	6.19	x	7.12	5.93	9.56	x	7.75	7.05
Jan 2007	7.21	x	7.60	5.83	7.35	4.58	6.18	7.17
Feb 2007	6.83	x	6.73	4.68	8.65	x	5.82	6.44
Mar 2007	5.59	x	6.48	x	x	x	3.41	6.18
Apr 2007	6.20	x	6.32	4.45	x	x	4.45	6.04
May 2007	4.92	x	5.89	x	x	x	x	5.77
Jun 2007	6.01	x	6.13	x	x	x	x	5.91
Jul 2007	6.24	x	6.16	5.70	x	x	5.70	6.08
Aug 2007	5.82	x	6.24	5.72	x	x	5.72	6.11
Sep 2007	5.49	x	6.72	x	x	x	x	6.58
Oct 2007	5.85	x	7.00	x	x	7.62	7.62	6.81
Nov 2007	5.65	x	7.48	10.22	x	7.93	9.51	7.53
Dec 2007	7.74	x	7.89	9.88	x	7.47	8.01	7.63
Jan 2008	7.84	x	8.36	10.04	x	7.00	8.54	8.12
Feb 2008	7.95	x	8.26	10.04	x	x	10.04	8.06
Mar 2008	..	..	..	..	..	..	..	..

Source: Eurostat Intra- and Extra-EU Trade Statistics for Import Quantities and Values.

Note: Please refer to Notes on definitions at the end of this section. Import prices derived from Eurostat Trade Statistics, converted by IEA into USD/MBtu, using average conversion factors.

1. Weighted average based on imports for which prices are available. For the E.U. Member States, calculated average prices may not be comparable from one month to the next due to differing components.

Table 9 - LNG Import Prices into Europe in National Currency/MBtu

Origin	Belgium			Portugal	Spain			
	Algeria	UAE	Average <sup>1</sup>	Nigeria	Algeria	Australia	Libya	Qatar
2000	3.25	x	3.25	x	3.73	x	3.56	3.26
2001	4.12	x	4.12	x	4.16	x	4.08	3.60
2002	3.34	x	3.32	x	3.42	2.43	3.31	3.15
2003	3.30	x	3.30	x	3.19	3.08	3.24	3.09
2004	3.28	x	3.28	2.98	3.23	x	3.10	3.18
2005	..	x	..	3.39	4.31	3.60	3.99	4.00
2006	..	x	..	3.92	5.23	x	5.31	5.45
2007	..	x	..	3.62	5.11	x	4.84	4.96
Jul 2004	3.24	x	3.24	3.00	3.26	x	3.14	3.22
Aug 2004	3.23	x	3.23	x	3.11	x	x	3.22
Sep 2004	3.30	x	3.30	3.22	3.26	x	3.24	3.22
Oct 2004	3.62	x	3.62	2.85	3.42	x	2.75	3.45
Nov 2004	3.25	x	3.25	3.06	3.51	x	3.49	3.50
Dec 2004	3.78	x	3.78	2.74	3.40	x	3.49	3.46
Jan 2005	4.17	x	4.17	2.68	4.00	x	3.49	3.52
Feb 2005	5.60	x	5.60	2.92	3.74	x	3.55	3.68
Mar 2005	5.99	x	5.99	2.78	3.76	x	2.47	3.65
Apr 2005	4.54	x	4.54	3.18	4.03	3.60	3.66	3.69
May 2005	4.41	x	4.41	2.81	4.09	x	2.91	3.78
Jun 2005	4.32	x	4.32	3.47	4.08	x	3.71	3.61
Jul 2005	4.49	x	4.49	3.09	4.12	x	4.06	3.97
Aug 2005	4.48	x	4.48	3.54	4.61	x	4.18	4.21
Sep 2005	4.51	x	4.51	x	4.54	x	4.20	4.14
Oct 2005	4.76	x	4.76	4.79	4.51	x	4.41	4.75
Nov 2005	..	x	..	3.85	5.11	x	4.86	5.07
Dec 2005	..	x	..	4.27	5.45	x	4.85	4.04
Jan 2006	..	x	..	4.38	4.86	x	5.21	5.26
Feb 2006	..	x	..	3.61	5.11	x	5.39	5.21
Mar 2006	..	x	..	4.03	4.95	x	5.21	5.33
Apr 2006	..	x	..	3.86	5.45	x	5.22	5.19
May 2006	..	x	..	5.69	5.47	x	5.20	5.28
Jun 2006	..	x	..	3.16	4.54	x	5.22	5.28
Jul 2006	..	x	..	3.46	5.50	x	5.36	5.74
Aug 2006	..	x	..	3.54	5.29	x	5.31	5.43
Sep 2006	..	x	..	4.71	5.87	x	5.36	5.77
Oct 2006	..	x	..	3.71	5.61	x	x	5.60
Nov 2006	..	x	..	3.88	5.39	x	5.45	5.49
Dec 2006	..	x	..	4.20	5.11	x	5.84	5.66
Jan 2007	..	x	..	3.33	5.32	x	5.05	6.00
Feb 2007	..	x	..	3.40	5.29	x	5.36	5.19
Mar 2007	..	x	..	3.29	5.42	x	5.44	5.00
Apr 2007	..	x	..	3.17	5.25	x	4.47	4.44
May 2007	..	x	..	3.71	4.56	x	4.42	4.92
Jun 2007	..	x	..	3.24	4.77	x	4.37	4.42
Jul 2007	..	x	..	3.94	4.92	x	4.41	4.49
Aug 2007	..	x	..	3.47	5.06	x	4.65	4.62
Sep 2007	..	x	..	4.03	5.14	x	4.37	4.42
Oct 2007	..	x	..	3.43	5.04	x	4.91	5.02
Nov 2007	..	x	..	4.06	5.29	x	4.93	5.39
Dec 2007	..	x	..	3.91	5.20	x	5.38	5.06
Jan 2008	..	x	..	3.75	5.93	x	5.28	5.42
Feb 2008	..	x	..	3.72	6.10	x	5.40	5.50
Mar 2008	..	..	..	..	..	..	..	..

Source: Eurostat Intra- and Extra-EU Trade Statistics for Import Quantities and Values.

Note: Please refer to Notes on definitions at the end of this section. Import prices derived from Eurostat Trade Statistics, converted by IEA using average conversion factors.

1. Weighted average based only on imports for which prices are available.

Table 9 (cont.) - LNG Import Prices into Europe in National Currency/MBtu

Origin	Spain			United Kingdom				E.U. Member States
	Trinidad	UAE	Average <sup>1</sup>	Algeria	Egypt	Trinidad	Average <sup>1</sup>	Average <sup>1</sup>
2000	3.62	3.07	3.63	..	x	x	..	3.34
2001	4.04	4.06	3.92	..	x	x	..	3.95
2002	3.61	3.25	3.31	..	x	x	..	3.31
2003	3.36	2.94	3.16	..	x	x	..	3.20
2004	x	3.13	3.11	x	x	x	x	3.13
2005	4.39	3.68	3.99	6.18	x	7.18	6.31	4.11
2006	4.93	x	5.22	4.19	5.32	4.44	4.49	5.28
2007	4.50	x	4.90	3.32	4.10	3.43	3.33	4.77
Jul 2004	x	x	3.07	x	x	x	x	3.08
Aug 2004	x	3.22	3.13	x	x	x	x	3.10
Sep 2004	x	x	3.13	x	x	x	x	3.15
Oct 2004	x	x	3.26	x	x	x	x	3.26
Nov 2004	x	x	3.32	x	x	x	x	3.29
Dec 2004	x	x	3.32	x	x	x	x	3.36
Jan 2005	x	3.53	3.40	x	x	x	x	3.51
Feb 2005	3.65	3.71	3.61	x	x	x	x	3.69
Mar 2005	3.45	3.77	3.57	x	x	x	x	3.75
Apr 2005	x	x	3.68	x	x	x	x	3.73
May 2005	x	x	3.66	x	x	x	x	3.68
Jun 2005	x	3.76	3.68	x	x	x	x	3.71
Jul 2005	x	x	4.06	2.75	x	x	2.75	4.04
Aug 2005	x	x	4.29	x	x	x	x	4.23
Sep 2005	x	x	4.25	2.75	x	x	2.75	4.26
Oct 2005	x	x	4.39	4.43	x	x	4.43	4.45
Nov 2005	5.10	x	4.57	8.85	x	x	8.85	4.83
Dec 2005	5.18	x	4.67	8.15	x	7.18	7.88	5.39
Jan 2006	5.35	x	5.23	6.37	7.78	x	6.83	5.64
Feb 2006	5.38	x	5.39	5.37	x	6.09	5.61	5.55
Mar 2006	5.26	x	5.09	5.26	x	5.33	5.28	5.32
Apr 2006	4.58	x	5.14	4.04	7.13	x	5.53	5.43
May 2006	4.85	x	5.08	3.70	x	3.96	3.78	5.14
Jun 2006	3.89	x	4.84	3.41	x	x	3.41	4.74
Jul 2006	5.58	x	5.31	3.71	x	x	3.71	5.11
Aug 2006	4.74	x	5.17	3.63	4.33	3.81	3.87	5.09
Sep 2006	3.01	x	5.38	3.35	4.22	x	3.96	5.39
Oct 2006	4.95	x	5.31	2.97	x	x	2.97	5.10
Nov 2006	5.15	x	5.41	3.80	4.50	3.65	3.88	5.42
Dec 2006	4.70	x	5.39	3.02	4.87	x	3.95	5.35
Jan 2007	5.54	x	5.85	2.98	3.75	2.33	3.15	5.52
Feb 2007	5.22	x	5.14	2.39	4.42	x	2.98	4.92
Mar 2007	4.22	x	4.89	x	x	x	1.75	4.67
Apr 2007	4.59	x	4.68	2.24	x	x	2.24	4.47
May 2007	3.64	x	4.36	x	x	x	x	4.27
Jun 2007	4.48	x	4.57	x	x	x	x	4.40
Jul 2007	4.55	x	4.49	2.80	x	x	2.80	4.43
Aug 2007	4.28	x	4.58	2.84	x	x	2.84	4.49
Sep 2007	3.95	x	4.83	x	x	x	x	4.73
Oct 2007	4.11	x	4.92	x	x	3.73	3.73	4.79
Nov 2007	3.85	x	5.09	4.94	x	3.83	4.59	5.13
Dec 2007	5.32	x	5.42	4.90	x	3.70	3.97	5.24
Jan 2008	5.33	x	5.69	5.10	x	3.55	4.34	5.52
Feb 2008	5.40	x	5.61	5.11	x	x	5.11	5.47
Mar 2008	..	..	..	..	..	..	..	..

Source: Eurostat Intra- and Extra-EU Trade Statistics for Import Quantities and Values.

Note: Please refer to Notes on definitions at the end of this section. Import prices derived from Eurostat Trade Statistics, converted by IEA using average conversion factors.

1. Weighted average based on imports for which prices are available. For the E.U. Member States, calculated average prices may not be comparable from one month to the next due to differing components.

Table 10 - LNG Import Prices into Japan and Korea in US Dollars/MBtu

Origin	Japan LNG				
	Australia	United States	Brunei	Indonesia	Malaysia
2000	4.53	4.34	4.29	5.24	4.46
2001	4.64	4.43	4.51	4.69	4.66
2002	4.29	4.15	4.21	4.37	4.35
2003	4.74	4.54	4.58	5.07	4.71
2004	4.93	4.99	4.75	5.95	4.94
2005	5.61	5.79	5.53	7.05	5.72
2006	6.50	6.69	5.90	8.16	6.56
2007	6.89	6.05	6.38	8.53	7.83
Jul 2004	4.81	4.98	4.67	5.77	4.88
Aug 2004	4.92	5.08	4.77	5.99	4.96
Sep 2004	5.10	5.26	4.88	6.50	5.12
Oct 2004	5.26	5.33	5.04	6.85	5.18
Nov 2004	5.12	5.38	5.13	7.17	5.27
Dec 2004	5.27	5.40	5.14	6.62	5.38
Jan 2005	5.37	5.32	5.23	5.91	5.37
Feb 2005	5.37	5.36	5.25	6.12	5.44
Mar 2005	5.20	5.31	5.30	6.52	5.37
Apr 2005	5.08	5.19	5.25	7.13	5.34
May 2005	5.25	5.42	5.21	7.28	5.38
Jun 2005	5.32	5.44	5.26	6.59	5.49
Jul 2005	5.73	5.82	5.45	7.06	5.66
Aug 2005	5.93	6.12	5.81	7.41	6.02
Sep 2005	5.86	5.93	5.87	7.75	5.93
Oct 2005	5.95	6.18	5.96	8.01	5.92
Nov 2005	6.05	6.33	6.03	8.10	6.07
Dec 2005	6.27	6.75	5.77	7.26	6.54
Jan 2006	6.31	6.77	5.77	7.48	6.44
Feb 2006	6.48	6.51	5.74	7.93	6.33
Mar 2006	6.28	6.44	5.78	8.08	6.34
Apr 2006	6.02	6.51	5.72	7.94	6.26
May 2006	6.38	6.87	5.82	8.81	6.45
Jun 2006	6.09	6.72	5.70	8.61	6.27
Jul 2006	6.35	6.78	6.03	8.60	6.41
Aug 2006	6.65	7.19	6.04	8.48	6.60
Sep 2006	6.88	7.27	6.03	8.92	7.04
Oct 2006	6.71	6.30	6.02	8.00	6.73
Nov 2006	6.74	6.50	6.09	7.65	6.99
Dec 2006	7.05	6.43	6.00	7.34	6.89
Jan 2007	6.62	6.11	6.00	7.68	6.64
Feb 2007	6.59	5.98	6.07	7.30	6.45
Mar 2007	6.81	5.93	6.11	7.53	6.44
Apr 2007	6.15	5.92	5.79	7.78	7.63
May 2007	6.20	5.64	5.69	8.24	7.50
Jun 2007	6.21	5.75	5.69	8.52	7.43
Jul 2007	6.50	6.01	5.74	8.43	8.02
Aug 2007	6.70	6.23	6.13	8.91	8.64
Sep 2007	6.54	6.24	6.05	8.67	8.47
Oct 2007	8.70	6.30	6.19	9.29	8.63
Nov 2007	9.31	6.59	8.76	9.89	9.48
Dec 2007	7.90	6.26	8.30	10.21	8.85
Jan 2008	9.52	6.60	9.56	10.90	9.60
Feb 2008	9.24	6.78	10.33	10.88	9.96
Mar 2008	10.27	7.52	11.94	11.18	10.97

Source: Japanese Trade Statistics and Korean *Energy Review Monthly*.

Table 10 (cont.) - LNG Import Prices into Japan and Korea US Dollars/MBtu

Origin	Japan LNG				Korea LNG
	Oman	Qatar	U.A.E.	Average	Average
2000	5.17	4.71	4.36	4.73	5.04
2001	4.69	4.65	4.64	4.64	4.95
2002	4.21	4.33	4.31	4.32	4.41
2003	4.98	4.74	4.72	4.82	5.03
2004	5.69	5.08	4.88	5.23	5.74
2005	7.12	5.92	5.57	6.04	6.96
2006	8.88	7.68	6.81	7.18	8.75
2007	8.09	8.20	7.21	7.79	9.90
Jul 2004	5.55	4.98	4.69	5.11	5.87
Aug 2004	5.65	5.18	4.80	5.25	6.12
Sep 2004	5.73	5.21	5.04	5.49	6.37
Oct 2004	6.56	5.35	5.23	5.69	6.46
Nov 2004	6.92	5.44	5.30	5.67	6.64
Dec 2004	6.74	5.53	5.22	5.75	6.25
Jan 2005	7.05	5.55	5.18	5.51	5.39
Feb 2005	6.70	5.47	5.20	5.60	6.12
Mar 2005	7.08	5.45	5.17	5.64	6.01
Apr 2005	6.74	5.48	5.07	5.74	6.34
May 2005	6.51	5.48	5.21	5.79	6.73
Jun 2005	6.60	5.69	5.25	5.72	6.88
Jul 2005	7.01	5.84	5.54	6.04	7.21
Aug 2005	7.01	6.16	5.92	6.36	7.93
Sep 2005	7.31	6.31	5.76	6.42	7.67
Oct 2005	6.51	6.27	5.94	6.49	8.13
Nov 2005	8.43	6.43	6.06	6.59	7.85
Dec 2005	9.10	6.76	6.42	6.64	7.94
Jan 2006	9.64	6.77	6.52	6.66	7.95
Feb 2006	14.15	7.92	6.28	7.08	8.73
Mar 2006	14.35	7.02	6.23	7.25	7.66
Apr 2006	8.81	7.09	6.25	6.84	8.33
May 2006	3.86	7.82	6.56	7.12	8.93
Jun 2006	7.02	7.89	6.77	7.08	9.16
Jul 2006	5.95	7.37	6.80	6.93	9.64
Aug 2006	8.48	8.25	7.05	7.35	9.69
Sep 2006	9.89	8.41	7.19	7.72	9.59
Oct 2006	7.02	8.21	7.25	7.25	9.13
Nov 2006	9.15	7.57	7.29	7.36	8.78
Dec 2006	10.18	7.72	7.20	7.40	9.27
Jan 2007	8.65	7.65	7.24	7.14	8.82
Feb 2007	11.16	7.39	6.97	7.02	8.70
Mar 2007	8.76	7.74	6.43	7.03	8.63
Apr 2007	7.45	7.79	6.85	7.14	9.25
May 2007	6.63	7.92	6.80	7.25	9.32
Jun 2007	6.99	7.78	6.44	7.15	9.63
Jul 2007	6.81	8.21	6.84	7.45	9.50
Aug 2007	7.21	8.53	7.63	7.96	10.89
Sep 2007	7.46	8.90	7.69	7.99	10.67
Oct 2007	8.80	8.35	7.92	8.63	9.62
Nov 2007	9.47	8.74	8.03	9.49	12.10
Dec 2007	8.60	9.42	7.83	9.13	11.91
Jan 2008	11.46	9.96	9.04	10.17	11.08
Feb 2008	8.88	10.36	9.22	10.55	..
Mar 2008	12.08	11.08	9.78	11.53	..

Source: Japanese Trade Statistics and Korean *Energy Review Monthly*.

Table 11 - LNG and Natural Gas Import Prices into the United States in US Dollars/MBtu

Origin	LNG						
	Australia	Algeria	Indonesia	Malaysia	Nigeria	Oman	Qatar
2000	3.18	3.41	3.91	x	4.28	3.30	3.38
2001	3.78	3.65	x	x	5.46	5.45	4.28
2002	x	3.54	x	3.07	3.15	3.27	3.32
2003	x	5.37	x	4.87	4.57	3.93	4.89
2004	6.34	5.73	x	4.83	6.08	5.48	5.57
2005	x	8.69	x	8.82	9.91	5.61	5.85
2006	x	8.32	x	x	6.65	x	x
2007	x	7.05	x	x	6.91	x	7.11
Jul 2004	5.96	5.56	x	4.84	5.60	5.31	5.72
Aug 2004	x	5.22	x	x	x	x	x
Sep 2004	x	4.92	x	4.81	4.64	x	x
Oct 2004	x	5.25	x	x	x	x	5.32
Nov 2004	x	7.11	x	x	x	x	x
Dec 2004	7.42	7.25	x	x	7.79	x	x
Jan 2005	x	6.37	x	5.25	7.29	5.61	x
Feb 2005	x	6.54	x	x	x	x	5.85
Mar 2005	x	6.04	x	6.54	x	x	x
Apr 2005	x	6.90	x	x	x	x	x
May 2005	x	6.68	x	x	x	x	x
Jun 2005	x	6.17	x	x	x	x	x
Jul 2005	x	6.65	x	x	x	x	x
Aug 2005	x	7.55	x	x	10.89	x	x
Sep 2005	x	10.00	x	x	x	x	x
Oct 2005	x	12.59	x	14.19	11.46	x	x
Nov 2005	x	14.01	x	x	x	x	x
Dec 2005	x	12.03	x	x	x	x	x
Jan 2006	x	13.42	x	x	11.71	x	x
Feb 2006	x	8.95	x	x	8.49	x	x
Mar 2006	x	7.48	x	x	x	x	x
Apr 2006	x	7.01	x	x	7.24	x	x
May 2006	x	x	x	x	7.21	x	x
Jun 2006	x	6.44	x	x	5.84	x	x
Jul 2006	x	6.48	x	x	5.81	x	x
Aug 2006	x	x	x	x	6.92	x	x
Sep 2006	x	x	x	x	6.80	x	x
Oct 2006	x	x	x	x	4.02	x	x
Nov 2006	x	x	x	x	7.16	x	x
Dec 2006	x	x	x	x	7.16	x	x
Jan 2007	x	6.25	x	x	5.75	x	x
Feb 2007	x	x	x	x	6.91	x	x
Mar 2007	x	7.65	x	x	7.58	x	x
Apr 2007	x	7.04	x	x	6.89	x	x
May 2007	x	7.10	x	x	7.68	x	6.00
Jun 2007	x	6.98	x	x	7.52	x	7.96
Jul 2007	x	x	x	x	6.74	x	6.42
Aug 2007	x	x	x	x	5.81	x	7.20
Sep 2007	x	5.80	x	x	5.32	x	x
Oct 2007	x	x	x	x	x	x	x
Nov 2007	x	x	x	x	x	x	x
Dec 2007	x	x	x	x	x	x	x
Jan 2008	..	..	..	..	..	..	..
Feb 2008	..	..	..	..	..	..	..
Mar 2008	..	..	..	..	..	..	..

Source: DOE/EIA - *Natural Gas Monthly*.

Note: U.S. import prices have been converted by the IEA into USD/MBtu using an average conversion factor of 1020 Btu per cubic foot.

Table 11 (cont.) - LNG and Natural Gas Import Prices in the United States in US Dollars/MBtu

Origin	LNG			Pipeline		
	Trinidad	U.A.E.	Average	Canada	Mexico	Average
2000	3.36	3.46	3.43	3.90	5.32	3.90
2001	3.96	x	4.22	4.34	4.90	4.35
2002	3.37	x	3.36	3.07	2.31	3.07
2003	4.61	x	4.69	5.09	x	5.09
2004	5.72	x	5.71	5.70	x	5.70
2005	7.53	x	8.10	7.94	8.30	7.94
2006	7.17	x	7.05	6.70	5.54	6.70
2007	7.00	x	6.95	6.70	6.42	6.70
Jul 2004	5.80	x	5.60	5.66	x	5.66
Aug 2004	5.77	x	5.57	5.49	x	5.49
Sep 2004	5.00	x	4.95	4.84	x	4.84
Oct 2004	5.32	x	5.31	5.26	x	5.26
Nov 2004	6.80	x	6.82	6.84	x	6.84
Dec 2004	6.89	x	7.04	6.77	x	6.77
Jan 2005	6.18	x	6.18	6.18	x	6.18
Feb 2005	6.15	x	6.21	5.98	x	5.98
Mar 2005	6.02	x	6.05	6.14	6.55	6.14
Apr 2005	6.74	x	6.78	6.79	6.41	6.79
May 2005	6.49	x	6.53	6.42	6.09	6.42
Jun 2005	6.21	x	6.25	6.23	x	6.23
Jul 2005	6.79	x	6.75	6.69	6.56	6.69
Aug 2005	6.48	x	7.29	7.36	x	7.36
Sep 2005	9.15	x	9.68	9.77	9.79	9.77
Oct 2005	11.08	x	11.93	11.72	10.66	11.71
Nov 2005	11.58	x	12.30	10.89	7.02	10.86
Dec 2005	9.57	x	10.26	10.78	8.63	10.76
Jan 2006	10.15	x	10.36	9.87	7.31	9.86
Feb 2006	8.28	x	8.30	7.74	7.19	7.73
Mar 2006	7.39	x	7.40	6.81	5.99	6.81
Apr 2006	7.03	x	7.02	6.50	6.04	6.50
May 2006	7.01	x	6.96	6.27	5.18	6.27
Jun 2006	5.99	x	5.90	5.68	x	5.68
Jul 2006	6.19	x	6.00	5.79	x	5.79
Aug 2006	6.89	x	6.89	6.56	x	6.56
Sep 2006	6.52	x	6.59	5.61	4.68	5.60
Oct 2006	5.89	x	5.29	4.73	4.60	4.72
Nov 2006	7.50	x	7.27	7.07	6.32	7.07
Dec 2006	7.56	x	7.66	7.44	5.44	7.42
Jan 2007	6.48	x	6.26	6.39	5.31	6.38
Feb 2007	7.62	x	7.39	7.24	7.04	7.23
Mar 2007	7.33	x	7.38	7.30	6.58	7.29
Apr 2007	7.04	x	7.08	7.11	6.76	7.10
May 2007	7.55	x	7.37	7.27	7.27	7.27
Jun 2007	7.02	x	7.26	7.17	7.05	7.17
Jul 2007	6.96	x	6.87	6.33	5.92	6.33
Aug 2007	6.22	x	6.17	5.80	5.87	5.80
Sep 2007	5.87	x	5.60	5.35	5.33	5.35
Oct 2007	6.72	x	6.70	6.19	6.23	6.19
Nov 2007	7.75	x	7.72	7.01	5.84	7.00
Dec 2007	7.71	x	7.71	7.35	6.49	7.34
Jan 2008	..	..	..	..	..	..
Feb 2008	..	..	..	..	..	..
Mar 2008	..	..	..	..	..	..

Source: DOE/EIA - *Natural Gas Monthly*.

Note: U.S. import prices have been converted by the IEA into USD/MBtu using an average conversion factor of 1020 Btu per cubic foot.

Table 12 - LNG Import Prices into Japan and Korea in National Currency/MBtu

Origin	Japan LNG				
	Australia	United States	Brunei	Indonesia	Malaysia
2000	488.52	469.07	462.40	564.99	481.46
2001	563.71	537.89	547.89	569.06	565.90
2002	536.24	518.72	526.03	545.33	544.74
2003	550.66	525.93	531.51	588.20	545.42
2004	532.12	538.56	513.33	643.11	534.11
2005	618.34	640.72	609.31	776.45	630.63
2006	755.75	777.64	686.33	948.99	764.44
2007	814.12	716.62	748.17	1002.48	920.25
Jul 2004	526.18	544.80	511.44	632.06	534.69
Aug 2004	542.61	560.69	526.14	660.44	546.56
Sep 2004	561.28	579.48	537.28	715.79	563.93
Oct 2004	572.47	579.63	547.86	745.03	563.68
Nov 2004	535.95	563.21	537.19	750.63	551.42
Dec 2004	547.51	560.18	533.03	687.51	558.94
Jan 2005	554.95	549.82	540.49	611.29	555.43
Feb 2005	563.75	563.18	551.41	642.45	570.72
Mar 2005	547.32	558.98	557.88	686.39	565.55
Apr 2005	544.57	557.27	563.32	764.65	572.99
May 2005	559.69	577.64	555.80	776.06	573.07
Jun 2005	578.41	591.31	571.89	715.89	596.89
Jul 2005	641.82	651.74	610.61	791.26	633.75
Aug 2005	653.84	674.21	640.25	816.16	663.72
Sep 2005	650.79	658.68	652.44	860.98	659.28
Oct 2005	683.41	708.97	684.77	919.92	679.83
Nov 2005	716.56	750.22	714.03	959.58	719.54
Dec 2005	742.32	799.57	682.68	859.22	773.83
Jan 2006	728.41	781.74	666.15	863.65	743.82
Feb 2006	763.45	767.10	676.51	935.19	746.14
Mar 2006	736.98	755.08	678.56	947.53	743.81
Apr 2006	705.25	762.32	669.98	930.20	732.71
May 2006	713.01	768.38	650.80	984.93	721.39
Jun 2006	699.02	770.44	653.41	987.22	719.15
Jul 2006	734.35	784.58	697.42	995.19	741.90
Aug 2006	770.44	833.66	699.51	982.71	764.72
Sep 2006	806.80	852.59	706.60	1045.25	824.65
Oct 2006	796.34	747.52	714.60	949.36	799.19
Nov 2006	791.00	762.07	713.83	897.83	820.08
Dec 2006	827.40	754.46	704.32	861.43	808.32
Jan 2007	797.24	735.61	722.24	924.94	799.23
Feb 2007	794.57	720.74	731.68	879.11	777.65
Mar 2007	798.46	696.00	716.40	883.56	755.21
Apr 2007	731.22	704.37	688.88	924.70	906.82
May 2007	749.45	681.30	687.57	995.45	906.33
Jun 2007	762.18	705.55	697.59	1045.85	911.97
Jul 2007	789.87	729.69	697.18	1024.20	974.70
Aug 2007	782.23	727.29	715.06	1039.23	1008.50
Sep 2007	752.87	718.75	695.90	997.94	975.14
Oct 2007	1008.01	729.99	717.83	1076.65	1000.27
Nov 2007	1032.71	731.12	971.76	1096.91	1051.00
Dec 2007	889.11	704.50	933.67	1149.06	995.99
Jan 2008	1027.26	711.92	1031.30	1175.62	1035.70
Feb 2008	990.08	725.98	1106.87	1165.30	1066.30
Mar 2008	1033.75	757.24	1202.65	1125.40	1104.87

Source: Japanese Trade Statistics and Korean *Energy Review Monthly*.



Table 12 (cont.) - LNG Import Prices into Japan and Korea in National Currency/MBtu

Origin	Japan LNG				Korea LNG
	Oman	Qatar	U.A.E.	Average	Average
2000	580.57	509.16	471.34	510.30	5724
2001	571.50	564.14	564.05	563.63	6366
2002	522.10	540.57	539.74	539.92	5524
2003	576.62	550.92	549.41	558.89	6002
2004	618.99	547.50	526.85	564.68	6546
2005	786.06	653.39	615.62	666.03	7135
2006	1037.13	892.75	792.54	835.23	8325
2007	950.69	965.11	849.65	914.83	9209
Jul 2004	607.32	544.95	513.01	559.26	6801
Aug 2004	623.38	570.87	529.85	578.52	7092
Sep 2004	631.20	573.76	555.21	604.43	7305
Oct 2004	713.87	582.32	569.10	618.66	7375
Nov 2004	724.45	569.65	555.35	593.83	7222
Dec 2004	699.94	574.02	542.06	596.87	6566
Jan 2005	729.05	573.62	535.45	569.85	5602
Feb 2005	703.13	574.43	545.91	587.56	6251
Mar 2005	745.12	574.38	544.70	594.28	6060
Apr 2005	723.64	587.88	544.26	615.96	6407
May 2005	694.46	583.91	554.97	616.96	6746
Jun 2005	716.92	618.05	570.85	621.77	6962
Jul 2005	784.67	653.92	620.25	676.38	7477
Aug 2005	771.98	678.85	652.70	701.01	8100
Sep 2005	811.76	700.82	639.82	713.48	7928
Oct 2005	747.12	720.14	682.43	744.81	8501
Nov 2005	999.13	762.46	718.45	781.14	8170
Dec 2005	1077.45	800.31	759.67	786.05	8122
Jan 2006	1113.21	782.18	752.90	768.68	7526
Feb 2006	1667.74	933.38	740.95	834.17	8473
Mar 2006	1683.07	823.73	730.50	850.91	7467
Apr 2006	1031.20	830.44	732.11	800.69	7936
May 2006	431.12	873.96	733.62	795.73	8401
Jun 2006	804.90	905.55	776.08	811.52	8748
Jul 2006	688.24	853.15	786.44	802.03	9169
Aug 2006	982.26	956.66	816.98	851.60	9314
Sep 2006	1159.13	985.33	842.27	905.15	9144
Oct 2006	833.68	974.56	860.22	861.00	8709
Nov 2006	1073.52	887.74	855.15	863.51	8214
Dec 2006	1195.44	906.34	845.27	868.70	8581
Jan 2007	1041.33	921.24	871.28	859.16	8269
Feb 2007	1345.21	890.36	839.55	845.40	8152
Mar 2007	1027.56	907.68	754.69	824.08	8141
Apr 2007	885.60	926.15	813.97	849.11	8615
May 2007	800.94	957.17	821.84	875.41	8650
Jun 2007	857.69	955.12	790.78	876.93	8946
Jul 2007	826.95	998.05	831.36	904.72	8725
Aug 2007	841.11	995.20	890.32	928.72	10179
Sep 2007	859.18	1024.14	884.87	919.77	9913
Oct 2007	1019.84	967.97	917.43	1000.01	8799
Nov 2007	1050.56	969.42	890.22	1052.87	11116
Dec 2007	967.39	1059.99	880.55	1026.68	11102
Jan 2008	1236.43	1074.38	975.33	1097.83	10445
Feb 2008	950.61	1109.33	987.29	1129.61	..
Mar 2008	1216.33	1115.75	984.62	1160.60	..

Source: Japanese Trade Statistics and Korean Energy Review Monthly.

**Table 13 - OECD: Steam Coal Import Costs by Importing Country in US Dollars/tonne  
(Average Unit Value, CIF)**

	OECD*	E.U. Member States*	Belgium	Denmark	Finland	France	Germany
1992	48.22	48.59	46.71	42.12	43.89	45.94	53.12
1993	40.21	37.99	43.92	32.25	33.34	44.12	43.98
1994	41.10	40.35	43.84	31.10	37.44	44.03	43.97
1995	47.14	47.51	47.94	38.53	44.30	49.29	53.53
1996	46.41	45.62	49.43	38.88	41.63	48.00	45.45
1997	43.65	43.52	49.47	34.88	42.23	48.24	42.49
1998	39.41	39.72	45.21	36.39	37.19	41.43	37.06
1999	34.31	34.43	40.74	30.29	31.50	38.59	32.59
2000	33.65	35.22	39.88	31.67	32.08	37.21	33.45
2001	38.87	42.96	46.96	40.78	40.83	45.36	41.46
2002	36.67	38.69	39.34	31.65	37.08	42.59	36.80
2003	37.37	41.94	39.76	50.27	39.99	42.63	39.00
2004	55.34	61.91	66.29	56.29	58.45	64.08	61.22
2005	64.85	71.27	70.83	61.84	62.80	75.23	72.48
2006	63.38	69.80	70.95	59.15	67.65	72.92	70.12
2007	72.84	82.21	82.81	75.20	72.64	84.49	81.49
2Q2006	62.88	68.34	72.67	61.63	60.06	76.96	69.12
3Q2006	62.97	70.11	70.48	61.73	63.75	73.39	70.44
4Q2006	65.58	73.30	71.78	70.96	72.75	71.34	71.59
1Q2007	65.38	72.78	71.88	70.32	68.62	72.38	73.31
2Q2007	68.51	76.76	75.83	69.03	69.53	78.88	76.07
3Q2007	72.15	82.17	78.98	75.96	72.16	83.81	80.80
4Q2007	84.55	96.35	101.12	86.21	83.05	99.02	93.18
1Q2008	..	..	..	..	..	..	..
	Ireland**	Italy	Japan	Netherlands	Spain	UK	USA
1992	71.50	46.00	48.47	52.73	40.61	56.07	35.80
1993	53.94	47.18	45.92	43.37	37.79	50.53	32.32
1994	33.37	45.01	43.88	40.37	37.02	49.49	33.08
1995	69.55	50.48	47.85	43.89	43.24	45.19	36.50
1996	57.98	49.11	49.29	40.36	41.04	46.44	35.17
1997	51.08	47.24	45.26	39.57	39.15	45.51	36.64
1998	46.36	40.63	40.68	34.78	33.84	43.47	33.60
1999	42.93	33.49	35.87	30.41	29.64	40.43	33.64
2000	42.85	37.92	34.59	29.54	32.03	39.73	31.11
2001	45.25	44.83	37.95	40.09	37.30	45.66	35.14
2002	47.88	41.25	36.95	35.81	34.80	40.48	37.61
2003	50.08	42.45	34.93	37.27	36.73	44.03	33.76
2004	80.90	63.54	51.48	55.09	55.89	65.02	40.10
2005	74.91	73.20	62.73	68.86	62.94	70.24	47.39
2006	101.78	69.16	63.33	68.57	60.66	69.91	50.55
2007	125.15	86.00	70.92	79.12	74.06	84.03	49.53
2Q2006	151.55	66.85	63.29	66.49	59.78	68.36	52.85
3Q2006	83.47	69.76	62.89	69.58	59.59	70.81	50.19
4Q2006	94.25	73.03	63.86	70.73	63.35	73.47	50.67
1Q2007	133.03	75.63	64.10	69.06	62.89	74.80	48.86
2Q2007	133.75	79.09	67.08	73.63	67.38	78.77	48.61
3Q2007	185.14	87.41	73.13	78.79	73.77	83.55	48.52
4Q2007	107.81	103.58	78.46	95.42	88.87	100.59	52.38
1Q2008	..	..	..	..	..	..	..

\* Weighted average based only on imports for which prices are available. Calculated average prices may not be comparable from one month to the next due to differing components.

\*\* On occasion, shipments of extremely small quantities of coal with high values and transportation costs result in high import costs.

**Table 14 - E.U. Member States Steam Coal Import Costs by Origin in US Dollars/tonne  
(Average Unit Value, CIF)**

	Total*	Australia	USA	Venezuela	Ukraine	South Africa	China**	Indonesia	Colombia	Russia
1992	48.59	50.07	50.69	53.06	41.19	42.48	45.46	46.54	49.65	39.50
1993	37.99	38.85	46.96	44.12	39.29	32.86	45.65	40.83	35.39	24.10
1994	40.35	40.74	46.05	46.26	56.12	36.18	41.78	40.41	39.68	36.67
1995	47.51	45.06	49.12	48.04	47.32	43.76	45.29	40.67	43.42	42.55
1996	45.62	48.25	48.03	47.55	69.30	42.23	46.18	36.96	41.93	42.48
1997	43.52	46.38	48.47	46.10	64.45	40.33	52.87	33.61	42.29	39.84
1998	39.72	40.03	46.99	42.95	46.82	36.30	52.85	30.77	37.56	37.23
1999	34.43	36.68	40.67	37.44	38.31	31.78	32.58	29.35	32.69	30.96
2000	35.22	39.04	41.07	39.53	38.38	33.83	31.45	30.05	34.22	33.59
2001	42.96	44.13	46.52	47.19	50.65	42.32	40.90	36.08	42.32	42.16
2002	38.69	43.28	43.48	47.16	40.11	36.65	44.30	36.48	36.99	36.79
2003	41.94	46.83	47.37	48.43	42.02	39.10	51.38	39.29	41.65	42.22
2004	61.91	69.05	61.50	63.19	76.64	58.00	60.61	52.56	61.54	65.14
2005	71.27	106.40	86.75	79.05	83.76	67.64	93.41	61.27	67.98	68.46
2006	69.80	109.71	82.08	78.43	67.82	66.24	150.20	61.85	66.07	67.93
2007	82.21	103.73	97.50	99.86	82.04	80.25	73.02	71.95	78.16	79.03
2Q2006	68.34	114.77	72.26	85.20	60.84	66.03	319.75	61.65	61.61	66.83
3Q2006	70.11	106.40	83.63	74.92	69.46	66.32	x	58.07	68.16	68.18
4Q2006	73.30	107.74	83.77	79.42	59.80	69.90	150.04	66.69	70.24	70.36
1Q2007	72.78	86.64	79.93	87.16	79.01	70.41	70.39	67.61	70.15	70.94
2Q2007	76.76	105.43	88.11	92.27	81.41	73.42	78.05	67.38	71.88	74.16
3Q2007	82.17	103.64	95.25	105.68	81.68	79.25	x	72.20	76.94	79.13
4Q2007	96.35	121.91	111.97	110.01	87.77	97.57	493.05	84.24	92.05	91.98
1Q2008	..	..	..	..	..	..	..	..	..	..

**Table 15 - E.U. Member States Steam Coal Imports  
(Percentage of Total Import Volume)**

Total (1000t)	Australia	USA	Venezuela	Ukraine	South Africa	China**	Indonesia	Colombia	Russia	
1992	92173	12.14	24.72	1.39	0.26	26.73	2.03	2.23	11.15	5.03
1993	73054	9.23	14.63	1.91	0.24	31.86	0.80	2.40	12.32	6.29
1994	82251	9.39	12.26	2.26	0.08	30.63	0.99	3.84	13.23	3.28
1995	93569	5.77	21.35	1.78	0.02	29.47	1.37	3.07	10.49	3.94
1996	98684	3.12	18.20	1.27	0.00	28.11	0.38	3.36	13.47	2.61
1997	104437	5.48	12.34	2.01	0.01	25.50	0.60	4.26	14.48	2.55
1998	101228	6.29	7.59	1.97	0.00	27.67	0.68	5.31	14.73	1.66
1999	105052	8.16	5.38	1.80	0.02	30.10	1.19	5.58	14.82	4.81
2000	115495	6.40	5.26	2.75	0.09	31.53	0.74	6.85	15.85	7.35
2001	134211	6.05	6.51	1.92	0.07	30.11	2.04	6.68	13.46	10.29
2002	129543	6.13	2.92	1.92	0.20	33.55	0.75	7.51	13.89	9.88
2003	144176	6.46	1.92	1.19	0.06	34.50	1.28	8.12	14.55	11.80
2004	159053	5.29	2.41	0.85	0.26	31.05	0.73	8.79	13.14	17.26
2005	158166	3.54	2.03	0.60	0.09	30.75	0.14	8.68	13.55	21.18
2006	169992	3.43	1.98	0.55	0.10	27.44	0.02	10.94	12.53	25.16
2007	180746	3.94	2.82	0.61	0.92	23.18	0.10	8.74	14.33	26.51
2Q2006	42191	2.85	1.72	0.42	0.11	26.66	0.00	11.33	11.61	28.52
3Q2006	39766	4.18	1.68	0.93	0.23	26.34	x	9.62	12.75	28.10
4Q2006	46350	3.88	2.94	0.40	0.01	27.49	0.07	11.63	13.63	22.59
1Q2007	47752	3.95	1.91	0.48	0.79	24.70	0.29	11.75	13.76	26.25
2Q2007	42533	3.57	2.50	0.63	1.38	23.63	0.08	8.48	14.33	28.26
3Q2007	42163	4.90	2.71	0.62	0.97	21.05	x	7.85	14.60	26.35
4Q2007	48298	3.40	4.09	0.70	0.60	23.16	x	6.75	14.66	25.35
1Q2008	..	..	..	..	..	..	..	..	..	..

\* Weighted average based only on imports for which prices are available. Calculated average prices may not be comparable from one month to the next due to differing components.

\*\* On occasion, shipments of extremely small quantities of coal with high values and transportation costs result in high import costs.

**Table 16 - Japanese Steam Coal Import Costs by Origin in US Dollars/tonne  
(Average Unit Value, CIF)**

	Total	Australia	Canada	USA*	South Africa	Russia	China	Indonesia
1992	48.47	49.29	46.30	51.22	46.93	43.73	46.04	44.49
1993	45.92	46.31	45.76	51.05	44.34	40.24	43.55	42.38
1994	43.88	44.92	42.88	49.91	42.47	38.68	39.05	39.89
1995	47.85	48.87	44.20	52.65	48.27	43.45	44.48	43.79
1996	49.29	50.24	45.91	54.32	49.86	44.63	46.52	45.49
1997	45.26	45.59	42.01	49.86	46.58	42.57	44.73	41.63
1998	40.68	40.80	38.25	47.52	41.50	38.46	39.96	36.58
1999	35.87	36.12	33.50	45.37	37.34	30.24	34.89	32.40
2000	34.59	34.59	34.72	45.49	35.82	30.68	33.69	31.85
2001	37.95	38.32	36.94	45.99	38.05	37.61	36.95	35.17
2002	36.95	37.39	37.34	48.63	40.30	34.35	36.25	34.52
2003	34.93	35.13	33.82	x	35.21	34.28	35.28	32.72
2004	51.48	50.20	52.60	186.48	x	59.02	55.06	46.98
2005	62.73	61.90	63.79	x	80.64	66.10	65.65	59.65
2006	63.33	63.90	56.32	596.68	x	62.20	63.88	60.31
2007	70.92	71.03	66.04	553.99	77.46	72.28	73.60	66.45
2Q2006	63.29	63.53	54.84	667.30	x	64.87	64.75	60.07
3Q2006	62.89	64.10	56.31	x	x	60.93	60.71	60.90
4Q2006	63.86	64.83	61.63	612.76	x	60.60	63.04	61.56
1Q2007	64.10	65.07	54.68	x	66.51	61.64	63.78	60.86
2Q2007	67.08	67.12	62.52	553.99	64.85	71.58	67.76	62.00
3Q2007	73.13	72.50	66.04	x	103.70	74.98	77.10	70.26
4Q2007	78.46	78.36	82.98	x	x	78.39	85.35	72.07
1Q2008	..	..	..	..	..	..	..	..

**Table 17 - Japanese Steam Coal Imports  
(Percentage of Total Import Volume)**

	Total (1000t)	Australia	Canada	USA*	South Africa	Russia	China	Indonesia
1992	36011	68.32	3.80	5.19	6.62	4.23	9.72	2.09
1993	37474	69.09	4.31	5.93	6.49	3.12	9.00	2.05
1994	42138	65.56	3.34	5.67	6.17	3.35	10.73	5.16
1995	49394	62.35	3.49	6.24	5.95	4.06	11.66	6.15
1996	52339	60.60	4.86	6.16	5.82	4.02	12.74	5.59
1997	54195	64.22	3.96	4.27	5.51	3.45	13.50	5.09
1998	55081	65.98	3.51	4.78	3.97	2.37	14.43	4.95
1999	60321	64.86	2.18	4.48	3.66	4.13	14.49	6.12
2000	65295	64.05	2.10	4.17	2.52	4.76	16.99	5.42
2001	71144	63.31	0.77	2.14	1.52	4.59	21.08	6.55
2002	72829	62.22	1.18	1.24	1.18	5.19	21.53	7.38
2003	79605	65.13	1.23	x	0.16	4.92	20.82	7.70
2004	91517	65.05	1.02	0.11	x	5.41	19.29	9.04
2005	90978	65.30	0.80	x	0.16	7.25	17.93	8.56
2006	86673	67.27	1.81	0.00	x	6.11	15.74	9.05
2007	95169	68.46	2.18	0.00	0.45	7.91	11.55	9.43
2Q2006	20995	69.06	1.81	0.00	x	4.76	14.77	9.61
3Q2006	21403	65.97	1.99	x	x	6.42	17.17	8.46
4Q2006	22169	65.78	2.08	0.00	x	8.18	15.70	8.60
1Q2007	24083	69.08	1.73	x	0.32	6.02	12.61	10.25
2Q2007	20790	67.92	2.16	0.00	1.06	10.09	9.45	9.17
3Q2007	25282	66.04	3.30	x	0.50	8.59	13.94	7.62
4Q2007	25015	70.75	1.49	x	x	7.22	9.86	10.68
1Q2008	..	..	..	..	..	..	..	..

\* On occasion, shipments of extremely small quantities of coal with high values and transportation costs result in high import costs.

**Table 18 - Coking Coal Import Costs by Importing Country in US Dollars/tonne  
(Average Unit Value, CIF)**

	E.U. Member				
	OECD*	States*	Belgium	France	Germany
1992	58.98	60.95	61.07	65.26	65.71
1993	55.53	55.82	56.78	56.38	61.60
1994	53.33	55.97	55.75	60.74	66.14
1995	56.28	58.49	57.74	61.82	67.24
1996	57.57	59.74	57.33	60.68	62.56
1997	56.19	57.99	55.33	57.86	55.02
1998	52.32	54.53	52.85	55.60	53.94
1999	45.14	48.97	45.69	49.41	45.26
2000	42.45	47.88	44.05	47.26	46.10
2001	44.94	53.56	48.67	52.47	51.30
2002	46.42	56.63	46.59	60.26	59.53
2003	47.26	59.61	49.25	62.05	64.00
2004	67.40	78.12	78.98	75.46	74.74
2005	97.98	109.61	108.68	109.69	113.48
2006	106.49	125.86	126.85	133.48	135.72
2007	103.59	125.73	120.51	124.63	133.45
2Q2006	110.19	126.26	139.76	142.19	139.55
3Q2006	100.27	123.75	126.32	128.65	135.69
4Q2006	103.53	123.70	116.17	126.02	133.65
1Q2007	102.80	124.30	121.69	128.25	134.53
2Q2007	104.43	124.02	130.30	123.55	135.54
3Q2007	101.58	124.26	112.13	118.77	130.91
4Q2007	105.52	130.33	118.37	128.41	132.56
1Q2008	..	..	..	..	..

	Italy	Japan	Netherlands	Spain	UK
1992	58.95	57.86	54.99	59.91	62.16
1993	54.93	55.39	51.83	55.61	57.24
1994	53.74	51.91	52.13	56.50	55.38
1995	57.69	55.03	53.77	58.59	57.61
1996	59.34	56.39	55.11	60.74	60.59
1997	58.05	55.19	54.69	60.62	60.49
1998	56.31	50.98	47.19	56.82	57.19
1999	50.28	42.95	47.44	51.72	49.41
2000	50.55	39.46	46.87	49.11	46.84
2001	55.48	41.13	55.37	52.32	53.14
2002	57.67	42.14	55.55	57.10	56.81
2003	60.39	41.73	63.00	60.44	57.34
2004	77.24	61.40	78.99	79.30	77.73
2005	103.02	88.80	104.06	116.50	116.05
2006	112.05	93.10	125.70	134.81	128.51
2007	118.05	88.43	125.84	124.87	120.24
2Q2006	109.58	98.76	128.33	140.00	128.88
3Q2006	108.38	86.47	122.31	129.51	121.63
4Q2006	111.92	88.28	125.90	131.01	125.82
1Q2007	115.04	87.50	128.06	125.88	119.36
2Q2007	114.34	89.77	118.30	127.08	120.75
3Q2007	115.54	86.89	125.96	120.48	123.23
4Q2007	127.17	89.57	132.12	127.13	117.80
1Q2008	..	..	..	..	..

\* Weighted average based only on imports for which prices are available. Calculated average prices may not be comparable from one month to the next due to differing components.

**Table 19 - E.U. Member States Coking Coal Import Costs by Origin in US Dollars/tonne  
(Average Unit Value, CIF)**

	Total*	Australia	Canada	USA	Venezuela	South Africa	China	Colombia**	Russia
1992	60.95	60.76	61.51	61.22	42.44	50.54	112.49	59.08	47.95
1993	55.82	55.67	55.40	57.13	39.95	48.21	49.83	54.92	36.22
1994	55.97	55.56	52.42	58.22	41.17	44.13	x	58.61	46.11
1995	58.49	57.03	57.02	61.20	43.83	49.65	51.72	59.04	56.00
1996	59.74	59.72	58.52	62.03	46.16	47.44	107.81	43.53	59.88
1997	57.99	57.97	57.61	60.08	46.46	43.31	98.25	44.52	54.93
1998	54.53	55.00	54.18	58.53	49.49	35.83	82.92	41.94	51.08
1999	48.97	47.33	45.58	54.14	39.99	36.21	50.59	38.41	57.96
2000	47.88	45.45	45.92	52.91	39.78	39.09	43.24	35.62	42.02
2001	53.56	51.24	54.59	58.54	53.85	42.10	80.62	38.69	58.89
2002	56.63	55.52	56.90	61.48	48.24	38.69	80.88	x	58.11
2003	59.61	58.03	61.31	64.18	52.94	39.20	81.65	166.16	47.45
2004	78.12	73.63	76.64	84.75	65.32	61.31	198.13	84.09	86.41
2005	109.61	114.89	113.81	110.91	86.45	71.77	219.14	104.26	86.05
2006	125.86	135.52	137.66	123.44	95.87	66.18	146.38	2611.31	81.34
2007	125.73	127.74	129.45	126.95	104.63	96.82	238.11	92.53	92.15
2Q2006	126.26	139.09	141.22	123.64	95.30	66.43	251.88	x	81.01
3Q2006	123.75	131.29	130.84	124.43	92.49	65.57	168.26	x	80.90
4Q2006	123.70	129.27	133.90	124.37	88.02	58.45	134.63	x	78.74
1Q2007	124.30	132.27	128.23	124.41	92.09	93.72	x	68.32	84.60
2Q2007	124.02	128.37	124.24	124.34	101.81	93.40	207.67	71.85	89.24
3Q2007	124.26	123.63	132.19	125.92	103.18	79.15	262.38	102.79	90.51
4Q2007	130.33	127.42	132.47	133.00	117.30	110.97	252.01	109.57	104.67
1Q2008	..	..	..	..	..	..	..	..	..

**Table 20 - E.U. Member States Coking Coal Imports by Origin  
(Percentage of Total Import Volume)**

	Total (1000t)	Australia	Canada	USA	Venezuela	South Africa	China	Colombia**	Russia
1992	41186	25.09	6.02	59.63	0.06	1.65	0.00	0.24	0.34
1993	37878	29.03	4.47	53.62	2.30	1.33	0.13	1.20	0.40
1994	38824	31.90	7.00	48.40	2.14	1.57	x	0.46	0.39
1995	41610	31.90	10.03	44.70	2.66	1.88	0.30	0.09	1.01
1996	40237	29.05	11.67	44.44	3.15	2.86	0.02	0.13	0.33
1997	41020	29.64	11.65	41.41	1.33	4.59	0.19	0.46	0.03
1998	43874	28.82	10.32	41.88	0.26	6.83	0.01	0.10	0.16
1999	40867	37.35	12.85	35.05	0.17	2.68	0.40	0.56	0.71
2000	41854	41.27	12.74	30.95	0.52	1.81	0.28	0.37	0.43
2001	39634	43.91	13.45	25.31	0.14	4.27	0.76	0.18	0.61
2002	35659	44.83	13.37	23.92	2.10	2.66	0.68	x	0.71
2003	37119	42.79	12.13	24.91	2.44	6.58	0.55	0.43	1.82
2004	45224	39.84	12.52	23.30	2.60	6.13	0.35	1.10	2.19
2005	46435	39.84	12.73	22.72	1.88	3.97	0.64	0.66	5.67
2006	50980	39.50	11.05	21.15	1.70	2.43	0.63	0.00	4.18
2007	59801	34.77	11.28	23.41	2.16	1.18	0.30	0.92	5.49
2Q2006	12811	42.18	10.28	20.44	1.81	3.15	0.23	x	3.94
3Q2006	12520	39.15	12.07	21.13	1.98	2.51	0.09	x	4.95
4Q2006	14185	36.42	10.68	20.00	1.14	1.59	1.49	x	3.89
1Q2007	13804	34.35	11.29	21.21	1.69	1.40	x	0.46	5.35
2Q2007	15697	30.82	10.26	25.51	2.90	0.82	0.44	0.93	5.54
3Q2007	15235	36.25	11.10	22.99	1.58	0.90	0.33	1.22	5.96
4Q2007	15065	37.77	12.50	23.66	2.39	1.62	0.42	1.04	5.08
1Q2008	..	..	..	..	..	..	..	..	..

\* Weighted average based only on imports for which prices are available. Calculated average prices may not be comparable from one month to the next due to differing components.

\*\* On occasion, shipments of extremely small quantities of coal with high values and transportation costs result in high import costs.

**Table 21 - Japanese Coking Coal Import Costs by Origin in US Dollars/tonne  
(Average Unit Value, CIF)**

	Total	Australia	Canada	USA**	South			China	Indonesia	Colombia	New Zealand
					Africa	Russia	Russia				
1992	57.86	53.55	70.98	63.68	52.36	55.80	51.66	45.79	54.19	63.77	
1993	55.39	51.49	67.12	61.82	46.78	54.37	50.52	44.73	46.25	65.36	
1994	51.91	47.89	64.65	59.34	46.93	51.80	47.03	43.03	55.26	57.28	
1995	55.03	51.15	64.49	61.37	49.54	54.81	49.49	48.29	48.26	62.09	
1996	56.39	54.07	64.44	61.05	50.94	57.21	51.88	49.01	51.51	65.82	
1997	55.19	52.73	64.84	61.24	49.64	57.09	49.98	45.51	45.93	64.47	
1998	50.98	49.47	59.73	59.53	47.06	54.63	46.78	39.73	45.58	58.20	
1999	42.95	41.83	51.05	55.79	39.74	45.17	40.01	34.07	40.27	46.05	
2000	39.46	39.01	45.46	52.69	39.99	43.62	37.12	32.36	37.31	44.10	
2001	41.13	40.96	47.30	47.81	47.09	45.52	39.35	35.13	x	47.57	
2002	42.14	43.32	50.50	52.07	x	45.59	38.97	34.12	x	45.45	
2003	41.73	43.56	51.64	42.93	x	46.05	39.09	31.94	x	48.34	
2004	61.40	56.85	62.04	163.61	x	67.98	72.57	40.78	109.00	72.38	
2005	88.80	96.44	106.05	159.01	x	114.96	100.45	53.51	x	110.52	
2006	93.10	106.20	125.68	159.35	x	116.69	91.98	53.73	88.35	117.02	
2007	88.43	96.03	112.61	516.32	x	105.45	100.91	60.43	x	108.63	
2Q2006	98.76	111.26	128.67	159.35	x	113.45	91.41	53.68	88.35	125.98	
3Q2006	86.47	101.31	119.98	506.08	x	109.97	90.49	52.00	x	103.32	
4Q2006	88.28	97.38	119.16	480.89	x	110.15	90.31	54.12	x	114.06	
1Q2007	87.50	97.39	118.26	512.82	x	113.96	99.41	55.78	x	95.43	
2Q2007	89.77	97.25	108.16	507.87	x	103.09	103.15	58.31	x	115.25	
3Q2007	86.89	93.66	115.20	525.02	x	102.20	108.01	61.87	x	120.49	
4Q2007	89.57	95.75	110.93	521.11	x	105.08	97.98	65.15	x	117.78	
1Q2008	..	..	..	..	..	..	..	..	..	..	

**Table 22 - Japanese Coking Coal Imports by Origin  
(Percentage of Total Import Volume)**

	Total (1000t)	Australia	Canada	USA**	South			China	Indonesia	Colombia	New Zealand
					Africa	Russia	Russia				
1992	72915	48.68	19.81	12.90	4.68	4.04	2.47	6.26	0.36	0.61	
1993	74049	50.17	20.13	11.83	3.99	3.73	2.58	6.90	0.22	0.41	
1994	72551	49.02	21.14	9.97	4.10	4.14	3.12	7.88	0.04	0.50	
1995	74004	46.20	21.61	11.12	4.29	4.16	3.87	7.83	0.25	0.65	
1996	73843	45.51	21.90	8.70	3.43	4.00	5.01	10.28	0.45	0.66	
1997	75914	48.28	21.80	7.01	2.72	3.57	4.83	10.63	0.40	0.72	
1998	73421	47.77	20.87	6.38	2.56	3.43	4.75	13.02	0.55	0.51	
1999	74096	54.89	19.18	2.78	0.78	3.05	4.25	13.60	0.52	0.82	
2000	76304	57.85	15.75	1.93	0.40	3.09	5.55	13.76	0.13	1.22	
2001	79525	57.24	13.83	1.00	0.07	3.01	9.28	14.47	x	1.10	
2002	80814	55.70	10.40	0.40	x	3.22	12.74	16.39	x	1.15	
2003	82428	51.91	9.92	0.08	x	4.36	13.94	18.73	x	1.14	
2004	82616	51.86	6.44	4.70	x	4.96	10.57	20.14	0.04	1.23	
2005	83940	52.29	7.92	2.46	x	3.91	6.77	25.76	x	0.84	
2006	84579	52.10	8.47	0.49	x	3.84	5.82	28.03	0.03	1.16	
2007	85788	55.28	9.90	0.00	x	4.11	2.45	27.60	x	0.60	
2Q2006	20603	53.08	9.96	1.16	x	4.74	5.86	24.04	0.13	0.97	
3Q2006	22372	51.18	7.05	0.00	x	2.77	5.19	32.07	x	1.49	
4Q2006	21262	53.30	9.33	0.00	x	4.26	5.26	27.06	x	1.23	
1Q2007	20696	56.14	7.01	0.00	x	3.32	3.71	28.70	x	0.95	
2Q2007	21049	58.45	10.75	0.00	x	4.91	1.35	23.60	x	0.93	
3Q2007	22112	52.83	10.45	0.00	x	4.30	1.62	30.53	x	0.27	
4Q2007	21932	53.90	11.26	0.00	x	3.92	3.16	27.46	x	0.29	
1Q2008	..	..	..	..	..	..	..	..	..	..	

\*\* On occasion, shipments of extremely small quantities of coal with high values and transportation costs result in high import costs.

**Table 23 - Australia, Canada, US: Coal Export Prices by Destination in US Dollars/tonne  
(Average Unit Value, FOB)**

	STEAM COAL			COKING COAL		
	Australia	Canada	United States	Australia	Canada	United States
1992	36.49	38.15	39.53	46.78	57.08	50.01
1993	33.45	34.61	39.78	44.28	52.73	48.63
1994	32.75	31.51	38.22	41.36	48.03	47.11
1995	34.99	32.90	38.94	44.23	48.76	48.47
1996	37.77	35.67	36.94	47.56	51.52	50.05
1997	34.35	32.44	34.84	47.37	50.04	49.99
1998	30.10	30.24	32.24	43.97	46.15	48.55
1999	26.49	25.72	32.02	35.99	38.19	46.19
2000	24.27	24.99	31.84	32.85	34.01	42.98
2001	28.71	26.01	34.51	36.93	43.03	45.88
2002	28.01	28.11	37.70	40.16	43.90	50.06
2003	25.41	35.75	37.00	39.75	44.59	49.11
2004	37.65	44.75	53.93	48.84	51.37	70.14
2005	48.86	53.23	67.09	88.94	96.26	89.91
2006	47.05	45.24	55.66	98.27	109.29	111.72
2007	51.11	50.51	52.61	84.16	98.44	98.10
2Q2000	23.93	22.33	32.15	32.54	34.70	42.11
3Q2000	24.45	29.99	30.90	32.37	33.29	43.57
4Q2000	24.42	23.85	32.25	32.79	34.45	41.53
1Q2001	25.11	27.79	32.52	32.57	34.05	43.26
2Q2001	28.30	28.34	34.66	35.89	38.61	44.22
3Q2001	30.50	24.88	35.27	39.19	40.65	47.61
4Q2001	30.74	26.73	35.28	40.00	41.29	49.32
1Q2002	29.73	27.49	36.09	39.90	41.46	51.61
2Q2002	29.47	24.29	37.40	39.80	41.12	48.76
3Q2002	27.38	28.11	39.43	40.09	42.85	49.97
4Q2002	25.58	28.11	38.65	40.83	40.67	50.38
1Q2003	25.68	35.75	37.14	40.51	43.80	51.09
2Q2003	25.04	35.75	37.04	39.89	42.86	49.19
3Q2003	25.20	35.75	36.61	39.51	41.31	47.51
4Q2003	25.67	35.75	37.27	39.09	38.93	48.49
1Q2004	29.36	44.75	43.04	40.38	51.37	59.64
2Q2004	36.68	44.75	56.93	46.16	51.37	72.01
3Q2004	40.67	44.75	57.34	52.11	51.37	74.22
4Q2004	43.87	44.75	53.23	55.43	51.37	75.43
1Q2005	46.17	53.23	64.85	56.08	96.26	81.19
2Q2005	48.74	53.23	68.05	87.62	96.26	89.64
3Q2005	50.67	53.23	70.43	104.21	96.26	94.71
4Q2005	49.73	53.23	63.86	108.93	96.26	94.77
1Q2006	47.27	45.24	67.78	107.23	109.29	101.15
2Q2006	47.08	45.24	52.07	101.31	109.29	124.70
3Q2006	47.33	45.24	56.39	94.08	109.29	120.64
4Q2006	46.53	45.24	49.61	91.27	109.29	99.99
1Q2007	47.16	43.44	52.10	89.74	100.00	101.47
2Q2007	49.45	56.20	42.50	83.47	96.89	95.33
3Q2007	52.00	50.43	56.33	81.98	105.20	96.81
4Q2007	55.82	51.96	58.06	81.85	91.66	99.42
1Q2008	..	..	..	..	..	..



**Table 24 - Australian Steam Coal Export Prices by Destination in US Dollars/tonne  
(Average Unit Value, FOB)**

	E.U. Member						
	Total	States*	Belgium	Denmark	France	Germany	Italy
1992	36.49	32.47	33.89	28.15	30.69	40.69	37.12
1993	33.45	30.02	29.23	23.70	31.72	34.15	33.81
1994	32.75	29.09	29.22	21.89	32.31	33.22	31.92
1995	34.99	31.05	33.43	24.73	32.97	29.61	37.75
1996	37.77	33.19	36.35	27.94	34.02	39.98	x
1997	34.35	31.76	33.24	32.02	35.12	30.51	x
1998	30.10	24.54	24.23	22.60	25.88	23.49	24.50
1999	26.49	21.63	21.79	20.61	22.37	23.16	22.27
2000	24.27	20.86	20.72	17.01	19.14	x	21.30
2001	28.71	25.86	28.86	28.25	31.38	28.01	31.07
2002	28.01	24.42	22.03	21.50	22.62	34.99	25.26
2003	25.41	25.18	21.12	23.76	24.05	28.01	24.77
2004	37.65	34.44	63.04	22.50	29.77	51.32	31.26
2005	48.86	49.46	x	44.09	45.88	6.13	x
2006	47.05	49.29	67.08	55.39	46.28	42.03	x
2007	51.11	55.42	x	x	44.93	x	x
2Q2006	47.08	45.65	x	43.50	38.64	x	x
3Q2006	47.33	55.22	x	66.42	47.88	45.98	x
4Q2006	46.53	48.41	67.08	x	41.81	42.03	x
1Q2007	47.16	49.14	x	x	42.56	x	x
2Q2007	49.45	54.16	x	x	43.92	x	x
3Q2007	52.00	48.89	x	x	46.06	x	x
4Q2007	55.82	76.47	x	x	50.97	x	x
1Q2008	..	..	..	..	..	..	..

	Hong Kong						
	Japan	Korea	Netherlands	UK	USA	(China)	Chinese Taipei
1992	38.85	35.90	35.08	29.18	37.30	35.37	33.03
1993	35.49	34.42	31.27	26.27	35.96	29.82	30.55
1994	33.72	34.69	30.27	29.00	34.44	30.34	31.74
1995	36.85	34.96	33.03	x	34.69	31.94	32.62
1996	38.89	39.03	32.65	x	37.20	29.58	36.73
1997	35.40	34.98	29.50	32.08	37.06	28.71	33.05
1998	31.50	31.47	23.89	25.04	34.44	24.59	31.33
1999	27.02	28.10	20.49	21.52	33.65	21.71	27.24
2000	24.72	25.64	20.65	20.98	28.16	22.51	24.24
2001	29.69	27.01	26.45	22.89	35.38	26.97	26.71
2002	29.20	27.22	24.65	25.12	33.26	22.63	27.53
2003	26.00	23.71	26.69	24.05	33.62	24.21	24.96
2004	38.45	39.18	42.90	35.39	33.70	32.43	30.18
2005	49.42	47.24	60.71	54.27	34.02	x	46.91
2006	50.59	44.26	50.50	46.30	32.41	34.08	40.09
2007	54.61	47.92	49.60	x	33.12	x	44.44
2Q2006	50.63	45.01	36.38	51.96	x	33.33	40.45
3Q2006	51.36	44.28	x	x	32.53	38.09	38.22
4Q2006	50.81	43.68	53.01	44.79	x	x	38.28
1Q2007	51.05	43.97	46.54	x	33.00	x	39.02
2Q2007	52.65	47.06	52.88	x	32.86	x	42.01
3Q2007	55.15	49.37	63.20	x	33.57	x	47.65
4Q2007	58.99	51.16	60.15	x	x	x	48.25
1Q2008	..	..	..	..	..	..	..

\* Weighted average based only on exports for which prices are available. Calculated average prices may not be comparable from one month to the next due to differing components.

**Table 25 - US Steam Coal Export Prices by Destination in US Dollars/tonne  
(Average Unit Value, FOB)**

	E.U. Member						
	Total	States*	Belgium	Canada	Denmark	France**	Germany**
1992	39.53	40.90	40.07	34.56	36.03	37.09	39.48
1993	39.78	41.60	37.58	34.91	37.85	35.08	37.70
1994	38.22	40.23	36.91	33.88	32.22	41.94	43.33
1995	38.94	40.91	38.66	33.74	35.09	38.72	36.72
1996	36.94	36.80	40.45	30.98	32.29	39.83	35.19
1997	34.84	35.88	40.06	29.37	34.97	38.40	38.62
1998	32.24	33.05	40.30	29.37	37.50	39.16	32.83
1999	32.02	29.39	42.40	30.13	x	42.14	31.10
2000	31.84	28.26	27.48	31.87	27.65	28.96	29.11
2001	34.51	34.69	33.13	33.63	x	30.50	34.17
2002	37.70	33.09	33.56	38.97	x	705.00	32.80
2003	37.00	32.18	34.26	38.12	31.05	361.32	29.34
2004	53.93	42.06	46.26	46.69	38.00	114.68	37.13
2005	67.09	76.79	58.94	60.16	42.00	40.17	48.08
2006	55.66	64.17	58.36	49.06	59.11	64.19	69.89
2007	52.61	66.30	66.32	44.34	84.60	91.66	63.28
2Q2006	52.07	67.04	44.01	46.34	59.39	810.00	105.93
3Q2006	56.39	61.64	56.35	46.32	58.71	75.19	69.32
4Q2006	49.61	61.25	54.87	44.46	x	46.03	57.71
1Q2007	52.10	61.18	54.88	43.65	x	87.89	59.88
2Q2007	42.50	57.93	43.98	37.97	x	x	59.19
3Q2007	56.33	65.43	69.39	50.78	x	91.80	60.09
4Q2007	58.06	72.03	66.29	46.24	84.60	91.64	67.80
1Q2008	..	..	..	..	..	..	..

	E.U. Member						Chinese Taipei**
	Italy**	Japan**	Korea	Netherlands	Spain**	UK	
1992	45.55	39.66	41.05	43.25	43.02	42.91	44.79
1993	44.38	39.08	37.85	44.32	43.94	45.17	43.00
1994	42.21	37.13	35.89	39.63	44.91	39.68	42.20
1995	45.97	38.61	36.06	40.53	45.59	37.01	39.31
1996	45.41	40.02	38.93	36.31	24.47	31.77	38.95
1997	43.31	38.55	38.59	35.86	24.67	33.06	38.26
1998	40.12	37.00	37.34	32.78	24.50	31.21	37.98
1999	51.13	35.40	27.50	28.44	23.34	31.04	37.65
2000	30.67	34.90	27.13	28.90	23.16	28.13	36.61
2001	42.50	37.70	28.26	35.71	23.04	30.25	36.89
2002	42.91	40.41	27.63	36.88	26.52	31.93	144.64
2003	46.67	166.40	41.50	33.13	25.90	29.88	48.50
2004	46.90	91.47	68.32	43.79	29.02	38.73	158.24
2005	89.78	105.21	50.14	76.28	61.22	74.26	165.45
2006	51.04	166.53	59.66	69.91	49.43	52.59	x
2007	76.87	198.41	61.76	69.83	45.82	51.74	56.30
2Q2006	57.46	105.85	86.61	74.42	50.00	50.41	x
3Q2006	45.08	340.63	29.71	60.43	48.64	50.09	x
4Q2006	45.06	205.32	28.94	77.90	49.35	55.36	x
1Q2007	45.03	307.48	x	71.19	46.24	52.75	x
2Q2007	45.06	197.56	62.00	64.73	44.99	53.02	x
3Q2007	45.04	283.24	61.52	63.62	45.82	51.49	45.05
4Q2007	77.22	153.46	x	75.54	x	49.71	113.89
1Q2008	..	..	..	..	..	..	..

\* Weighted average based only on exports for which prices are available. Calculated average prices may not be comparable from one month to the next due to differing components.

\*\* On occasion, shipments of extremely small quantities of coal with high values and transportation costs result in high import costs.

**Table 26 - Australian Coking Coal Export Prices by Destination in US Dollars/tonne  
(Average Unit Value, FOB)**

	E.U. Member						
	Total	States*	Belgium	France	Italy	Japan	Korea
1992	46.78	46.53	49.40	45.69	43.29	46.44	47.05
1993	44.28	44.06	45.11	43.88	43.29	43.85	45.73
1994	41.36	41.41	43.27	41.56	39.80	40.24	41.29
1995	44.23	44.45	44.65	43.07	42.06	43.37	44.96
1996	47.56	48.56	50.36	47.24	48.57	46.11	48.40
1997	47.37	47.73	46.65	46.71	48.41	45.52	52.73
1998	43.97	44.10	42.49	42.37	44.48	42.47	50.19
1999	35.99	37.59	32.82	36.49	40.38	34.60	41.85
2000	32.85	33.66	31.01	33.37	34.97	31.64	37.56
2001	36.93	39.99	37.47	37.32	42.68	34.46	39.64
2002	40.16	44.34	40.97	41.41	45.90	36.79	43.72
2003	39.75	43.14	40.12	39.06	45.51	36.18	44.18
2004	48.84	51.43	52.40	46.79	51.40	45.51	49.38
2005	88.94	100.84	104.61	96.94	102.14	83.74	90.42
2006	98.27	106.29	102.26	100.91	116.96	94.04	114.37
2007	84.16	93.67	89.48	89.99	99.64	79.50	97.04
2Q2006	101.31	105.78	102.43	100.27	118.12	98.89	117.58
3Q2006	94.08	103.18	94.98	96.23	111.73	89.03	105.83
4Q2006	91.27	100.63	98.10	95.16	112.86	85.35	110.46
1Q2007	89.74	101.54	84.85	94.62	106.95	85.07	109.04
2Q2007	83.47	93.99	99.56	89.36	100.26	80.01	98.86
3Q2007	81.98	89.07	88.02	90.32	96.05	75.69	87.85
4Q2007	81.85	91.86	86.80	86.78	94.72	77.14	90.97
1Q2008	..	..	..	..	..	..	..

	Netherlands	Spain	Turkey	UK	Brazil	India	Chinese Taipei
1992	46.99	49.08	48.73	46.83	42.97	48.43	49.03
1993	43.76	45.78	45.31	43.80	40.62	45.23	47.79
1994	41.02	43.31	42.18	41.50	39.84	43.81	43.81
1995	44.75	48.65	44.26	45.13	43.32	47.01	46.90
1996	46.36	49.62	49.59	48.36	45.95	50.58	50.56
1997	47.94	50.23	49.11	47.74	45.12	52.12	51.74
1998	44.03	47.28	43.51	44.83	43.70	49.13	48.62
1999	37.73	39.29	35.93	38.06	35.18	37.14	37.25
2000	34.10	34.81	32.55	33.80	32.34	34.96	35.07
2001	41.09	39.42	35.87	40.13	36.27	39.84	38.54
2002	46.17	43.44	45.14	45.34	41.96	43.53	41.89
2003	45.45	42.51	45.07	43.34	40.17	43.36	43.02
2004	52.07	51.15	52.53	53.67	51.47	53.48	47.41
2005	98.18	98.95	108.84	100.80	98.95	90.81	76.66
2006	102.32	111.44	92.04	104.06	112.79	104.80	85.35
2007	92.15	95.80	77.14	91.38	94.68	91.30	73.20
2Q2006	98.54	119.28	95.12	102.01	117.20	108.66	89.43
3Q2006	100.40	103.98	75.48	103.04	109.31	102.99	81.44
4Q2006	97.33	105.93	96.49	98.35	104.77	97.32	80.93
1Q2007	99.65	106.81	86.35	103.04	105.01	95.44	69.58
2Q2007	91.44	98.14	78.31	93.54	93.95	92.77	72.27
3Q2007	86.63	87.46	77.67	83.55	92.44	90.03	77.61
4Q2007	91.09	97.00	73.89	90.62	89.37	88.19	74.43
1Q2008	..	..	..	..	..	..	..

\* Weighted average based only on exports for which prices are available. Calculated average prices may not be comparable from one month to the next due to differing components.

**Table 27 - US Coking Coal Export Prices by Destination in US Dollars/tonne  
(Average Unit Value, FOB)**

	E.U. Member						
	Total	States*	Belgium	Canada	France	Italy	Japan
1992	50.01	51.72	51.83	40.02	49.00	52.40	49.58
1993	48.63	50.71	50.56	39.31	49.79	50.63	47.99
1994	47.11	49.82	49.69	38.12	48.90	49.96	44.72
1995	48.47	51.13	50.67	40.31	49.69	51.38	45.35
1996	50.05	53.12	53.66	39.67	51.95	52.80	46.51
1997	49.99	52.87	53.28	37.59	52.03	53.85	45.94
1998	48.55	51.67	51.59	38.79	50.64	52.63	45.98
1999	46.19	49.27	48.50	36.01	47.10	51.02	44.46
2000	42.98	45.58	44.05	35.61	44.19	49.45	41.99
2001	45.88	50.10	46.99	37.58	48.54	53.11	x
2002	50.06	53.14	52.19	42.46	54.96	56.41	x
2003	49.11	52.19	50.48	40.37	55.56	54.49	56.01
2004	70.14	63.60	66.19	55.21	71.81	66.99	98.14
2005	89.91	89.53	88.93	71.82	99.69	86.21	100.61
2006	111.72	102.37	99.65	85.70	102.30	104.96	89.80
2007	98.10	99.84	98.07	84.83	96.39	104.34	x
2Q2006	124.70	102.12	99.31	84.52	102.05	108.50	82.40
3Q2006	120.64	103.66	100.64	86.96	100.12	112.75	x
4Q2006	99.99	103.54	98.36	87.54	98.80	108.10	x
1Q2007	101.47	104.44	100.14	90.05	95.18	112.34	x
2Q2007	95.33	97.07	100.86	81.99	95.33	100.49	x
3Q2007	96.81	99.08	93.52	85.31	97.26	102.49	x
4Q2007	99.42	98.96	101.13	87.45	98.64	102.54	x
1Q2008	..	..	..	..	..	..	..

	Chinese Taipei**						
	Korea**	Netherlands	Spain	Turkey	UK	Brazil	
1992	51.95	51.81	53.55	50.20	52.60	50.32	50.29
1993	50.35	50.89	52.33	46.94	51.41	48.44	49.46
1994	48.50	49.68	51.10	45.51	49.77	46.59	46.83
1995	50.69	51.32	53.04	47.93	51.83	48.38	49.03
1996	50.79	52.13	56.13	49.10	54.11	49.31	49.86
1997	52.56	51.92	54.27	50.79	53.46	48.67	47.35
1998	51.13	51.25	53.21	49.51	52.34	46.97	47.12
1999	49.61	47.90	51.38	42.44	49.25	43.44	41.00
2000	47.01	45.46	43.31	38.17	46.13	38.51	39.00
2001	42.33	48.90	50.95	36.09	47.73	43.20	x
2002	x	55.39	51.54	49.98	49.98	51.80	x
2003	x	52.13	49.47	47.95	50.77	49.29	426.44
2004	108.58	72.20	49.70	73.43	61.35	64.14	76.01
2005	96.12	93.04	77.98	111.52	92.21	93.28	x
2006	101.68	95.44	97.67	102.15	108.20	104.93	x
2007	80.75	94.55	102.18	96.89	99.41	97.36	x
2Q2006	x	84.86	96.54	103.68	105.00	106.26	x
3Q2006	x	96.55	114.62	102.83	108.84	102.13	x
4Q2006	x	97.12	109.00	101.57	108.28	101.38	x
1Q2007	80.75	108.03	109.66	97.69	102.58	98.94	x
2Q2007	x	85.34	99.04	95.81	104.17	98.14	x
3Q2007	330.50	88.45	102.16	99.32	100.42	96.58	x
4Q2007	x	103.55	97.67	94.75	90.74	96.46	x
1Q2008	..	..	..	..	..	..	..

\* Weighted average based only on exports for which prices are available. Calculated average prices may not be comparable from one month to the next due to differing components.

\*\* On occasion, shipments of extremely small quantities of coal with high values and transportation costs result in high import costs.

## NOTES ON DEFINITIONS AND REGULATIONS FOR OIL IMPORTS

### CRUDE OIL

Import costs of crude oil have been obtained from the monthly Crude Oil Import Register submitted to the IEA Secretariat.

Details on national duties and regulations for crude oil imports are given below. In general, imported products are subject to the same domestic taxes as domestically refined products (exception: Japan) or to import duties which are equivalent to these taxes (Australia, Switzerland).

Following are the typical product quality specifications of the 32 most imported crude oils into IEA countries.

**Source:** *International Crude Oil Market Handbook 2001-2002*, Energy Intelligence Group).

	API Gravity ( $^{\circ}$ )	Sulphur (%)
Abu Dhabi Murban	40.4	0.80
Abu Dhabi Upper Zakum	39.2	1.10
Algeria Saharan Blend	43.6	0.11
Canada Heavy	23.1	3.09
Canada Light Sweet	35.1	0.34
Iran Heavy	30.2	1.80
Iran Light	33.1	1.50
Iraq Basrah Light	33.7	1.92
Iraq Kirkuk	35.1	2.00
Kuwait Blend	32.4	2.60
Libya Light	41.9	0.36
Libya Medium	37.6	0.20
Mexico Maya	21.8	3.33
Mexico Olmeca	39.3	0.79
Nigeria Light	35.3	0.12
Nigeria Medium	30.0	0.28
Norway Ekofisk	37.7	0.25
Norway Gullfaks	34.7	0.29
Norway Oseberg	37.6	0.23
Norway Statfjord	38.7	0.25
Oman	33.3	1.06
Saudi Arabia Heavy	28.7	2.79
Saudi Arabia Medium	31.8	2.45
Saudi Arabia Light	34.0	1.78
Saudi Arabia Berri	38.4	1.16
Syria Light	36.5	0.66
U.K. Brent Blend	38.3	0.37
U.K. Forties	41.6	0.24
Urals	32.0	1.30
Venezuela Extra Heavy	12.6	3.57
Venezuela Medium	30.0	0.88
Venezuela Light	32.1	0.63

### OIL PRODUCTS

#### *European Union*

The European Union applies no quantitative restrictions (quotas) to crude and product imports. Crude oil imports are duty free, as are feedstocks for refining and petrochemical processing. Finished products are subject to duties. For HFO and gasoil (with a sulphur content greater than 0.2% by weight) it is 3.5%. For lighter products it is 4.7%, which is applied or not depending upon their origin.

Customs duty is not applied on imports from the EU, EFTA and ACP countries nor from Israel.

Under the General System of Preferences 2002-2004, (GSP) products from over 150 non-OECD countries, including the GCC, Venezuela and the ex-USSR Republics can be imported free of duty. The exceptions are Libya, Russia and Saudi Arabia whose finished products exports to the EU are now subject to a full tariff.

Therefore, duty is applied on those products destined for consumption in the EU and most imports from Saudi Arabia, Libya, Russia and some OECD countries (including the United States and Canada). The exception is gasoil (sulphur content not exceeding 0.2% by weight), for which the duty rate of 3.5% is reduced to zero for an indefinite period regardless of the origin of the product.

#### *Austria*

##### **Tariffs (ad valorem duty)**

Gasolines:	6%
Kerosenes:	6%
Gasolins:	0 - 3.5%
Fuel Oils:	≥ 3.5%

Imports from EFTA and EU Countries are duty free. Other GATT countries are subject to a preferential treatment. There are no quantitative restrictions on imports.

**Source:** Ministry of Economic Affairs.

#### *France*

France applies no restriction to crude or oil products imports. Nevertheless, certain oil products are subject to an import license, except those coming from countries with preferential treatment or from the EU.

## Ireland

From July 2001 onwards, oil companies are no longer obliged to purchase 20% of their gasoline and middle distillate requirements from the domestic refinery.

## Spain

Imports of oil products are subject to state trading but customs duties have been established recently. The right to import products is reserved to the company operator of the Oil Distribution Monopoly and to other firms if these have a delegated authority and necessary licenses.

## Australia

Importers of oil products pay customs duty at a rate equal to the excise duty levied on domestically refined products.

There are no quantitative restrictions on imports.

## Canada

No duties are payable on petroleum product imports and there is no quantified restrictions.

## Japan

Updated using Facts Energy Insights, Issue 68, December 2005.

**Crude Oil:** The existing customs duties on crude oil (170 JPY/kilolitre) was abolished as of 1 April, 2006.

**Oil Products:** The rates as of December 2005 are listed in the table below. The government is expected to eventually abolish all of the customs duties on oil products, as they are by definition a temporary measure.

### Tariffs

Product	JPY/kl
Fuel Oil A (< 0.3% sulphur)	2 593
Fuel Oil A (> 0.3%)	3 306
Fuel Oil C (< 0.3%)	2 376
Fuel Oil C (> 0.3%)	3 202
Kerosene	564
Gas oil	1 257
Gasoline	1 386

## Switzerland

Importers of oil products have to pay duties equivalent to the excise tax charged to domestic refiners when they deliver products to the domestic market. Products are not eligible for preferential tariff treatment. Refineries are treated like "before tax zones". Refined products are taxed as soon as they leave refinery areas.

## Turkey

There is no restriction of crude oil or oil product imports and no custom duty for crude oil. The tax and fund rates on imported petroleum products and also products which are produced by using imported crude oil are given below. The excise tax and Fuel Price Stabilising Fund are fixed. In January 1996, Turkey signed the Customs Union Agreement with the EU. Therefore, customs duty is not applied on imports from the EU and EFTA countries nor from Romania, Bulgaria, the Czech Republic, Lithuania, Hungary, Estonia or Israel.

	Customs Duties (%)	VAT (%)	Excise Tax	Fuel Price Stabilising Fund
LPG	0.7	18	363 808	9 000
Unleaded Gas.	4.7	18	780 908	-
Other Gasoline	4.7	18	793 124	-
Kerosene	4.7	18	491 700	10 600
Jet Fuel	4.7	18	-	-
Diesel Fuel	3.5	18	525 673	-
Heating Fuel	3.5	18	222 475	500
Fuel Oil	3.5	18	75 250	-

## United States

The main oil products do not fall under the U.S. preferential system from which most OPEC countries are, inter alia, excluded.

	Crude Oil Import duties		Oil Product Tariffs	
	Cents/bbl	Cents/gal	Cents/bbl	Cents/gal
> 25 API	10.5	0.25	x	x
< 25 API	5.25	1.25	x	x
Naphtha	x	x	10.5	0.25
Gasoline	x	x	52.5	1.25
Diesel oils	x	x	10.5	0.25
Heavy Fuel	x	x	10.5	0.25
Lubricants	x	x	84.0	2.00

x = Not applicable.

## NOTES ON DEFINITIONS OF NATURAL GAS TRADED INTERNATIONALLY

### E.U. MEMBER STATES

Import prices have been derived from customs statistics reported by the member countries to Eurostat. The import values reported by the Member countries are in thousand EUR, imported quantities are reported in thousand tonnes.

The IEA has converted these data from thousand EUR/tonne to US\$/MBtu, using the following average energy conversion factors for natural gas:

Product	Country of origin	Tonne/MBtu
LNG (at 15° C)	All	51.3
Gas (by pipeline)	Denmark	49.9
	Norway	49.9
	Netherlands	42.9
	UK	51.0
	Russia	51.8
	Algeria	48.0

The derived import price merely gives an indication of the average import cost rather than a precise and exact import price. Please note that for some countries (e.g. Germany) there is no breakdown available by origin.

### JAPAN

The Customs Statistics of Japan's Ministry of Finance publish import data for liquefied natural gas in JPY/tonne.

The factors above have been used to compute the average unit import values per heat unit in the preceding tables on natural gas. They represent gross calorific values (as they are used to define natural gas in commercial contracts) for a volume unit at 15° Celsius and 760 mm Hg (standard cubic meter). For purposes of cross-fuel analysis, net calorific values are more appropriate (see General Notes and Definitions at the beginning of Part II).

Net calorific values per standard cubic metre have been used in tables of Part II.B and D. Their amounts are listed in the country notes at the beginning of Part II and are equivalent to 90 % of the gross calorific value.

### UNITED STATES

Import prices for the United States have been converted from US\$/BCF (billion cubic feet) to US\$/MBtu using an average conversion factor of 1 020 Btu/cubic foot. These data are published by the Energy Information Administration, Department of Energy, *Monthly Energy Review*.

# NOTES ON DEFINITIONS AND REGULATIONS FOR COAL TRADED INTERNATIONALLY

## GENERAL NOTES

Gross calorific values are generally used to identify varieties of coal in a commercial context. Net calorific values are more appropriate for inter-fuel analysis (please see General Notes and Definitions at the beginning of Part II).

Starting on 1 January 1988, Australia, Japan and the European Community adopted the Harmonised Commodity Description and Coding System (HS) for classifying internationally traded commodities. Commodity codes used for classifying coking and steam coal are given for both the old and new systems.

Differences between export and import average unit values can be significantly different due to variations in shipping/handling cost, but also to time lags between the reporting of contracted exports and reporting of landed imports. It may, therefore, take time for changes in export unit values to be reflected in the import unit values.

## AUSTRALIA

Australian average export prices are derived from volume and value data of Australian export statistics.

**Source:** Australian submission to the IEA Annual Coal Questionnaire (NCV) and Australian Bureau of Statistics (GCV).

Definitions used for steam coal and coking coal are derived from the national foreign trade classification which is based on the HS. From 1 July 1995 onwards, items recorded under HS item 2701.12.19 are now recorded under HS item 2701.1214.

### *Steam Coal*

From 1Q88 onwards, bituminous coal excluding metallurgical coal (e.g. steaming coal), item 2701.11299. Prior to 1Q88, non metallurgical coal (item 3251005) and non- high-ranking coking coal (item 3251013), as long as it was shipped to Europe.

### *Coking Coal*

From 1Q88 onwards, high-ranking metallurgical coal, item 2701.11213. Prior to 1Q88, high-ranking metallurgical coal (item 3251003) and non-high-ranking

coking coal (item 3251005), as long as it was not shipped to Europe.

## CANADA

Canadian average export prices are derived from volume and value data of Natural Resources Canada.

**Source:** Natural Resources Canada, Mineral and Metal Sector.

### *Steam Coal*

Prices refer to other bituminous coal and anthracite.

### *Coking Coal*

Prices refer to metallurgical bituminous coal.

## E.U. MEMBER STATES

**Import Duties:** There is no EU import duty on coal. However Germany and Spain apply import duties on volumes beyond a certain threshold (Germany: 10.23 EUR/t). The Spanish threshold is redefined every year. Neither country has had actual imports reach the threshold.

Prices in the preceding tables on coal imports have been derived from the monthly customs statistics in volumes and values as they are reported by member countries to the statistical office of the European Communities. From 1999 onwards, prices for Belgium and Luxembourg are shown separately. Prior to 1986, prices do not include Spain and Portugal.

**Source:** Statistical office of the European Communities.

The definitions of steam coal and coking coal in terms of the Combined Nomenclature are based on the HS.

### *Steam Coal*

From 1Q88 onwards, bituminous coal excluding coking coal (items 2701.12-90 and 2701.19-00). Prior to 1Q88, other hard coal (item 2701-18), excluding anthracite (item 2701-11) and dry steam coal (item 2701-14).



## *Coking Coal*

From 1Q98 onwards, coking coal (item 2701.12-10). Prior to 1Q88, coking coal (item 2701-16).

### JAPAN

**Import Duties:** There are no import duties levied on coal imports.

Average import prices have been derived from volume and value data in monthly customs statistics. The definitions used for steam and coking coal were derived from the terms of the national foreign trade classification, based on the HS.

## *Steam Coal and Anthracite*

From 1Q88 onwards, item 2701.12-099 and 2701.19-090. Prior to 1Q88, sub-item 199 of item 2701.

## *Coking Coal*

From 1Q88 onwards, items 2701.12-011, 2701.12-091, 2701.12-092, 2701.12-019 and 2701.19-010. Prior to 1Q88, sub-items 121, 129, 191 and 192 of item 2701.

### SOUTH AFRICA

Average export prices are derived from volume and value data in South African export statistics. The definitions

used for steam coal and coking coal are derived from the terms of the national categories.

**Source:** South African Coal Report..

## *Steam Coal*

Prices refer to other bituminous coal.

## *Coking Coal*

Prices refer to bituminous low ash coal.

### UNITED STATES

Average export prices are derived from volume and value data of U.S. custom statistics published by the Bureau of Census. The definitions used for steam coal and coking coal are in terms of national tariff positions. From 3Q2006 average export prices are taken from the Quarterly Coal Report of the Energy Information Administration.

**Source:** Bureau of Census and Energy Information Administration..

## *Steam Coal*

Bituminous coal, anthracite, and lignite (items 2701.11-0000; 2701.12-0050, respectively).

## *Coking Coal*

Low-volatile bituminous coal and blends for use in the manufacture of coke (item 2701120010).



## **PART II**

# **ENERGY END-USE PRICES IN OECD COUNTRIES**

## GENERAL NOTE ON DEFINITIONS, METHODS AND SOURCES

References throughout the publication to national currency for the EMU countries represent Euro. Please see below for more details.

For country-specific exceptions and additional methodological information please refer to the detailed notes following each set of country tables in Part II.B.

All prices, taxes and indices for the most recent quarter are preliminary (e.g. the third quarter in the third quarter edition). Also, in the case of the fourth quarter edition, the most recent year is preliminary (e.g. year 2006 for the 4Q2006 edition). These prices, taxes and indices are revised and updated in the subsequent edition.

### INDICES OF ENERGY END-USE PRICES

These indices have been derived from the nominal end-use prices (including taxes) shown in Part II.B of this publication. The methodology for calculating the real and nominal indices of energy end-use prices is as follows:

For products where more than one price is available, a representative series is created for each country. The representative heavy fuel oil price is a combination of high sulphur fuel oil and low sulphur fuel oil. The representative motor gasoline price is a combination of the most consumed unleaded gasoline for recent time periods and leaded gasoline for earlier time periods.

For oil, the industry index includes representative heavy fuel oil, light fuel oil and automotive diesel but not fuels used for electricity generation. The household index includes representative gasoline and light fuel oil.

For coal, the industry index includes representative steam coal and coking coal. The household index includes steam coal.

Indices with the base year 2000=100 were computed for each price series from prices in national currencies and then aggregated over product groups, sectors and countries. The Paasche formula was used for index computation. The weights used were the physical quantities consumed, as published in the OECD/IEA *Energy Statistics of OECD countries*. To calculate the real price index, the nominal prices were deflated with country-specific producer price indices (2000=100) for

the industry sector and with country-specific consumer price indices (2000=100) for the household sector. The regional aggregates were calculated as the weighted averages of country specific indices, using consumption quantities as the weights.

The consumer price index (CPI) and the producer price index (PPI) were taken from the OECD *Main Economic Indicators*. Missing historical series have been estimated using *International Financial Statistics* from the International Monetary Fund.

Missing data for prices in national currencies in Part II.B tables were estimated for the index calculations. Certain series with missing data for approximately 10 years or more have been omitted.

For more information on the index calculation, please contact us at [prices@iea.org](mailto:prices@iea.org).

### ENERGY END-USE PRICES, TAXES AND PRICE INDICES IN NATIONAL CURRENCIES

#### *General Definitions*

Unless otherwise specified, the quarterly prices since 1Q93 refer to the three-month average of the quarter. Prior to 1Q93 the prices refer to the second month of the quarter. Annual data are twelve-month averages.

If not specified otherwise, end-use prices:

- Include transport costs to the consumer;
- Are prices actually paid (i.e. net of rebates);
- Include taxes which have to be paid by the consumer as part of the transaction and which are not refundable. This excludes value added tax (VAT) paid in many European countries by industry (including electric power stations) and commercial end-users for all goods and services (including energy). In these cases VAT is refunded to the customer, usually in the form of a tax credit. Therefore, it is not included in the prices and taxes columns in the tables. This also applies to automotive diesel for the EU countries. The VAT percentages shown in the country notes refer to a pre-VAT price that includes all other taxes.

Due to lack of information, the United States is an exception to the above rule. Although all energy products are subject to non-refundable taxes at least at the state and local level, only gasoline and automotive diesel include total average taxes. All other energy product prices shown exclude taxes since the national average of local taxes remains unknown and price data are collected on an ex-tax basis.

### **Industry**

Prices and taxes for the industry sector are the average of amounts paid for the industrial and manufacturing sectors.

### **Households**

End-use prices for residential (heating) or individual consumer (gasoline and automotive diesel) consumption.

### **Electricity Generation**

Prices shown refer to the price paid at the power plant.

Prices for energy use in the commerce and public services sector (i.e. shops, government, hospitals, universities) are not included in this publication.

### **Sources**

Most of the prices in the country tables are submitted on a quarterly or annual basis to the IEA Secretariat by Administrations; others are taken from national publications or web sites. Whenever possible, reference is made to the national publication that provides additional detail and/or time periods. Please see the country specific notes for details.

### **Oil Products**

By decision dated 26 January 1977, the European Commission initiated a weekly reporting system of end-use prices and taxes for the following products: RFO 1 (sulphur content  $\leq 1\%$ ); RFO 2 (sulphur content  $< 2\%$ ); heating gas oil (delivery size of 2-5 kl per transaction); automotive diesel oil, and Euro super 95 and leaded premium gasoline (pump prices). Prices are reported to the Commission as delivered prices and exclude rebates.

For some EU countries, no special series are available on heavy fuel oil prices for electricity generation and on light fuel oil for industry. They have been approximated as the ex-VAT prices for heavy fuel oil for industry and light fuel oil for households, respectively.

### **Coal**

Given the great variety of coal qualities in domestic and international coal trade, a selection of a standard

coal quality for international comparisons of end-use prices is not possible. Therefore, prices refer to the most common qualities for each country and are not necessarily comparable between countries. This is especially true for prices shown under the heading "Steam Coal for Households", where prices shown may refer to bituminous steam coal, anthracite, lignite or even coke.

In Austria, the United Kingdom and the United States, coal prices are available as average unit values (as average expenditure per metric ton of coal by industry, power plants and households). These average unit values are the weighted average of all qualities and delivery sizes for which transactions have taken place. They are particularly useful for price comparisons between the four major energy sources when converted to a common heat unit and for price comparisons between countries on the basis of a single monetary unit.

### ***Natural Gas and Electricity***

For studies on price behaviour and policies in the field of natural gas and electricity, the concept of average unit value is also of particular importance. These two forms of energy are supplied under a multitude of contract or tariff conditions which link the prices to the quantity delivered, the continuity of the supply, load factors and the diurnal pattern of use. The contracts or tariffs may also include a fixed charge component. However, when seeking a representative overall price of electricity and natural gas for broad sectors such as industry and households, the average unit value is the most appropriate. It is obtained either from utilities as average revenue per unit delivered or from industry or households as average expenditure per unit purchased. Most of the average unit values are only available on an annual basis.

For most countries, average unit values for electricity are available. However, for a few countries, average unit values do not exist and therefore selected tariff rates have been used. The weighted average of the tariffs approximates an average value per kWh.

Most of these prices exist only on an annual basis and may be published long after the period to which they relate. More recent time periods can be estimated by using the electricity price indices as compiled for the general wholesale and retail price indices. They are shown separately in each country section.

Estimates for natural gas most recent periods can be made as in the case for electricity, i.e. by using the index numbers for wholesale and retail natural gas prices shown separately on another table in each country section. For the four countries without average unit values, representative quarterly tariff rates are shown in the main tables.

The prices for natural gas refer to  $10^7$  kcal using the gross calorific value of the gas. Prices for  $10^7$  kcal using the net calorific value would be approximately 11 per cent higher.

### ***Prices per Heat Equivalent of One Tonne of Oil***

This section refers to prices expressed in terms of the heat content of the fuel rather than price per (e.g. tonne, litre) physical unit. They have been calculated using the country specific calorific value (heat content). The net calorific value of a fuel (NCV) is the calorific value gross (GCV), less the heat content of the water formed during the combustion of the fuel. For coal and oil the net calorific values are some 5 per cent lower than the gross values; for natural gas they are 10 per cent lower.

For commercial purposes, specific varieties of a given fuel are usually characterised by the gross calorific value (GCV). For inter-fuel analysis the use of a net calorific value (NCV) is more appropriate. Prices on international gas trade (in Part I) and on natural gas use in different sectors in the following tables are based on the gross heat value. Prices of Part II Sections covering different fuels refer to a net heat value. The tables at the end of this section show the conversion factors for each country that are used to convert the prices in Tables 1 to 3 (per original physical units) to the prices in Part II. E heat equivalent. For electricity and natural gas, however, this is not necessary. For all countries, a factor of 0.000086 is used to convert electricity from kWh to  $10^7$  kcal, and a factor of 0.9 is used to convert natural gas from gross to net heat equivalents.

### ***Energy Price Indices***

The producer price indices (PPI) and the consumer price indices (CPI) compiled by national statistical services often contain sub-indices for energy products. Where possible the sub-indices for oil products, electricity, natural gas and coal are shown in Table 4, Part II.B. Wholesale indices refer to industry (PPI) and retail indices refer to households (CPI). Growth rates of wholesale and retail price indices are usually close but not identical to those of similar indices which could be constructed from the absolute prices. Any differences in growth rates are due to differences in price surveys and weighting schemes used for the construction of the wholesale and retail price indices from indices of nominal energy end-use prices.

In the context of this publication, energy sub-indices of PPI and CPI are important instruments for cross-

checking growth rates of absolute prices and for estimating the absolute prices, notably for electricity and natural gas prices for periods with missing price data. Wholesale and retail indices are presented in the base year of the original source.

## **ENERGY END-USE PRICES IN U.S. DOLLARS**

In general, country differentials between national end-use prices expressed in U.S. dollars are heavily influenced by exchange rate differentials. However, world market prices of primary fuels in U.S. dollars are an important parameter for the pricing of final energy consumption, particularly for countries which rely heavily on energy imports. The difference between world market prices and national end-use prices in U.S. dollars correspond to the remaining pricing parameters, i.e. transformation and distribution costs, non-internationally tradable energy sources (mainly hydropower, but also natural gas), market structures (e.g., mix of large- and small- purchase lots), and the pricing policies of central or local authorities, which naturally include the national tax policies.

## **HOUSEHOLD ENERGY PRICES IN U.S. DOLLARS (PPP)**

The prices shown in Section F are the result of converting the national currency prices in Section B using average Purchasing Power Parities (PPP) for GDP in national currency per U.S. dollar from OECD *National Accounts of OECD countries*.

Due to wide fluctuations in exchange rates, there has been some concern regarding international price comparisons based on these exchange rates, which may not reflect the *relative purchasing power* in each currency. In other words, a given amount of money, when converted into different currencies at the PPP rates, buys the same basket of goods and services in all countries compared. This includes consumer goods and services, government services, equipment goods and construction projects. Consumer items include food, beverages, tobacco, clothing, footwear, rents, water supply, gas, electricity, medical goods and services, furniture and furnishings, household appliances, personal transport equipment, fuel, transport services, recreational equipment, recreational and cultural services, telephone services, education services, goods and services for personal care and household operation, repair and maintenance services.

The prices shown in Sections D and E are the result of converting those of Section B to U.S. dollars using quarterly and yearly averages of exchange rates as published by the OECD *Main Economic Indicators*. Missing historical series have been estimated according to *International Financial Statistics* from the International Monetary Fund.

The PPP are triennial benchmark results developed jointly by the Economics and Statistics Division of the OECD and the Statistical Office of the European Communities (EUROSTAT). For more information on methodology, see [www.oecd.org/std/ppp](http://www.oecd.org/std/ppp).

## CONVERSION TO EURO

Prices and taxes prior to the date of entry into the Economic and Monetary Union (EMU) have been converted from the former national currency using the appropriate irrevocable conversion rate. The irrevocable conversion rate at 1 January 1999 was used for all countries, except Greece (fixed rate as of 1 January 2001), Slovenia (fixed rate as of 1 January 2007), Malta and Cyprus (both fixed rate as of 1 January 2008).

Country	Rate	Country	Rate
Austria	13.7603	Italy	1936.27
Belgium	40.3399	Luxembourg	40.3399
Cyprus	0.585274	Malta	0.4293
Finland	5.94573	Netherlands	2.20371
France	6.55957	Portugal	200.482
Germany	1.95583	Slovenia	239.64
Greece	340.750	Spain	166.386
Ireland	0.787564		

This methodology facilitates comparisons within a country over time and ensures that the historical evolution (i.e. growth rate) is preserved. However,

pre-EMU Euro are a notional unit and are not normally suitable to form area aggregates or to carry out cross-country comparisons.

The national currency prices have been converted to Euro and rounded using IEA Secretariat rounding conventions depending on the product and flow (see below). The total prices have not, however, been recalculated and therefore small rounding errors may result.

Product	Decimals	Product	Decimals
HFSO	2	Natural Gas	2
LSFO	2	Steam Coal	2
LFO	2	Coking Coal	2
Diesel	3	Electricity	4
Gasoline	3		

For pre-2001 time periods, the prices in U.S. dollars (Sections D, E and F) have been obtained by converting the prices in euros back into the former national currencies using the irrevocable fixed Euro rate, and then converting to U.S. dollars using the appropriate national currency exchange rates. Regional totals for all time periods (before and after 1 January 1999 or 1 January 2001 for Greece) have been calculated after all series were converted to U.S. dollars.

## CONVERSION FACTORS AND CALORIFIC VALUES

The following conversion factors and calorific values are used to convert from prices and taxes tables in national currencies per unit to prices in national currency per tonne of oil equivalent, on a net calorific value basis. Where country-specific information is not available, an "s" has been used to denote standard calorific values from IEA Energy Balances methodology, and an "e" has been used to denote an IEA Secretariat estimate.

## Heavy Fuel Oil \*

	Density (t/kl)	Calorific Value (kcal/kg)	Conversion Factor (10 <sup>7</sup> kcal/ton)
Australia	0.95s	9600s	0.96
Austria	1.00	9600s	0.96
Belgium	0.93	9750	0.975
Canada	0.95	9600s	0.96
Czech Republic	0.99	9532	0.9532
Denmark	0.975	9650	0.965
Finland	-	9600s	0.96
France	-	9750	0.975
Germany	0.99	9800	0.98
Greece	-	9600s	0.96
Hungary (Industry)	-	9500	0.95
Hungary (elec. gen)	-	9700	0.97
Ireland	0.97	9480	0.948
Italy	0.94-0.97	9600	0.96
Japan	0.95	9600s	0.96
Korea	0.944	9203	0.9203
Luxembourg	0.95	9650	0.965
Mexico	0.982	10139	1.0139
Netherlands	0.94	9760	0.976
New Zealand	0.945	10129	1.0129
Norway	0.82-0.86	9974	0.9974
Poland	0.955-0.97	9793	0.9793
Portugal	0.98	9600	0.96
Slovak Republic	0.99	9699	0.9699
Spain	-	9400	0.94
Sweden	0.965	9600s	0.96
Switzerland	-	9600s	0.96
Turkey	0.97	9600	0.96
United Kingdom	0.98	9870	0.987
United States	0.944	9988	0.9988

\* Fuel oil with sulphur content greater than 1%.

"s" denotes standard calorific values from IEA energy balances methodology.

"e" denotes IEA Secretariat estimate.



## Light Fuel Oil

	Density (t/kl)	Calorific Value (kcal/kg)	Conversion Factor (10 <sup>7</sup> kcal/kl)
Austria	0.84	10350s	0.8694
Belgium	0.84	10250	0.861
Canada	0.83	10350s	0.8591
Czech Republic	0.86	10031	0.8627
Denmark	0.8594	10175	0.8744
Finland	0.84	10350s	0.8694
France	0.845	10100	0.8535
Germany	0.87	10200	0.8874
Greece	0.83	10350s	0.8591
Ireland	0.838	10170	0.8522
Italy	0.83	10210	0.8474
Japan	0.8	10350s	0.828
Korea	0.87	8117	0.7062
Luxembourg	0.84	10250	0.861
Mexico	0.852	10849	0.9243
Netherlands	0.84	10100	0.8484
New Zealand	0.824	10366	0.8542
Norway (industry)	0.85	10350s	0.8798
Norway (household)	0.83	10350s	0.8591
Poland	0.845	9791	0.8273
Slovak Republic	0.91	10101	0.9192
Spain	0.855	10350s	0.8849
Sweden	0.845	10350s	0.8746
Switzerland	0.845	10350s	0.8746
Turkey	0.8	10450	0.836
United Kingdom	0.847	10260	0.869
United States	0.83e	10760	0.8931
All other countries	0.83e	10350s	0.8591

## Automotive Diesel

	Density (t/kl)	Calorific Value (kcal/kg)	Conversion Factor (10 <sup>7</sup> kcal/litre)
Austria	0.84	10350s	0.0008694
Czech Republic	0.843	10177	0.0008579
Denmark	0.845	10175	0.0008598
France	0.845	10350s	0.0008746
Germany	0.833	10350s	0.0008622
Hungary	0.83	10221	0.0008483
Italy	0.83	10350s	0.0008591
Korea	0.84	10090	0.0008476
Mexico	0.852	10849	0.0009243
Netherlands	0.84	10350s	0.0008694
New Zealand	0.822	10297	0.0008464
Poland	0.845	10203	0.0008622
Portugal	0.837	10350s	0.0008663
Slovak Republic	0.845	10350s	0.0008746
Switzerland	0.835	10350s	0.0008642
Turkey	0.85	10350s	0.0008798
United Kingdom	0.845	10350s	0.0008746
United States	0.82	10350s	0.0008487
All other countries	0.86e	10350s	0.0008901

## Gasoline\*

	Density (t/kl)	Calorific Value (kcal/kg)	Conversion Factor (10 <sup>7</sup> kcal/litre)
Austria	0.75	10700s	0.0008025
Belgium	0.74	10700s	0.0007918
Czech Republic	0.76	10412	0.0007913
France	0.755	10700s	0.0008079
Germany	0.745	10700s	0.0007972
Hungary	0.735	10700s	0.0007865
Italy	0.74	10700s	0.0007918
Korea	0.74	9681	0.0007164
Mexico	0.729	10700s	0.0007800
Netherlands	0.745	10700s	0.0007972
New Zealand	0.739	10296	0.0007609
Poland	0.755	10342	0.0007808
Portugal	0.748	10700s	0.0008004
Slovakia	0.755	10700s	0.0008079
Switzerland	0.744	10700s	0.0007961
Turkey	0.775	10700s	0.0008293
United Kingdom	0.738	10700s	0.0007897
All other countries	0.78e	10700s	0.0008346

\*All values refer to regular unleaded gasoline, except for the Slovak Republic (premium 95 RON).

## Coal

10 <sup>7</sup> kcal/ton	Steam Coal Industry	Steam Coal Elect. Generation	Steam Coal Households	Coking Coal Industry
Australia	0.66	0.66	-	0.6807e
Austria	0.689e	0.6609e	0.672e	0.6943e
Belgium	0.5550e	0.5338	0.6158e	0.7000e
Canada	0.7127	0.6094e	-	0.7164
Czech Republic <sup>1</sup>	0.375	0.255	0.375	0.65
Denmark	0.7	0.5831e	0.7	-
Finland	0.6091e	0.6091e	-	0.6998e
France	0.621	0.621	0.88	0.7285
Germany	0.7	0.6914	0.5995e	0.695
Greece <sup>2</sup>	0.612e	0.1252e	-	-
Hungary <sup>3</sup>	0.4912	0.2003	0.4341	-
Ireland	0.665e	0.6194	0.665e	-
Italy	0.6162	0.62	0.635e	0.665
Japan	0.5571	0.5571	-	0.6559
Korea	0.66	0.66	0.66	0.66e
Luxembourg	-	-	0.6998e	-
Mexico <sup>4</sup>	-	0.4575	-	-
Netherlands <sup>5</sup>	0.7	0.7	0.5989e	0.68
New Zealand	0.6836	-	0.6836	-
Norway	0.6712e	-	0.6712e	0.6712e
Poland	0.5567	0.5160	0.6568	0.7068
Portugal	0.6105e	0.6105e	-	0.6998e
Slovakia <sup>6</sup>	0.611e	0.2567e	0.2938e	0.7018e
Spain	-	0.55	-	0.717e
Sweden	0.6415e	0.6664e	0.6544e	0.6454
Switzerland <sup>7</sup>	0.6	-	0.4801e	0.72
Turkey <sup>8</sup>	0.425	0.2	0.425	0.61
United Kingdom	0.6275	0.5653	0.5653e	-
United States	0.648e	0.6101e	-	0.709

1. Czech: brown coal

2. Greece: brown coal for electricity generation.

3. Hungary: brown coal for household and electricity generation from 1992 onwards.

4. Mexico: sub-bituminous coal for electricity generation.

5. Netherlands: steam coal for industry and electricity generation refers to quality hard coal.

6. Slovakia: brown coal for household and electricity generation from 2002 onwards.

7. Switzerland: steam coal for household refers to quality lignite.

8. Turkey: steam coal refers to quality lignite.

## Natural Gas, Gross Calorific Values

	kcal/m <sup>3</sup>	kJ/m <sup>3</sup>
Australia	9506	39800
Austria	9510	39816
Belgium	8400	35169
Canada	8892	37229
Czech Republic	9030	37807
Denmark	9150	38309
Finland	10476	43861
France	8400	35169
Germany	8400	35169
Greece	9650	40403
Hungary	8500	35588
Ireland	9444	39540
Italy	9100	38100
Japan	11000	46055
Korea	10500	43961
Luxembourg	8700	36425
Mexico	9400	39356
Netherlands	8406	35194
New Zealand	9004	37698
Norway	9560s	40026s
Poland	9436	39500
Portugal	10250	42915
Slovak Republic	8972	37564
Spain	10271	43002
Sweden	..	..
Switzerland	9560	40026
Turkey	9155	38330
United Kingdom	8400	35169
United States	9139	38263

## **A. INDICES**

**Table 1**  
**OECD - Indices of Real Energy Prices for End-Users**

2000 = 100

	Total Energy			Oil Products			Coal			Natural Gas			Electricity		
	I	H	B	I	H	B	I	H	B	I	H	B	I	H	B
1987	99.4	102.2	101.1	78.3	93.7	90.1	135.3	75.7	122.9	97.2	103.5	100.1	129.7	126.7	126.4
1988	93.9	99.1	97.1	71.7	89.9	85.3	129.5	85.0	121.3	91.0	99.0	95.2	125.4	124.5	123.5
1989	93.0	99.2	96.8	74.3	92.0	87.4	133.9	66.9	122.4	86.3	96.9	92.3	121.5	121.2	120.1
1990	96.6	102.7	100.2	83.4	97.5	93.8	135.4	87.3	128.8	84.9	99.2	92.9	121.3	119.2	119.0
1991	96.2	100.7	99.0	82.1	94.4	91.2	128.7	95.6	123.5	81.6	100.2	92.4	123.1	118.4	119.4
1992	94.8	98.1	96.9	79.7	91.0	88.1	121.4	99.9	117.8	81.2	95.8	89.7	123.1	118.5	119.5
1993	94.6	96.2	95.6	80.0	88.4	86.2	114.0	105.5	112.4	82.5	94.4	89.5	122.6	117.1	118.4
1994	92.7	94.3	93.8	79.9	85.4	84.1	109.8	106.0	108.3	81.4	95.1	89.5	117.5	116.0	115.8
1995	88.5	93.1	91.4	75.2	85.0	82.3	106.4	100.9	105.5	74.1	92.0	84.9	112.9	113.7	112.6
1996	91.9	94.9	93.7	82.3	88.8	86.9	110.6	107.9	110.9	81.8	93.6	89.3	110.2	111.1	110.1
1997	92.9	93.9	93.5	83.9	87.4	86.5	115.7	112.2	115.8	86.1	94.6	91.2	108.5	108.9	108.3
1998	88.9	87.8	88.4	78.6	78.2	78.6	115.6	107.7	115.2	79.3	92.9	87.3	107.3	105.9	106.0
1999	88.6	89.8	89.6	83.7	83.2	83.6	103.8	102.0	103.9	78.9	90.9	86.1	99.5	103.2	101.5
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	102.7	98.4	100.0	97.2	94.8	95.6	110.7	102.6	109.6	113.5	109.7	111.0	107.1	101.3	103.7
2002	99.3	93.8	95.9	95.0	90.1	91.6	116.5	105.8	115.5	100.9	98.4	98.8	106.5	100.1	102.6
2003	106.8	99.0	101.7	100.8	97.1	98.0	111.6	103.3	110.7	128.8	107.6	115.3	111.3	101.1	105.1
2004	111.7	105.3	107.3	109.2	107.6	107.7	135.2	105.6	131.3	134.6	111.6	120.3	110.3	101.0	104.5
2005	125.8	115.7	118.9	129.1	124.0	125.1	169.1	106.7	162.9	158.8	123.6	136.1	113.9	102.2	106.5
2006	130.5	123.7	125.6	137.2	134.1	134.3	171.1	110.9	166.0	157.2	134.7	141.9	118.9	107.5	111.6
2007	129.4	125.7	126.3	138.2	139.2	137.8	172.8	116.9	167.9	146.7	131.7	136.4	117.0	107.1	110.6
1Q2003	110.1	99.1	103.0	106.0	99.9	101.7	111.7	102.8	110.9	140.2	102.4	116.2	108.9	98.7	102.8
2Q2003	105.5	99.5	101.5	99.4	95.5	96.5	112.1	101.7	111.2	129.5	113.4	119.3	109.0	102.7	105.1
3Q2003	105.1	102.4	103.1	98.5	98.0	97.8	111.6	103.7	110.7	122.7	123.7	123.4	111.7	102.8	106.3
4Q2003	104.4	97.2	99.7	99.2	94.4	95.7	111.0	105.0	110.2	120.6	106.8	111.5	110.0	100.2	104.0
1Q2004	107.7	99.4	102.2	101.8	99.4	99.8	114.9	106.1	113.0	136.7	106.6	117.8	110.0	98.8	103.1
2Q2004	109.0	106.9	107.2	105.6	109.6	107.7	141.5	103.0	137.1	131.4	113.8	120.6	108.2	101.5	103.9
3Q2004	112.1	109.0	109.7	110.6	109.7	109.5	142.0	106.1	137.0	128.5	125.3	126.9	111.0	103.2	106.1
4Q2004	116.6	107.2	110.3	118.7	111.6	113.6	142.2	107.0	137.6	141.1	114.3	124.4	107.9	99.2	102.6
1Q2005	116.7	106.3	109.8	116.9	110.6	112.3	148.4	106.3	143.1	142.8	113.9	123.9	111.7	99.4	104.0
2Q2005	121.0	114.0	116.0	125.4	120.7	121.7	166.8	104.5	160.2	139.8	121.2	127.9	111.7	102.9	106.0
3Q2005	129.8	124.6	125.7	135.9	135.7	134.9	178.5	107.8	171.7	156.6	137.3	144.6	115.3	104.1	108.1
4Q2005	135.5	120.1	125.1	138.1	129.1	131.5	183.5	108.3	177.4	200.5	136.6	159.4	115.1	102.2	106.9
1Q2006	131.4	118.8	122.9	133.9	126.7	128.3	181.3	109.7	175.1	182.0	133.6	149.9	117.9	104.1	109.1
2Q2006	131.2	129.5	129.4	141.5	144.3	142.2	174.6	107.2	169.2	150.2	135.1	139.9	116.2	108.1	110.8
3Q2006	132.2	131.2	130.8	142.5	144.1	142.5	166.4	109.9	161.5	144.6	145.7	144.8	120.1	110.1	113.5
4Q2006	126.4	116.3	119.5	131.1	121.9	124.4	169.6	116.5	165.1	149.5	131.1	136.5	119.1	107.0	111.4
1Q2007	125.9	117.0	119.8	128.5	123.9	124.7	173.1	116.4	168.1	154.1	130.9	138.3	119.0	106.1	110.9
2Q2007	127.7	130.0	128.2	134.9	145.7	140.6	174.3	113.7	169.1	150.2	135.9	140.6	115.1	107.8	110.2
3Q2007	128.8	129.2	128.3	138.6	141.3	139.3	171.3	115.1	166.5	137.2	145.2	141.8	117.6	108.3	111.6
4Q2007	135.1	128.5	130.2	150.4	146.0	146.4	172.5	122.2	167.7	145.7	129.7	134.8	116.4	105.8	109.7
1Q2008	139.8	130.8	133.4	156.6	150.8	151.5	179.9	124.9	173.6	158.2	129.6	139.1	115.6	105.4	109.2
2Q2008	..	..	..	162.9	163.3	162.1	..	..	..	..	..	..	..	..	..

I = Industrial index, including prices for automotive diesel oil for oil products.

H = Households index, including prices for gasoline for oil products.

B = Weighted average index of both industry and households.

Note: The "Real" price index is computed from prices in national currencies and divided by the country specific producer price index for the industrial sector and by the consumer price index for the household sector. Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 2**  
**OECD Europe - Indices of Real Energy Prices for End-Users**

**2000 = 100**

	Total Energy			Oil Products			Coal			Natural Gas			Electricity		
	I	H	B	I	H	B	I	H	B	I	H	B	I	H	B
1987	90.8	90.8	90.4	66.5	80.7	76.8	112.2	75.7	92.5	104.9	107.7	105.2	137.3	117.8	123.7
1988	86.8	88.8	87.7	62.9	77.3	73.3	109.8	85.0	96.9	94.0	104.9	99.8	135.0	117.5	122.8
1989	86.4	90.3	88.6	65.6	81.6	76.9	112.8	66.9	91.9	88.6	102.2	95.9	130.8	115.1	119.9
1990	91.5	93.3	92.5	72.2	84.3	80.8	110.0	87.3	98.7	93.7	105.2	99.8	133.8	115.4	121.5
1991	93.0	94.2	93.8	74.5	84.8	81.8	108.0	95.6	99.7	96.8	111.4	105.7	135.6	114.5	121.8
1992	91.9	92.5	92.3	73.5	82.1	79.6	104.2	99.9	99.4	91.9	108.9	102.2	136.3	115.0	122.3
1993	92.4	91.9	92.1	75.2	82.0	79.9	101.8	105.5	100.9	91.6	103.7	98.9	136.3	114.0	121.5
1994	91.3	92.0	91.7	75.3	82.0	79.8	107.6	106.0	104.4	90.1	103.9	98.6	131.1	114.2	119.7
1995	87.9	91.0	89.6	73.2	81.4	78.6	103.0	100.9	101.6	86.4	101.1	95.7	124.2	113.0	116.2
1996	90.1	92.1	91.3	79.5	84.2	82.6	98.2	107.9	101.3	84.1	98.8	94.3	120.6	111.2	113.7
1997	91.1	93.0	92.2	81.3	85.9	84.4	103.7	112.2	106.1	90.0	101.8	97.9	116.5	108.0	110.5
1998	87.9	89.7	89.0	77.2	81.2	79.9	103.8	107.7	104.4	86.0	99.8	95.3	114.6	105.5	108.5
1999	90.4	92.1	91.4	84.4	86.3	85.7	96.8	102.0	98.3	84.5	96.9	92.6	108.5	103.0	104.7
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	101.3	98.0	99.4	96.7	94.9	95.7	110.7	102.6	107.6	111.9	103.7	105.8	107.6	102.7	104.9
2002	100.7	96.1	98.0	95.2	91.7	93.2	111.8	105.8	109.4	108.9	103.8	104.7	111.1	102.4	106.0
2003	103.9	97.2	100.0	97.4	92.3	94.6	107.5	103.3	105.5	114.2	104.8	106.9	117.7	104.9	110.1
2004	107.4	99.3	102.7	102.5	96.4	99.3	135.3	105.6	123.9	113.3	104.5	105.9	118.0	103.8	109.4
2005	118.9	106.0	111.5	116.0	105.6	110.6	147.4	106.7	132.6	132.6	113.3	117.1	124.3	105.4	112.8
2006	124.9	112.4	117.7	119.0	110.2	114.4	141.4	110.9	130.9	156.9	130.9	136.0	134.3	111.3	120.3
2007	122.3	112.7	116.7	116.6	109.6	112.9	143.8	116.9	133.9	147.1	134.9	136.3	130.6	110.9	118.7
1Q2003	107.2	99.6	102.8	102.0	96.1	98.8	107.5	102.8	105.7	116.2	105.1	107.6	119.1	106.8	111.9
2Q2003	102.3	96.5	98.9	96.0	91.1	93.3	105.1	101.7	103.5	114.4	105.2	107.3	114.5	104.0	108.2
3Q2003	101.9	97.1	99.0	95.6	92.1	93.6	107.4	103.7	105.2	109.8	106.3	106.8	115.4	103.9	108.5
4Q2003	103.3	95.4	98.7	95.8	89.9	92.5	110.1	105.0	107.6	114.3	103.2	105.6	119.2	103.8	110.0
1Q2004	104.1	96.5	99.7	96.7	91.1	93.8	118.1	106.1	112.3	113.7	103.0	105.0	120.6	104.4	110.9
2Q2004	105.5	99.2	101.8	100.4	96.5	98.3	134.3	103.0	122.7	108.6	104.0	104.3	116.8	103.7	108.8
3Q2004	107.8	100.8	103.7	103.8	99.2	101.3	142.8	106.1	128.4	111.3	105.2	106.0	116.6	103.8	108.8
4Q2004	111.7	100.7	105.3	108.9	98.8	103.6	144.4	107.0	130.7	117.6	106.3	108.1	117.6	103.4	109.0
1Q2005	112.5	100.6	105.7	107.2	96.4	101.6	145.3	106.3	130.2	126.6	109.3	112.6	123.1	105.4	112.2
2Q2005	116.5	104.7	109.7	114.2	103.8	108.8	146.9	104.5	130.7	122.6	110.8	112.8	122.6	105.7	112.0
3Q2005	121.7	110.0	115.0	121.6	112.6	116.9	151.4	107.8	135.5	128.3	114.6	117.2	122.3	105.9	112.1
4Q2005	123.3	108.9	115.2	120.8	109.6	114.9	145.7	108.3	133.5	150.4	119.0	125.6	126.0	105.7	113.6
1Q2006	124.8	109.6	116.2	118.9	108.0	113.2	147.3	109.7	134.3	165.5	123.4	132.8	132.9	109.0	118.1
2Q2006	125.7	114.5	119.2	122.1	115.0	118.3	139.7	107.2	129.4	151.7	129.6	134.0	130.7	110.6	118.3
3Q2006	125.3	115.5	119.6	121.2	114.8	117.8	137.9	109.9	128.0	149.7	134.6	137.0	132.3	112.1	119.8
4Q2006	122.0	109.9	115.0	113.7	103.1	108.1	140.8	116.5	132.2	155.9	136.9	139.8	136.1	113.5	122.4
1Q2007	120.0	110.4	114.4	110.6	102.5	106.3	143.6	116.4	133.7	153.0	139.5	140.7	135.2	113.9	122.5
2Q2007	120.1	113.3	116.1	114.7	110.6	112.5	141.7	113.7	131.5	140.1	136.0	135.3	128.7	110.5	117.6
3Q2007	121.4	113.2	116.6	117.0	111.6	114.1	141.0	115.1	131.6	141.0	133.4	133.8	127.2	109.5	116.5
4Q2007	127.4	114.0	119.7	124.2	113.8	118.6	149.5	122.2	138.9	151.0	131.4	134.9	131.2	109.5	118.1
1Q2008	130.8	117.2	122.9	127.4	116.3	121.5	169.8	124.9	152.6	158.3	137.8	141.5	132.2	113.1	120.8
2Q2008	..	..	..	129.5	121.2	125.2	..	..	..	..	..	..	..	..	..

I = Industrial index, including prices for automotive diesel oil for oil products.

H = Households index, including prices for gasoline for oil products.

B = Weighted average index of both industry and households.

Note: The "Real" price index is computed from prices in national currencies and divided by the country specific producer price index for the industrial sector and by the consumer price index for the household sector. Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 3**  
**USA - Indices of Real Energy Prices for End-Users**

2000 = 100

	Total Energy			Oil Products			Coal			Natural Gas			Electricity		
	I	H	B	I	H	B	I	H	B	I	H	B	I	H	B
1987	106.5	107.8	107.4	87.1	96.6	94.8	139.7	..	139.7	87.7	100.6	95.5	135.9	136.9	136.6
1988	98.5	103.8	102.3	75.2	92.7	89.3	135.9	..	135.9	85.3	95.4	91.4	128.4	133.0	131.4
1989	98.8	104.4	102.8	82.5	95.7	93.0	128.5	..	128.5	80.1	93.7	88.7	124.2	129.4	127.6
1990	103.1	108.7	107.1	99.8	103.3	102.6	124.5	..	124.5	76.1	95.8	88.1	120.5	126.1	124.2
1991	99.5	104.3	103.0	89.6	97.0	95.6	123.9	..	123.9	68.1	93.5	84.2	121.7	124.3	123.3
1992	97.0	100.5	99.5	83.6	93.0	91.2	120.3	..	120.3	70.8	86.8	81.0	119.7	123.6	122.2
1993	95.7	98.0	97.3	81.2	88.9	87.4	117.4	..	117.4	74.6	88.0	83.2	118.4	121.2	120.2
1994	93.0	94.6	94.2	80.0	84.0	83.2	114.8	..	114.8	73.6	89.1	83.4	113.5	119.0	117.0
1995	88.2	93.6	92.0	78.1	84.3	83.0	112.4	..	112.4	63.3	85.9	77.5	108.8	115.9	113.3
1996	92.7	96.7	95.5	85.9	90.3	89.4	109.7	..	109.7	79.3	90.3	86.3	105.0	112.3	109.7
1997	91.1	93.7	93.0	82.5	86.5	85.6	109.5	..	109.5	83.4	89.1	86.8	103.1	110.3	107.7
1998	84.9	84.6	84.7	72.0	73.2	72.9	108.7	..	108.7	73.7	86.1	81.0	103.1	106.4	105.2
1999	81.2	86.5	84.9	76.9	78.9	78.5	105.5	..	105.5	72.2	82.7	78.6	88.9	102.9	98.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	..	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	102.7	97.7	99.2	92.6	93.1	93.0	103.1	..	103.1	115.3	111.7	113.1	107.8	100.8	103.1
2002	94.2	90.8	91.8	87.6	86.6	86.8	110.1	..	110.1	90.2	90.4	90.4	104.2	98.7	100.4
2003	107.5	99.7	101.9	98.5	98.4	98.5	107.6	..	107.6	127.4	106.4	114.4	108.6	99.3	102.0
2004	116.3	109.6	111.5	113.7	113.5	113.5	121.3	..	121.3	137.6	117.1	125.0	106.9	99.7	101.8
2005	137.8	124.2	128.0	144.2	135.0	137.3	146.8	..	146.8	168.3	135.0	147.4	110.3	101.6	104.0
2006	141.8	134.3	136.4	156.5	148.0	150.2	148.9	..	148.9	150.3	140.3	144.0	114.0	108.3	109.9
2007	142.4	137.8	139.1	161.8	156.9	158.1	155.5	..	155.5	139.6	129.1	133.0	113.3	107.7	109.3
1Q2003	111.8	97.9	101.8	106.1	100.9	102.2	104.5	..	104.5	143.5	96.8	114.4	101.2	92.7	95.2
2Q2003	106.0	101.2	102.6	96.1	96.3	96.2	108.6	..	108.6	130.9	118.5	123.2	105.5	103.1	103.8
3Q2003	104.6	106.1	105.7	95.4	100.2	99.0	107.8	..	107.8	117.9	139.1	131.1	110.1	103.4	105.3
4Q2003	101.8	97.8	98.9	96.4	95.4	95.6	109.7	..	109.7	114.1	107.8	110.2	101.8	98.2	99.3
1Q2004	109.3	100.9	103.3	102.1	102.9	102.7	112.9	..	112.9	138.8	108.6	120.3	102.0	94.4	96.6
2Q2004	111.8	112.9	112.6	107.6	117.1	114.7	119.7	..	119.7	135.4	123.6	128.2	103.5	101.1	101.8
3Q2004	116.0	115.5	115.6	114.8	115.2	115.1	123.6	..	123.6	129.2	146.7	139.9	109.2	104.0	105.5
4Q2004	123.4	112.0	115.2	129.5	118.4	121.1	128.9	..	128.9	146.6	121.7	131.4	100.0	96.6	97.6
1Q2005	122.7	110.4	113.9	127.1	117.7	120.1	147.9	..	147.9	142.7	117.7	127.0	103.6	95.2	97.5
2Q2005	129.3	122.0	124.1	137.3	130.6	132.3	149.4	..	149.4	144.7	133.4	137.6	107.4	103.1	104.3
3Q2005	144.0	137.8	139.6	153.4	151.0	151.6	149.1	..	149.1	165.0	164.5	164.7	117.6	105.4	108.7
4Q2005	155.8	130.2	137.3	159.2	140.7	145.4	146.0	..	146.0	226.1	159.1	184.0	111.8	101.6	104.4
1Q2006	142.8	127.1	131.5	148.2	137.3	140.1	156.7	..	156.7	184.2	145.7	160.0	110.7	102.7	104.9
2Q2006	143.1	143.6	143.5	163.4	163.1	163.2	153.8	..	153.8	141.7	142.2	142.0	112.0	110.2	110.7
3Q2006	145.9	145.7	145.7	166.8	161.4	162.8	154.3	..	154.3	134.3	160.6	150.8	119.7	113.0	114.9
4Q2006	135.4	122.6	126.2	148.3	131.2	135.5	157.5	..	157.5	138.6	127.7	131.7	112.6	106.0	107.8
1Q2007	136.7	123.7	127.3	146.1	135.3	138.0	159.5	..	159.5	151.2	124.3	134.3	112.8	103.5	106.0
2Q2007	141.1	146.1	144.7	156.9	168.2	165.3	154.3	..	154.3	148.2	140.5	143.4	112.0	109.7	110.4
3Q2007	141.1	144.0	143.2	161.9	159.1	159.8	154.4	..	154.4	123.4	162.2	147.8	118.2	111.2	113.1
4Q2007	150.0	141.3	143.8	181.3	165.2	169.3	153.8	..	153.8	135.1	124.1	128.2	109.9	106.0	107.1
1Q2008	157.9	143.2	147.3	191.1	171.2	176.3	153.9	..	153.9	157.4	122.9	135.7	107.0	101.7	103.2
2Q2008	..	..	..	217.4	191.6	198.1	..	..	..	..	..	..	..	..	..

I = Industrial index, including prices for automotive diesel oil for oil products.

H = Households index, including prices for gasoline for oil products.

B = Weighted average index of both industry and households.

Note: The "Real" price index is computed from prices in national currencies and divided by the country specific producer price index for the industrial sector and by the consumer price index for the household sector. Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.



**Table 4**  
**JAPAN - Indices of Real Energy Prices for End-Users**

2000 = 100

	Total Energy			Oil Products			Coal			Natural Gas			Electricity		
	I	H	B	I	H	B	I	H	B	I	H	B	I	H	B
1987	120.8	131.1	126.4	104.7	131.1	122.9	171.6	..	171.6	140.7	107.8	113.7	122.8	135.8	128.4
1988	113.5	124.6	119.5	98.6	122.4	114.7	155.3	..	155.3	120.7	102.9	106.1	116.3	131.5	122.8
1989	108.8	121.3	115.5	96.2	120.0	112.2	175.4	..	175.4	119.6	109.6	111.5	109.1	125.2	115.9
1990	110.1	120.8	116.0	106.4	124.4	118.2	187.6	..	187.6	113.4	106.6	107.5	106.1	120.4	112.6
1991	109.9	118.5	114.7	110.7	123.5	119.0	168.9	..	168.9	107.2	103.0	103.6	105.6	117.1	110.8
1992	109.1	115.1	112.5	106.7	118.5	114.4	153.2	..	153.2	104.7	100.7	101.2	107.7	115.2	111.2
1993	110.0	112.3	111.3	107.7	115.1	112.6	134.4	..	134.4	99.5	97.9	98.1	110.1	113.2	111.6
1994	109.4	111.6	110.7	110.7	114.4	113.1	115.7	..	115.7	93.3	97.2	96.6	109.0	112.1	110.5
1995	100.8	107.2	104.5	85.8	105.6	98.7	113.6	..	113.6	91.1	96.6	95.8	108.7	111.5	110.1
1996	104.3	105.3	104.9	93.9	101.6	98.9	137.4	..	137.4	92.4	102.4	100.8	108.5	110.0	109.3
1997	108.4	105.0	106.4	98.2	100.6	99.8	149.5	..	149.5	111.9	111.3	111.3	111.2	108.2	109.7
1998	104.6	98.8	101.1	95.1	93.1	93.8	152.0	..	152.0	94.3	99.2	98.5	107.5	104.7	106.1
1999	101.9	98.5	99.9	94.9	93.5	93.9	114.6	..	114.6	90.2	97.0	96.1	105.4	104.2	104.8
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	..	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	104.3	101.1	102.3	106.0	102.2	103.3	120.8	..	120.8	103.6	102.6	102.7	102.5	99.5	100.9
2002	101.2	98.9	99.8	105.7	101.5	102.7	130.5	..	130.5	95.9	99.2	98.7	97.5	96.1	96.8
2003	101.7	99.9	100.6	111.4	104.2	106.3	120.1	..	120.1	96.4	101.2	100.5	96.3	95.1	95.6
2004	103.1	102.0	102.4	118.8	110.3	112.7	158.7	..	158.7	90.7	100.4	98.8	92.9	93.7	93.3
2005	109.8	106.2	107.5	140.6	124.0	128.6	227.6	..	227.6	92.6	100.5	99.2	89.5	92.1	91.0
2006	115.7	112.3	113.5	159.9	138.4	144.3	242.2	..	242.2	103.9	105.3	105.1	88.3	91.5	90.2
2007	116.1	113.7	114.5	163.6	140.4	146.8	235.9	..	235.9	103.3	106.4	105.8	87.7	92.4	90.4
1Q2003	101.5	99.9	100.5	111.4	103.8	106.0	123.2	..	123.2	95.9	101.4	100.6	95.8	95.3	95.5
2Q2003	102.7	100.8	101.5	114.2	106.2	108.5	123.2	..	123.2	96.4	101.0	100.3	96.3	94.9	95.5
3Q2003	101.5	99.8	100.4	110.2	104.0	105.8	119.9	..	119.9	96.6	101.1	100.4	96.5	95.0	95.7
4Q2003	101.3	99.4	100.1	109.9	102.9	104.9	113.9	..	113.9	96.8	101.3	100.7	96.7	95.2	95.9
1Q2004	100.2	98.8	99.4	111.5	103.1	105.4	123.8	..	123.8	91.6	100.7	99.2	93.9	94.0	93.9
2Q2004	102.9	100.6	101.5	115.2	107.1	109.4	179.0	..	179.0	91.0	100.5	99.0	93.2	93.8	93.5
3Q2004	103.9	103.6	103.7	121.0	113.8	115.9	167.3	..	167.3	90.4	100.4	98.8	92.6	93.7	93.2
4Q2004	105.4	104.9	105.1	127.6	117.1	120.0	164.5	..	164.5	89.9	100.0	98.4	92.1	93.3	92.8
1Q2005	104.3	102.6	103.2	127.3	115.4	118.7	168.0	..	168.0	93.6	100.5	99.3	90.4	92.1	91.4
2Q2005	109.1	105.4	106.7	139.0	122.3	126.9	218.6	..	218.6	92.7	100.4	99.1	89.6	92.0	91.0
3Q2005	111.8	107.9	109.3	145.3	128.1	132.8	249.5	..	249.5	92.3	100.5	99.1	89.2	92.1	90.9
4Q2005	114.0	108.7	110.6	150.6	130.1	135.8	272.9	..	272.9	91.9	100.5	99.0	88.8	92.1	90.7
1Q2006	115.4	109.7	111.7	154.8	131.6	138.0	259.8	..	259.8	104.9	105.8	105.6	89.1	91.9	90.8
2Q2006	116.5	111.2	113.0	161.2	135.6	142.7	250.4	..	250.4	104.1	105.3	105.1	88.5	91.5	90.3
3Q2006	116.3	116.5	116.4	165.3	148.8	153.4	227.9	..	227.9	103.2	105.0	104.7	87.7	91.3	89.8
4Q2006	114.6	112.0	112.9	158.3	137.7	143.3	232.3	..	232.3	103.5	105.3	105.0	87.9	91.5	90.1
1Q2007	113.9	110.1	111.4	152.6	131.0	137.0	236.1	..	236.1	104.3	106.5	106.1	89.2	93.1	91.5
2Q2007	114.8	111.3	112.6	158.5	135.1	141.6	243.2	..	243.2	103.2	106.1	105.6	87.6	92.2	90.3
3Q2007	116.4	115.0	115.5	166.6	144.3	150.5	233.6	..	233.6	102.5	105.9	105.3	86.8	91.8	89.8
4Q2007	119.5	118.2	118.6	177.0	151.2	158.3	230.3	..	230.3	103.1	106.9	106.2	87.1	92.3	90.2
1Q2008	122.8	120.7	121.4	187.9	155.3	164.3	229.1	..	229.1	104.9	109.8	109.0	87.3	93.4	90.9
2Q2008	..	..	..	185.9	148.6	158.8	..	..	..	..	..	..	..	..	..

I = Industrial index, including prices for automotive diesel oil for oil products.

H = Households index, including prices for gasoline for oil products.

B = Weighted average index of both industry and households.

Note: The "Real" price index is computed from prices in national currencies and divided by the country specific producer price index for the industrial sector and by the consumer price index for the household sector. Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 5**  
**OECD Countries - Indices of Real Energy Prices for Industry (Total Energy)**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	3Q2007	4Q2007	1Q2008
Australia	97.6	100.0	102.3	103.9	101.3	101.3	108.2	110.6	107.9	107.7	109.6	122.3
Austria	95.1	100.0	97.0	95.0	95.7	106.4	113.0	119.0	120.6	121.4	123.7	110.8
Belgium	93.7	100.0	100.4	99.0	102.0	112.1	122.6	123.1	119.3	117.9	125.4	132.4
Canada	91.8	100.0	108.4	107.0	125.2	123.0	139.0	133.3	130.2	131.2	135.9	135.3
Czech Republic	90.6	100.0	96.0	91.7	92.2	95.9	108.0	115.7	112.5	111.8	117.1	121.9
Denmark	86.7	100.0	97.2	97.6	100.1	98.1	101.1	103.3	100.9	100.9	105.5	108.7
Finland	99.2	100.0	100.2	103.3	119.6	123.6	128.4	132.4	126.6	124.3	132.8	139.3
France	85.2	100.0	96.0	92.7	95.4	102.2	115.8	121.1	118.3	118.5	126.0	130.9
Germany	91.4	100.0	102.9	105.3	112.3	116.7	128.1	134.1	133.5	133.6	139.1	140.5
Greece	85.5	100.0	96.0	91.8	93.1	98.7	109.6	113.2	110.1	111.5	113.1	112.1
Hungary	94.4	100.0	97.2	99.4	109.1	111.0	120.3	132.0	136.8	137.9	141.5	148.5
Ireland	93.2	100.0	103.6	107.2	118.9	126.8	147.7	161.3	165.7	167.2	171.9	183.6
Italy	90.0	100.0	106.8	106.4	110.3	111.2	121.8	130.4	127.5	126.9	130.1	133.2
Japan	101.9	100.0	104.3	101.2	101.7	103.1	109.8	115.7	116.1	116.4	119.5	122.8
Korea	88.6	100.0	107.3	109.5	117.2	118.5	127.1	135.7	137.6	141.2	143.1	144.0
Luxembourg	88.3	100.0	99.2	96.7	97.8	92.9	106.4	106.5	100.4	100.3	105.2	108.3
Mexico	86.7	100.0	101.0	99.5	116.2	133.0	138.0	139.0	138.1	135.8	141.6	145.3
Netherlands	89.9	100.0	100.0	97.0	99.9	102.1	108.6	111.4	108.9	107.7	108.9	105.2
New Zealand	91.2	100.0	98.0	95.3	100.5	105.3	120.0	135.4	125.5	125.9	132.4	131.8
Norway	101.0	100.0	104.9	107.6	122.6	111.6	109.6	114.9	98.2	86.8	112.7	111.9
Poland	86.6	100.0	108.0	111.1	116.7	122.0	134.4	137.0	136.6	134.0	144.8	154.3
Portugal	99.5	100.0	99.2	95.6	102.1	106.9	119.3	127.4	129.7	130.3	134.3	135.5
Slovak Republic	94.6	100.0	97.2	95.9	110.4	112.8	118.1	127.8	129.8	129.2	132.7	141.1
Spain	87.1	100.0	97.8	98.0	95.8	98.0	114.6	119.6	113.8	114.2	117.6	120.4
Sweden	86.5	100.0	104.2	103.6	109.0	113.2	124.2	128.7	123.1	121.0	128.1	135.8
Switzerland	97.0	100.0	98.0	92.7	93.1	95.8	104.4	108.9	108.7	108.6	113.8	115.6
Turkey	91.1	100.0	111.9	112.0	102.8	96.2	104.8	106.1	104.1	103.5	107.1	110.7
United Kingdom	93.8	100.0	99.1	96.2	96.9	100.3	114.9	127.0	123.3	119.6	129.3	135.0
United States	81.2	100.0	102.7	94.2	107.5	116.3	137.8	141.8	142.4	141.1	150.0	157.9
OECD Europe	90.4	100.0	101.3	100.7	103.9	107.4	118.9	124.9	122.3	121.4	127.4	130.8
OECD Total	88.6	100.0	102.7	99.3	106.8	111.7	125.8	130.5	129.4	128.8	135.1	139.8

Note: The "Real" price index is computed from prices in national currencies and divided by the country specific producer price index for the industrial sector and by the consumer price index for the household sector. Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 6**  
**OECD Countries - Indices of Real Energy Prices for Households (Total Energy)**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	3Q2007	4Q2007	1Q2008
Australia	88.7	100.0	97.7	94.1	95.3	100.6	110.9	118.2	116.1	115.5	121.8	126.5
Austria	90.8	100.0	96.8	93.9	95.5	101.1	107.0	110.6	114.0	115.7	117.9	119.2
Belgium	88.0	100.0	99.1	94.1	93.3	97.7	105.0	111.1	109.8	108.4	114.0	121.2
Canada	92.6	100.0	102.7	98.5	102.9	107.2	116.5	120.5	121.0	122.6	123.8	124.5
Czech Republic	84.2	100.0	95.8	91.3	90.3	92.5	96.8	102.1	100.1	101.6	101.5	102.2
Denmark	89.1	100.0	97.5	95.1	94.7	95.8	102.1	107.1	104.6	103.8	108.2	111.9
Finland	92.5	100.0	96.3	94.2	98.6	101.4	105.4	110.2	109.5	110.7	110.6	117.2
France	93.1	100.0	97.1	94.2	93.7	94.8	100.2	105.4	105.5	105.8	107.1	109.5
Germany	90.1	100.0	98.7	99.0	102.9	105.6	114.9	120.0	121.6	122.7	124.3	127.0
Greece	84.6	100.0	96.2	89.6	89.6	95.0	103.0	109.7	101.5	105.7	104.3	103.5
Hungary	95.3	100.0	91.0	88.0	92.7	88.8	92.4	98.0	111.2	115.6	109.6	118.1
Ireland	93.9	100.0	94.1	89.5	91.9	97.5	106.5	110.2	109.5	116.9	106.7	106.3
Italy	94.0	100.0	98.1	96.0	94.5	94.4	99.1	105.8	105.5	105.3	106.4	108.8
Japan	98.5	100.0	101.1	98.9	99.9	102.0	106.2	112.3	113.7	115.0	118.2	120.7
Korea	96.9	100.0	99.8	94.1	94.3	96.0	97.8	101.3	101.9	106.2	105.6	105.2
Luxembourg	83.9	100.0	94.5	89.5	89.6	98.4	114.0	118.4	119.5	120.5	123.0	126.5
Mexico	98.2	100.0	101.6	104.6	102.9	102.3	103.4	104.0	102.6	102.4	102.4	103.3
Netherlands	89.4	100.0	102.6	101.7	104.3	108.6	117.8	125.3	127.2	126.6	126.3	124.1
New Zealand	88.4	100.0	98.1	96.8	99.5	108.0	116.0	127.1	128.2	127.4	133.2	136.3
Norway	94.3	100.0	104.7	99.2	116.2	112.3	115.6	132.6	115.0	108.4	118.1	127.4
Poland	87.7	100.0	99.7	101.4	105.4	109.6	113.8	117.2	120.3	125.0	120.8	118.9
Portugal	98.5	100.0	99.4	94.5	98.0	100.5	105.1	109.7	111.7	112.7	112.0	113.0
Slovak Republic	81.7	100.0	99.7	93.1	102.9	113.3	116.1	123.9	118.4	120.4	116.9	116.4
Spain	96.3	100.0	94.2	90.9	88.6	88.9	92.1	95.4	95.3	96.3	96.0	98.4
Sweden	89.7	100.0	100.7	98.5	102.6	107.1	115.3	120.8	119.2	118.5	119.8	125.7
Switzerland	87.7	100.0	96.4	91.5	91.9	96.1	105.0	110.6	112.1	113.9	116.7	119.6
Turkey	97.6	100.0	116.4	116.1	108.6	102.9	112.5	112.0	107.9	108.3	106.7	112.2
United Kingdom	95.7	100.0	95.5	93.2	93.2	96.0	102.5	114.5	116.0	114.4	115.2	121.9
United States	86.5	100.0	97.7	90.8	99.7	109.6	124.2	134.3	137.8	144.0	141.3	143.2
OECD Europe	92.1	100.0	98.0	96.1	97.2	99.3	106.0	112.4	112.7	113.2	114.0	117.2
OECD Total	89.8	100.0	98.4	93.8	99.0	105.3	115.7	123.7	125.7	129.2	128.5	130.8

Note: The "Real" price index is computed from prices in national currencies and divided by the country specific producer price index for the industrial sector and by the consumer price index for the household sector. Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 7**  
**OECD Countries - Indices of Real Energy Prices for Households and Industry (Total Energy)**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	3Q2007	4Q2007	1Q2008
Australia	91.7	100.0	99.4	97.6	97.5	100.8	110.0	115.5	113.3	112.8	117.5	125.7
Austria	92.5	100.0	96.9	94.4	95.6	103.7	110.0	114.8	117.3	118.5	120.8	115.4
Belgium	90.3	100.0	99.7	96.2	97.1	104.2	112.9	116.5	114.1	112.7	119.1	126.2
Canada	92.3	100.0	104.7	101.4	110.7	112.8	124.5	125.1	124.3	125.7	128.1	128.4
Czech Republic	87.3	100.0	95.9	91.5	91.2	94.3	102.8	109.4	106.8	107.1	109.9	112.8
Denmark	88.4	100.0	97.4	95.8	96.3	96.5	101.8	105.9	103.4	102.9	107.3	110.9
Finland	95.4	100.0	98.1	98.4	108.5	112.0	116.1	120.5	117.5	117.0	120.9	127.5
France	89.8	100.0	96.6	93.5	94.5	98.2	107.3	112.6	111.3	111.6	115.7	119.3
Germany	90.5	100.0	100.1	101.2	106.1	109.5	119.6	125.0	125.8	126.5	129.5	131.8
Greece	84.8	100.0	96.1	90.2	90.5	96.0	104.7	110.7	103.8	107.3	106.6	105.8
Hungary	95.0	100.0	93.5	92.8	99.4	98.3	104.9	113.3	122.7	125.6	123.9	131.8
Ireland	93.6	100.0	98.3	97.2	103.4	110.1	124.6	132.7	134.3	139.1	135.4	140.3
Italy	92.4	100.0	101.8	100.5	101.6	102.1	109.7	117.3	115.7	115.4	117.4	120.2
Japan	99.9	100.0	102.3	99.8	100.6	102.4	107.5	113.5	114.5	115.5	118.6	121.4
Korea	93.0	100.0	103.4	101.7	105.9	107.8	113.0	119.2	120.4	124.4	125.1	125.3
Luxembourg	86.2	100.0	97.1	93.7	94.6	94.9	108.8	110.3	106.5	106.8	110.8	114.1
Mexico	93.7	100.0	101.4	102.7	107.7	113.1	115.7	116.4	115.2	114.2	116.3	118.2
Netherlands	89.6	100.0	101.5	99.8	102.5	105.9	113.9	119.4	119.5	118.5	118.9	116.0
New Zealand	89.3	100.0	98.0	96.3	99.8	107.1	117.3	129.8	127.3	126.9	132.9	134.8
Norway	96.7	100.0	104.7	102.3	118.7	112.0	113.1	125.3	108.0	99.5	115.9	121.0
Poland	87.3	100.0	103.0	105.3	110.2	115.1	123.2	126.3	127.8	129.2	131.8	135.2
Portugal	99.0	100.0	99.3	95.1	100.2	104.0	112.6	119.1	121.3	122.1	123.9	125.0
Slovak Republic	88.0	100.0	98.5	94.6	106.8	113.0	117.2	126.1	124.8	125.3	125.8	130.2
Spain	91.8	100.0	96.1	94.8	92.6	94.1	105.0	109.2	105.9	106.5	108.3	111.0
Sweden	88.7	100.0	101.8	100.1	104.7	109.2	118.4	123.5	120.5	119.4	122.7	129.2
Switzerland	90.0	100.0	96.8	91.8	92.2	96.0	104.8	110.1	111.0	112.3	115.8	118.4
Turkey	94.1	100.0	113.7	113.6	105.0	98.6	107.7	108.3	105.5	105.3	107.0	111.3
United Kingdom	95.1	100.0	96.7	94.2	94.6	97.6	107.3	119.4	118.8	116.4	120.7	127.0
United States	84.9	100.0	99.2	91.8	101.9	111.5	128.0	136.4	139.1	143.2	143.8	147.3
OECD Europe	91.4	100.0	99.4	98.0	100.0	102.7	111.5	117.7	116.7	116.6	119.7	122.9
OECD Total	89.6	100.0	100.0	95.9	101.7	107.3	118.9	125.6	126.3	128.3	130.2	133.4

Note: The "Real" price index is computed from prices in national currencies and divided by the country specific producer price index for the industrial sector and by the consumer price index for the household sector. Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 8**  
**OECD - Indices of Nominal Energy Prices for End-Users**

2000 = 100

	Total Energy			Oil Products			Coal			Natural Gas			Electricity		
	I	H	B	I	H	B	I	H	B	I	H	B	I	H	B
1987	73.9	66.9	68.8	58.3	62.0	60.9	104.0	20.6	90.2	67.4	68.7	66.9	99.6	85.6	90.1
1988	71.7	67.0	68.2	54.9	61.5	59.5	100.5	19.1	88.6	65.3	68.0	65.9	98.9	87.0	90.7
1989	73.8	70.5	71.1	59.2	65.8	63.8	109.1	18.7	96.7	64.9	69.9	67.0	99.6	88.6	91.9
1990	79.1	76.7	76.9	68.8	73.1	71.7	116.6	26.7	107.1	66.4	75.5	70.7	101.7	91.4	94.4
1991	81.1	78.4	79.0	70.0	73.7	72.6	113.6	32.8	103.9	65.9	79.3	73.2	105.5	94.5	98.0
1992	80.6	78.7	79.1	68.1	73.3	71.7	107.4	35.9	98.9	67.0	78.1	73.0	106.5	97.2	100.1
1993	81.6	79.8	80.2	69.3	73.4	72.2	100.5	44.6	93.8	69.5	79.1	74.8	107.3	99.0	101.4
1994	81.6	80.4	80.6	70.7	72.7	72.2	96.5	51.9	91.4	70.3	81.9	76.8	104.7	100.4	101.3
1995	80.6	81.8	81.2	68.3	74.6	72.9	95.7	56.5	91.8	66.7	81.3	75.2	104.4	101.2	101.7
1996	85.1	85.9	85.3	76.0	80.3	79.0	102.2	68.9	99.4	75.2	85.0	81.2	102.9	101.4	101.3
1997	87.2	87.1	87.0	78.6	81.2	80.4	108.6	78.7	106.5	80.3	87.8	84.7	102.4	101.7	101.4
1998	84.0	83.2	83.6	74.4	74.1	74.4	110.3	86.3	108.7	74.3	88.2	82.4	101.5	100.8	100.7
1999	84.7	87.0	86.3	79.9	80.6	80.6	99.8	90.7	99.5	75.2	88.0	83.0	95.2	100.1	97.9
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	104.4	101.4	102.6	99.1	97.5	98.1	112.1	112.8	111.6	115.1	113.3	113.9	108.8	104.4	106.3
2002	102.3	99.0	100.6	98.7	94.6	96.1	119.6	133.6	120.0	103.0	104.4	103.3	109.4	105.7	107.3
2003	112.7	107.1	109.3	107.5	104.2	105.3	117.9	142.9	118.8	133.9	117.0	123.2	116.5	109.3	112.4
2004	122.3	116.6	118.6	120.4	118.3	118.8	147.0	164.2	145.4	145.9	124.3	132.8	119.9	111.8	115.2
2005	143.1	132.1	135.8	148.2	140.3	142.5	185.4	174.3	182.1	179.6	142.5	155.8	128.8	116.1	121.0
2006	154.3	145.1	148.0	163.8	155.9	157.8	193.4	190.6	191.5	185.0	160.0	168.1	139.5	125.2	130.6
2007	158.0	151.3	153.1	170.3	165.9	166.4	202.2	215.4	201.1	179.0	161.6	167.1	141.5	127.7	133.0
1Q2003	116.5	106.6	110.5	113.3	106.7	108.9	117.9	138.1	118.6	146.5	111.1	124.1	114.6	106.2	109.9
2Q2003	110.9	107.5	108.9	105.7	102.4	103.5	117.9	140.6	118.8	134.1	123.4	127.4	113.8	110.9	112.2
3Q2003	110.6	110.9	110.9	104.9	105.5	105.2	117.7	144.2	118.7	127.3	134.6	132.1	116.6	111.4	113.7
4Q2003	110.2	105.5	107.4	105.9	101.8	103.1	118.1	148.7	119.2	125.5	116.4	119.5	115.2	108.8	111.6
1Q2004	115.1	108.7	111.2	109.6	107.9	108.4	123.6	160.7	124.3	144.4	117.3	127.5	116.9	108.2	111.9
2Q2004	119.0	118.2	118.4	115.9	120.4	118.5	152.6	158.3	150.4	142.2	126.5	132.9	117.4	112.3	114.5
3Q2004	123.5	121.1	121.8	122.6	120.8	121.2	155.0	167.0	152.4	140.4	139.8	140.8	121.6	114.6	117.5
4Q2004	129.9	119.9	123.6	133.4	123.8	126.9	156.8	170.7	154.6	155.7	128.7	139.2	119.3	110.8	114.4
1Q2005	130.7	119.8	123.7	132.1	123.5	126.2	162.7	170.5	160.2	158.7	129.6	139.9	124.2	111.5	116.6
2Q2005	137.1	129.7	132.1	143.3	136.2	138.2	182.7	169.9	178.9	157.6	139.3	146.1	125.7	116.6	120.1
3Q2005	148.6	142.9	144.4	156.9	154.5	154.5	195.8	178.1	191.9	178.6	158.9	166.6	131.1	118.8	123.4
4Q2005	156.3	138.6	144.6	160.7	147.6	151.6	201.6	178.7	198.4	230.1	159.0	184.8	131.9	117.1	122.8
1Q2006	152.4	137.6	142.7	156.7	145.4	148.7	200.5	184.2	197.4	209.3	156.4	174.5	135.9	119.8	125.9
2Q2006	155.7	152.2	152.8	169.4	168.2	167.6	196.8	182.8	194.4	177.7	160.4	166.2	136.7	126.2	130.0
3Q2006	158.2	154.9	155.5	172.1	168.6	168.9	191.0	189.6	189.1	172.5	173.9	173.1	142.5	129.0	134.0
4Q2006	150.1	136.9	141.5	157.3	142.0	146.7	194.2	205.9	193.4	176.8	157.0	162.9	140.2	125.0	130.9
1Q2007	150.6	138.9	142.8	155.2	145.6	148.2	198.8	208.3	197.6	184.2	158.4	166.6	140.9	124.8	131.1
2Q2007	155.9	156.6	155.5	166.3	174.0	170.0	203.2	207.8	201.7	183.6	166.6	172.4	139.0	128.6	132.4
3Q2007	157.9	156.0	156.0	171.6	169.0	168.8	201.6	210.7	200.3	167.9	178.4	174.0	142.7	129.6	134.6
4Q2007	167.7	156.4	159.9	188.4	175.9	179.1	205.4	234.8	205.0	180.5	160.9	167.2	143.0	127.7	133.5
1Q2008	177.3	160.9	166.2	200.0	183.4	188.0	217.8	245.2	215.8	200.8	162.5	175.4	145.1	128.8	135.1
2Q2008	..	..	..	219.9	201.2	206.1	..	..	..	..	..	..	..	..	..

I = Industrial index, including prices for automotive diesel oil for oil products.

H = Households index, including prices for gasoline for oil products.

B = Weighted average index of both industry and households.

Note: Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 9**  
**OECD Europe - Indices of Nominal Energy Prices for End-Users**

2000 = 100

	Total Energy			Oil Products			Coal			Natural Gas			Electricity		
	I	H	B	I	H	B	I	H	B	I	H	B	I	H	B
1987	60.8	56.2	56.6	45.2	51.8	49.3	56.4	20.6	40.4	69.8	70.0	68.2	99.8	77.3	83.9
1988	59.3	56.0	56.0	43.8	50.8	48.2	55.4	19.1	40.7	63.3	69.8	65.9	101.5	79.5	86.1
1989	62.2	60.0	59.7	47.7	55.8	52.7	60.1	18.7	44.0	64.9	71.5	67.7	102.8	81.7	88.1
1990	67.7	65.5	65.2	53.8	60.1	57.7	64.4	26.7	50.9	71.0	77.7	73.8	107.1	85.6	92.2
1991	72.9	69.9	70.3	58.9	64.1	62.1	69.9	32.8	55.4	77.4	85.8	82.0	112.5	88.6	96.5
1992	73.2	71.3	71.4	58.9	64.6	62.5	70.3	35.9	58.3	75.4	86.5	81.7	114.2	91.9	99.2
1993	75.3	74.1	74.0	62.1	67.5	65.5	70.5	44.6	61.1	76.6	85.0	81.4	116.1	94.5	101.4
1994	76.9	76.9	76.4	64.5	69.7	67.7	77.6	51.9	68.7	77.7	87.8	83.7	114.2	97.4	102.6
1995	77.8	78.9	78.0	65.5	71.6	69.3	78.4	56.5	72.2	78.3	87.8	84.2	113.3	99.6	103.6
1996	80.9	82.3	81.3	71.7	76.1	74.3	79.1	68.9	76.6	76.9	88.6	84.9	110.4	100.2	102.9
1997	83.6	85.2	84.3	74.9	79.4	77.7	86.4	78.7	84.9	83.7	93.3	90.2	108.3	99.7	102.1
1998	81.7	84.6	83.3	72.1	76.9	75.2	91.0	86.3	89.9	81.0	94.2	90.0	107.0	99.9	102.0
1999	85.0	88.7	87.2	79.4	83.4	81.9	89.1	90.7	89.9	80.1	93.5	89.0	102.1	99.3	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	105.1	102.0	103.5	100.8	98.3	99.5	117.8	112.8	115.7	114.3	108.1	109.5	111.7	107.4	109.4
2002	108.9	104.2	106.6	104.0	98.4	101.3	129.6	133.6	129.5	113.4	112.3	111.8	119.1	111.8	115.2
2003	116.0	108.8	112.4	110.6	101.5	106.3	132.6	142.9	133.4	121.6	117.0	117.5	128.6	117.8	122.9
2004	123.3	113.9	118.5	119.5	108.3	114.2	171.1	164.2	163.1	124.3	119.2	119.5	132.5	119.6	125.3
2005	141.0	125.8	133.0	140.5	122.3	131.9	188.3	174.3	177.9	151.0	134.5	137.1	144.2	124.5	132.7
2006	154.1	136.7	144.8	151.2	130.7	141.4	190.7	190.6	185.5	185.5	159.7	164.2	160.7	134.1	145.0
2007	155.9	141.1	148.0	153.5	133.3	143.9	204.0	215.4	200.6	180.8	171.0	170.7	160.9	137.1	146.9
1Q2003	119.7	110.7	115.1	115.9	105.0	110.5	131.4	138.1	131.9	123.9	116.8	118.0	130.4	119.2	124.6
2Q2003	114.2	108.0	111.3	109.1	100.3	105.0	129.4	140.6	130.7	121.9	117.8	118.3	125.3	116.7	120.8
3Q2003	113.7	108.7	111.4	108.5	101.4	105.2	132.6	144.2	133.4	116.9	118.8	117.5	126.1	116.7	121.1
4Q2003	115.2	107.3	111.2	108.8	99.4	104.3	137.1	148.7	137.7	121.4	115.3	116.1	130.0	117.3	123.0
1Q2004	117.1	109.3	113.2	110.2	101.1	106.0	148.0	160.7	146.4	122.0	116.0	116.6	132.9	119.1	125.1
2Q2004	120.7	113.5	117.2	116.2	108.1	112.5	169.8	158.3	161.0	118.7	118.3	117.3	131.0	119.4	124.5
3Q2004	124.7	115.8	120.2	121.6	111.5	116.9	181.2	167.0	169.9	123.1	120.4	120.1	131.9	119.9	125.1
4Q2004	130.7	116.9	123.5	129.9	112.2	121.4	184.3	170.7	174.1	131.4	122.8	123.7	134.0	120.2	126.1
1Q2005	131.7	118.4	124.7	128.1	110.7	119.9	183.8	170.5	173.0	142.5	128.2	130.4	141.0	123.3	130.6
2Q2005	137.9	124.2	130.6	137.9	120.2	129.6	187.7	169.9	175.5	139.3	131.1	131.8	141.8	124.7	131.6
3Q2005	145.1	130.8	137.6	147.9	130.7	139.8	193.6	178.1	182.4	147.1	136.5	137.9	142.7	125.4	132.4
4Q2005	147.8	130.3	138.5	148.2	127.8	138.4	187.8	178.7	180.5	172.6	142.6	148.3	147.6	125.8	134.8
1Q2006	150.7	131.6	140.5	147.5	126.5	137.4	190.7	184.2	183.1	191.2	148.4	157.4	156.5	129.9	140.6
2Q2006	154.9	139.1	146.6	154.8	136.3	146.0	186.9	182.8	181.4	179.5	157.7	161.5	156.6	133.3	142.7
3Q2006	156.5	141.1	148.3	156.2	136.7	147.0	189.8	189.6	184.4	179.3	164.9	166.5	159.9	135.4	145.3
4Q2006	151.9	135.0	142.8	146.2	123.2	135.2	195.7	205.9	193.2	186.4	169.5	171.0	163.7	137.6	148.3
1Q2007	150.3	136.4	142.9	143.2	123.2	133.7	200.9	208.3	197.0	184.6	174.2	173.6	163.5	138.8	149.1
2Q2007	152.8	141.7	146.9	150.5	134.4	143.1	200.6	207.8	196.3	172.2	172.1	169.3	158.2	136.5	145.3
3Q2007	155.6	141.8	148.3	154.6	135.7	145.7	201.7	210.7	198.0	174.4	169.6	168.2	157.5	135.6	144.7
4Q2007	164.9	144.4	153.9	165.9	140.0	153.4	213.8	234.8	211.3	188.1	168.7	171.2	164.1	137.1	148.2
1Q2008	172.3	150.4	160.5	173.2	144.4	159.2	242.0	245.2	232.3	200.4	178.4	181.4	169.0	144.2	154.6
2Q2008	..	..	..	185.3	151.8	168.9	..	..	..	..	..	..	..	..	..

I = Industrial index, including prices for automotive diesel oil for oil products.

H = Households index, including prices for gasoline for oil products.

B = Weighted average index of both industry and households.

Note: Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 10**  
**USA - Indices of Nominal Energy Prices for End-Users**

2000 = 100

	Total Energy			Oil Products			Coal			Natural Gas			Electricity		
	I	H	B	I	H	B	I	H	B	I	H	B	I	H	B
1987	80.4	71.1	73.6	65.8	63.8	64.1	105.5	..	105.5	66.2	66.4	66.3	102.6	90.4	94.5
1988	77.1	71.3	72.9	58.8	63.7	62.7	106.3	..	106.3	66.7	65.6	66.0	100.4	91.3	94.4
1989	81.1	75.2	76.8	67.7	68.9	68.6	105.5	..	105.5	65.8	67.5	66.9	102.0	93.2	96.2
1990	88.4	82.5	84.1	85.5	78.4	79.8	106.7	..	106.7	65.2	72.7	69.8	103.3	95.7	98.3
1991	86.4	82.5	83.6	77.8	76.7	76.9	107.5	..	107.5	59.1	74.0	68.5	105.7	98.3	100.9
1992	85.2	81.9	82.9	73.5	75.8	75.3	105.8	..	105.8	62.2	70.7	67.7	105.2	100.7	102.4
1993	85.4	82.2	83.1	72.4	74.6	74.2	104.8	..	104.8	66.6	73.8	71.2	105.7	101.7	103.1
1994	84.1	81.5	82.2	72.3	72.3	72.3	103.8	..	103.8	66.6	76.7	73.0	102.6	102.4	102.5
1995	82.1	82.8	82.6	72.8	74.6	74.2	104.7	..	104.7	59.0	76.0	69.6	101.3	102.6	102.1
1996	88.2	88.0	88.1	81.8	82.3	82.2	104.5	..	104.5	75.5	82.2	79.8	100.0	102.3	101.5
1997	87.0	87.3	87.3	78.8	80.6	80.2	104.6	..	104.6	79.6	83.0	81.7	98.5	102.8	101.3
1998	80.2	80.2	80.2	68.0	69.3	69.0	102.7	..	102.7	69.6	81.6	76.6	97.4	100.7	99.6
1999	78.0	83.6	82.0	73.9	76.3	75.8	101.4	..	101.4	69.4	80.0	75.9	85.4	99.5	94.5
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	..	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	103.5	100.5	101.4	93.3	95.7	95.2	104.0	..	104.0	116.2	114.8	115.4	108.7	103.7	105.3
2002	94.3	94.9	94.7	87.7	90.5	89.8	110.2	..	110.2	90.3	94.5	92.8	104.3	103.1	103.5
2003	110.4	106.5	107.6	101.2	105.1	104.2	110.5	..	110.5	130.9	113.7	120.2	111.5	106.1	107.7
2004	124.5	120.3	121.5	121.7	124.5	123.8	129.9	..	129.9	147.4	128.4	135.8	114.5	109.4	110.9
2005	155.7	140.9	145.0	163.0	153.1	155.6	165.9	..	165.9	190.2	153.1	166.9	124.7	115.2	117.8
2006	166.6	157.3	159.9	183.9	173.3	176.0	174.9	..	174.9	176.6	164.3	168.9	133.9	126.9	128.8
2007	173.7	165.9	168.1	197.4	188.9	191.0	189.7	..	189.7	170.3	155.4	160.9	138.3	129.7	132.1
1Q2003	115.0	104.0	107.1	109.2	107.3	107.7	107.5	..	107.5	147.7	102.9	119.8	104.2	98.6	100.2
2Q2003	108.2	108.0	108.0	98.0	102.8	101.6	110.8	..	110.8	133.6	126.4	129.1	107.6	110.0	109.3
3Q2003	107.2	113.7	111.9	97.7	107.4	105.1	110.5	..	110.5	120.9	149.1	138.4	112.9	110.8	111.4
4Q2003	105.1	104.9	104.9	99.6	102.3	101.6	113.3	..	113.3	117.9	115.6	116.5	105.2	105.3	105.3
1Q2004	114.2	109.2	110.6	106.7	111.3	110.2	118.0	..	118.0	145.0	117.5	128.2	106.6	102.1	103.4
2Q2004	119.6	123.8	122.6	115.1	128.4	125.1	127.9	..	127.9	144.8	135.6	139.2	110.6	110.9	110.8
3Q2004	124.8	127.1	126.4	123.6	126.8	126.0	133.0	..	133.0	139.0	161.5	152.8	117.6	114.6	115.4
4Q2004	134.9	124.1	127.1	141.6	131.1	133.7	140.8	..	140.8	160.3	134.9	144.7	109.3	107.0	107.7
1Q2005	135.5	123.2	126.6	140.3	131.3	133.6	163.3	..	163.3	157.6	131.2	141.0	114.4	106.2	108.4
2Q2005	144.8	137.9	139.8	153.8	147.5	149.1	167.3	..	167.3	162.0	150.8	154.9	120.3	116.5	117.5
3Q2005	164.3	157.6	159.5	175.1	172.6	173.2	170.1	..	170.1	188.3	188.1	188.1	134.1	120.5	124.2
4Q2005	179.8	149.6	158.0	183.7	161.6	167.2	168.4	..	168.4	260.9	182.8	211.9	129.0	116.7	120.1
1Q2006	164.9	146.8	151.9	171.2	158.6	161.8	180.9	..	180.9	212.7	168.2	184.8	127.8	118.7	121.2
2Q2006	169.9	168.7	169.0	194.0	191.6	192.2	182.6	..	182.6	168.2	167.1	167.5	133.0	129.5	130.5
3Q2006	173.5	172.1	172.5	198.3	190.6	192.6	183.5	..	183.5	159.7	189.7	178.5	142.3	133.5	135.9
4Q2006	158.6	143.6	147.8	173.8	153.6	158.7	184.6	..	184.6	162.4	149.5	154.3	131.9	124.1	126.3
1Q2007	161.8	146.4	150.7	173.0	160.0	163.3	188.9	..	188.9	179.1	147.0	159.0	133.5	122.4	125.5
2Q2007	172.6	176.2	175.2	191.9	202.8	200.1	188.8	..	188.8	181.3	169.4	173.8	137.0	132.3	133.6
3Q2007	173.1	174.1	173.8	198.6	192.4	194.0	189.4	..	189.4	151.4	196.1	179.5	145.0	134.4	137.3
4Q2007	187.1	172.2	176.3	226.1	201.3	207.6	191.8	..	191.8	168.5	151.2	157.6	137.1	129.1	131.3
1Q2008	201.4	176.4	183.4	243.9	211.0	219.3	196.4	..	196.4	200.8	151.4	169.8	136.6	125.3	128.4
2Q2008	..	..	..	285.3	239.1	250.8	..	..	..	..	..	..	..	..	..

I = Industrial index, including prices for automotive diesel oil for oil products.

H = Households index, including prices for gasoline for oil products.

B = Weighted average index of both industry and households.

Note: Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 11**  
**JAPAN - Indices of Nominal Energy Prices for End-Users**

2000 = 100

	Total Energy			Oil Products			Coal			Natural Gas			Electricity		
	I	H	B	I	H	B	I	H	B	I	H	B	I	H	B
1987	126.1	113.8	119.5	109.3	113.8	112.4	179.1	..	179.1	146.9	93.6	103.2	128.2	117.9	123.8
1988	118.2	108.8	113.2	102.7	106.8	105.5	161.7	..	161.7	125.6	89.8	96.3	121.1	114.8	118.4
1989	115.7	108.3	111.7	102.3	107.2	105.6	186.5	..	186.5	127.2	97.9	103.3	115.9	111.8	114.2
1990	118.9	111.2	114.7	114.9	114.6	114.7	202.6	..	202.6	122.4	98.2	101.3	114.6	110.9	113.0
1991	120.1	112.7	116.0	120.9	117.4	118.6	184.4	..	184.4	117.0	98.0	100.5	115.3	111.4	113.5
1992	118.1	111.3	114.3	115.4	114.6	114.9	165.7	..	165.7	113.2	97.4	99.5	116.6	111.4	114.1
1993	117.2	110.1	113.1	114.7	112.8	113.5	143.2	..	143.2	105.9	96.0	97.3	117.2	110.9	114.2
1994	114.5	110.0	111.9	115.8	112.8	113.8	121.0	..	121.0	97.6	95.8	96.1	114.0	110.5	112.3
1995	104.6	105.6	105.2	89.1	104.1	98.8	117.9	..	117.9	94.6	95.2	95.1	112.8	109.8	111.3
1996	106.5	103.8	104.9	95.8	100.1	98.7	140.3	..	140.3	94.3	100.9	99.9	110.8	108.5	109.7
1997	111.3	105.4	107.9	100.9	101.0	100.9	153.5	..	153.5	114.9	111.7	112.2	114.2	108.7	111.5
1998	106.0	99.9	102.3	96.4	94.1	94.8	154.0	..	154.0	95.5	100.3	99.6	108.9	105.9	107.4
1999	101.7	99.2	100.2	94.7	94.2	94.3	114.4	..	114.4	90.1	97.7	96.7	105.2	104.9	105.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	..	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	101.9	100.3	100.9	103.6	101.4	102.0	118.0	..	118.0	101.2	101.7	101.7	100.1	98.7	99.4
2002	96.8	97.3	97.1	101.0	99.9	100.2	124.8	..	124.8	91.7	97.6	96.7	93.2	94.6	93.9
2003	96.4	98.0	97.4	105.6	102.2	103.2	113.8	..	113.8	91.4	99.3	98.1	91.3	93.3	92.3
2004	98.8	100.1	99.6	113.9	108.2	109.8	152.2	..	152.2	87.0	98.5	96.6	89.1	91.9	90.6
2005	107.4	103.8	105.1	137.5	121.3	125.8	222.6	..	222.6	90.6	98.3	97.0	87.5	90.1	89.0
2006	115.6	110.2	112.1	159.8	135.8	142.4	242.0	..	242.0	103.8	103.3	103.4	88.2	89.8	89.1
2007	117.9	111.5	113.7	166.1	137.8	145.6	239.4	..	239.4	104.8	104.3	104.4	89.0	90.6	89.9
1Q2003	96.7	97.8	97.4	106.2	101.6	102.9	117.4	..	117.4	91.4	99.3	98.1	91.3	93.3	92.3
2Q2003	97.4	99.0	98.4	108.3	104.4	105.5	116.8	..	116.8	91.4	99.3	98.1	91.3	93.3	92.3
3Q2003	96.0	98.0	97.2	104.3	102.1	102.7	113.5	..	113.5	91.4	99.3	98.1	91.3	93.3	92.3
4Q2003	95.6	97.4	96.7	103.8	100.9	101.7	107.6	..	107.6	91.4	99.3	98.1	91.3	93.3	92.3
1Q2004	95.1	96.7	96.1	105.8	100.8	102.2	117.5	..	117.5	87.0	98.5	96.6	89.1	91.9	90.6
2Q2004	98.4	98.6	98.5	110.1	104.9	106.4	171.1	..	171.1	87.0	98.5	96.6	89.1	91.9	90.6
3Q2004	99.9	101.7	101.0	116.4	111.7	113.0	160.9	..	160.9	87.0	98.5	96.6	89.1	91.9	90.6
4Q2004	101.9	103.3	102.8	123.4	115.3	117.6	159.1	..	159.1	87.0	98.5	96.6	89.1	91.9	90.6
1Q2005	100.9	100.3	100.6	123.2	112.9	115.7	162.7	..	162.7	90.6	98.3	97.0	87.5	90.1	89.0
2Q2005	106.6	103.2	104.4	135.8	119.7	124.2	213.6	..	213.6	90.6	98.3	97.0	87.5	90.1	89.0
3Q2005	109.7	105.5	107.0	142.5	125.2	130.0	244.8	..	244.8	90.6	98.3	97.0	87.5	90.1	89.0
4Q2005	112.4	106.3	108.5	148.5	127.3	133.1	269.1	..	269.1	90.6	98.3	97.0	87.5	90.1	89.0
1Q2006	114.3	107.2	109.7	153.3	128.6	135.4	257.2	..	257.2	103.8	103.3	103.4	88.2	89.8	89.1
2Q2006	116.2	109.1	111.5	160.8	133.0	140.7	249.6	..	249.6	103.8	103.3	103.4	88.2	89.8	89.1
3Q2006	117.0	114.6	115.5	166.3	146.5	151.9	229.2	..	229.2	103.8	103.3	103.4	88.2	89.8	89.1
4Q2006	114.9	109.9	111.7	158.7	135.1	141.6	233.0	..	233.0	103.8	103.3	103.4	88.2	89.8	89.1
1Q2007	114.0	107.5	109.8	152.7	127.9	134.7	236.4	..	236.4	104.4	103.9	104.0	89.3	90.9	90.2
2Q2007	116.3	109.1	111.6	160.6	132.4	140.2	246.3	..	246.3	104.5	104.0	104.1	88.7	90.3	89.7
3Q2007	118.7	112.9	114.9	170.0	141.7	149.5	238.3	..	238.3	104.5	104.0	104.1	88.6	90.2	89.5
4Q2007	122.7	116.5	118.7	181.8	149.1	158.1	236.6	..	236.6	105.9	105.4	105.5	89.4	91.1	90.4
1Q2008	127.2	118.9	121.8	194.7	153.0	164.5	237.4	..	237.4	108.7	108.2	108.3	90.4	92.0	91.4
2Q2008	..	..	..	194.0	146.6	159.7	..	..	..	..	..	..	..	..	..

I = Industrial index, including prices for automotive diesel oil for oil products.

H = Households index, including prices for gasoline for oil products.

B = Weighted average index of both industry and households.

Note: Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.



**Table 12**  
**OECD Countries - Indices of Nominal Energy Prices for Industry (Total Energy)**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	3Q2007	4Q2007	1Q2008
Australia	91.0	100.0	105.5	107.3	105.2	109.3	123.6	136.5	136.3	136.0	140.6	161.9
Austria	91.9	100.0	98.4	96.0	98.4	114.6	124.4	134.9	142.2	144.6	150.5	138.2
Belgium	85.3	100.0	99.9	98.2	100.8	115.4	129.4	136.5	138.3	137.5	149.6	160.2
Canada	88.1	100.0	109.4	108.0	124.9	126.5	144.9	142.3	141.2	141.3	144.6	147.9
Czech Republic	85.7	100.0	98.4	92.9	93.1	102.7	117.8	127.2	128.0	128.0	135.3	141.6
Denmark	83.2	100.0	100.0	101.4	104.1	103.1	109.4	115.3	116.3	116.8	123.6	129.1
Finland	90.4	100.0	99.1	99.8	114.2	117.8	125.8	134.4	133.5	132.0	142.4	152.2
France	83.5	100.0	97.1	93.6	96.7	104.8	120.8	129.4	129.3	129.9	138.2	144.6
Germany	88.7	100.0	104.2	106.9	114.7	121.3	136.8	147.1	150.4	150.9	158.6	161.9
Greece	78.9	100.0	98.8	96.2	99.0	108.8	127.4	139.9	139.8	142.3	148.9	150.6
Hungary	84.3	100.0	101.3	101.1	112.6	117.6	133.5	153.8	157.3	158.5	165.0	176.4
Ireland	87.3	100.0	105.4	107.7	109.8	114.4	133.1	146.3	147.8	149.3	150.9	159.5
Italy	84.9	100.0	108.8	108.6	114.4	118.5	135.0	152.5	154.4	154.1	160.7	167.8
Japan	101.7	100.0	101.9	96.8	96.4	98.8	107.4	115.6	117.9	118.7	122.7	127.2
Korea	86.5	100.0	105.0	105.6	114.9	125.0	138.3	152.0	158.1	163.2	168.7	175.9
Luxembourg	83.9	100.0	99.0	95.8	98.2	101.6	125.7	135.4	139.4	139.5	148.7	156.1
Mexico	78.8	100.0	104.3	107.2	134.7	168.6	182.2	195.6	203.5	201.3	213.7	224.3
Netherlands	81.0	100.0	101.0	96.8	100.4	106.9	120.8	129.7	132.0	131.8	136.6	134.4
New Zealand	85.2	100.0	102.7	100.2	104.3	111.4	131.6	155.2	148.7	150.2	161.6	166.0
Norway	91.5	100.0	105.5	104.9	121.6	117.7	123.3	139.6	126.0	111.8	146.7	149.2
Poland	80.5	100.0	107.9	111.0	119.4	133.1	146.2	150.2	152.5	151.0	162.3	173.6
Portugal	86.4	100.0	101.8	98.6	105.6	113.9	131.6	146.9	153.5	154.9	162.6	167.7
Slovak Republic	86.6	100.0	103.0	102.4	120.8	127.6	136.5	150.9	153.7	153.2	159.1	170.5
Spain	82.6	100.0	99.5	100.4	99.5	105.3	129.2	142.0	139.6	140.5	147.2	154.3
Sweden	83.0	100.0	105.7	104.5	108.8	114.0	129.8	139.8	139.4	137.9	145.7	156.6
Switzerland	96.1	100.0	98.5	92.7	93.1	96.9	106.5	113.4	115.9	116.5	122.3	125.5
Turkey	60.1	100.0	181.3	272.1	313.7	325.1	383.5	426.3	444.3	445.1	467.0	500.5
United Kingdom	92.4	100.0	98.8	96.0	98.2	104.1	122.6	138.9	138.8	135.1	148.3	158.5
United States	78.0	100.0	103.5	94.3	110.4	124.5	155.7	166.6	173.7	173.1	187.1	201.4
OECD Europe	85.0	100.0	105.1	108.9	116.0	123.3	141.0	154.1	155.9	155.6	164.9	172.3
OECD Total	84.7	100.0	104.4	102.3	112.7	122.3	143.1	154.3	158.0	157.9	167.7	177.3

Note: Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 13**  
**OECD Countries - Indices of Nominal Energy Prices for Households (Total Energy)**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	3Q2007	4Q2007	1Q2008
Australia	84.9	100.0	102.0	101.1	105.3	113.8	128.8	142.0	142.9	142.7	151.9	159.8
Austria	88.7	100.0	99.4	98.2	101.2	109.3	118.3	124.1	130.7	132.7	136.9	139.4
Belgium	85.8	100.0	101.6	98.0	98.7	105.5	116.6	125.5	126.4	124.8	132.8	143.5
Canada	90.2	100.0	105.3	103.2	110.8	117.6	130.7	137.8	141.5	143.9	145.2	146.4
Czech Republic	81.0	100.0	100.3	97.3	96.4	101.6	108.2	117.1	118.2	120.5	121.9	127.4
Denmark	86.6	100.0	99.8	99.7	101.3	103.7	112.5	120.3	119.4	118.4	124.7	130.7
Finland	89.7	100.0	98.8	98.2	103.7	106.8	111.8	118.6	120.8	122.4	123.2	132.7
France	91.5	100.0	98.7	97.6	99.1	102.4	110.2	117.7	119.6	120.2	122.7	126.4
Germany	88.9	100.0	100.7	102.4	107.5	112.2	124.0	131.5	136.3	137.9	140.8	144.9
Greece	81.9	100.0	99.5	95.9	99.3	108.4	121.7	133.9	127.4	132.1	133.5	133.2
Hungary	86.8	100.0	99.3	101.1	111.4	114.0	122.8	135.3	165.8	173.0	166.9	184.0
Ireland	88.9	100.0	98.8	98.1	104.4	113.2	126.6	136.1	141.9	152.7	140.5	141.2
Italy	91.7	100.0	100.8	101.1	102.2	104.3	111.7	121.8	123.6	123.7	125.9	130.2
Japan	99.2	100.0	100.3	97.3	98.0	100.1	103.8	110.2	111.5	112.9	116.5	118.9
Korea	94.8	100.0	103.9	100.5	104.4	110.1	115.3	122.1	125.9	131.7	131.9	133.2
Luxembourg	81.3	100.0	97.0	93.8	95.8	107.5	127.6	136.2	140.7	141.8	146.7	151.9
Mexico	89.6	100.0	108.1	116.8	120.2	125.2	131.5	137.0	140.5	140.3	142.6	145.8
Netherlands	87.3	100.0	106.9	109.4	114.7	120.8	133.2	143.4	148.0	147.2	147.6	146.0
New Zealand	86.2	100.0	100.6	102.1	106.7	118.5	131.1	148.4	153.4	152.6	161.4	166.3
Norway	91.4	100.0	107.8	103.5	124.2	120.6	126.2	148.0	129.2	121.3	134.9	147.0
Poland	79.8	100.0	105.1	108.9	114.0	122.5	130.0	135.6	142.7	148.1	145.2	145.1
Portugal	95.7	100.0	103.8	102.2	109.4	114.8	122.8	132.1	137.9	139.1	139.6	141.6
Slovak Republic	73.0	100.0	107.0	103.1	123.7	146.3	154.1	171.9	168.8	171.4	168.5	171.2
Spain	93.2	100.0	97.6	97.1	97.5	100.9	108.0	115.7	118.8	119.9	122.1	125.6
Sweden	88.8	100.0	103.1	103.0	109.4	114.6	123.9	131.6	132.8	131.9	135.6	142.6
Switzerland	86.4	100.0	97.3	93.0	94.0	99.1	109.5	116.6	119.0	120.7	125.2	128.7
Turkey	63.0	100.0	179.2	260.0	295.4	304.5	359.9	391.9	411.1	410.3	420.6	454.3
United Kingdom	93.0	100.0	97.2	96.5	99.3	105.4	115.6	133.3	140.7	139.2	142.1	151.2
United States	83.6	100.0	100.5	94.9	106.5	120.3	140.9	157.3	165.9	174.1	172.2	176.4
OECD Europe	88.7	100.0	102.0	104.2	108.8	113.9	125.8	136.7	141.1	141.8	144.4	150.4
OECD Total	87.0	100.0	101.4	99.0	107.1	116.6	132.1	145.1	151.3	156.0	156.4	160.9

Note: Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 14**  
**OECD Countries - Indices of Nominal Energy Prices for Households and Industry (Total Energy)**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	3Q2007	4Q2007	1Q2008
Australia	87.0	100.0	103.3	103.3	105.3	112.2	127.0	140.1	140.6	140.3	148.0	160.2
Austria	90.0	100.0	98.9	97.2	99.9	111.9	121.4	129.5	136.4	138.6	143.7	138.9
Belgium	85.6	100.0	100.9	98.1	99.6	109.9	122.4	130.4	131.8	130.5	140.3	151.0
Canada	89.4	100.0	106.7	104.9	115.7	120.8	135.8	139.4	141.4	142.9	145.0	147.0
Czech Republic	83.3	100.0	99.4	95.1	94.7	102.1	113.4	122.5	123.4	124.6	129.1	135.0
Denmark	85.7	100.0	99.9	100.2	102.1	103.5	111.5	118.7	118.4	117.9	124.3	130.2
Finland	90.0	100.0	98.9	98.9	108.7	112.0	118.3	125.9	126.7	126.8	132.1	141.8
France	88.1	100.0	98.0	95.8	98.0	103.5	115.0	123.1	124.0	124.6	129.8	134.7
Germany	88.8	100.0	101.9	104.0	110.0	115.4	128.5	137.0	141.2	142.5	147.1	150.9
Greece	81.0	100.0	99.3	96.0	99.2	108.5	123.2	135.5	130.7	134.8	137.6	137.8
Hungary	85.9	100.0	100.1	101.1	111.9	115.5	127.6	143.6	161.9	166.5	166.1	180.6
Ireland	88.2	100.0	101.6	102.3	106.7	113.7	129.4	140.6	144.5	151.2	145.1	149.3
Italy	88.9	100.0	104.2	104.4	107.6	110.8	122.5	136.1	137.9	137.9	142.1	147.7
Japan	100.2	100.0	100.9	97.1	97.4	99.6	105.1	112.1	113.7	114.9	118.7	121.8
Korea	90.9	100.0	104.5	103.0	109.7	117.9	127.2	137.6	142.6	148.1	151.0	155.3
Luxembourg	82.7	100.0	98.1	95.0	97.3	103.7	126.3	135.7	139.8	140.2	148.1	154.8
Mexico	85.4	100.0	106.7	113.3	125.4	140.4	149.5	157.8	162.8	161.9	167.8	173.7
Netherlands	84.8	100.0	104.5	104.3	108.8	115.0	127.9	137.6	141.2	140.6	142.9	141.1
New Zealand	85.8	100.0	101.3	101.4	105.9	116.1	131.3	150.7	151.8	151.8	161.5	166.2
Norway	91.4	100.0	107.0	104.0	123.2	119.4	125.0	144.5	127.9	117.4	139.7	147.9
Poland	80.0	100.0	106.2	109.8	116.3	127.2	137.5	142.3	147.2	149.4	153.1	158.2
Portugal	91.1	100.0	102.8	100.3	107.4	114.3	127.5	140.0	146.2	147.5	151.9	155.5
Slovak Republic	79.7	100.0	105.0	102.7	122.2	136.2	144.2	160.1	160.3	161.2	163.2	170.8
Spain	87.9	100.0	98.6	98.9	98.6	103.4	120.1	130.7	130.6	131.7	136.4	142.0
Sweden	87.0	100.0	103.9	103.5	109.2	114.4	125.9	134.5	135.0	134.0	139.1	147.4
Switzerland	88.8	100.0	97.6	92.9	93.7	98.5	108.6	115.6	118.1	119.4	124.3	127.7
Turkey	61.5	100.0	180.4	267.3	306.9	317.7	374.5	413.1	431.5	431.7	449.2	482.7
United Kingdom	92.8	100.0	97.7	96.3	98.9	104.9	118.3	135.5	140.0	137.6	144.5	154.0
United States	82.0	100.0	101.4	94.7	107.6	121.5	145.0	159.9	168.1	173.8	176.3	183.4
OECD Europe	87.2	100.0	103.5	106.6	112.4	118.5	133.0	144.8	148.0	148.3	153.9	160.5
OECD Total	86.3	100.0	102.6	100.6	109.3	118.6	135.8	148.0	153.1	156.0	159.9	166.2

Note: Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 15**  
**OECD Countries - Consumer Price Index**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	3Q2007	4Q2007	1Q2008
Australia	95.7	100.0	104.4	107.5	110.5	113.1	116.1	120.2	123.0	123.5	124.7	126.3
Austria	97.7	100.0	102.7	104.5	105.9	108.1	110.6	112.2	114.6	114.7	116.1	117.0
Belgium	97.5	100.0	102.5	104.2	105.8	108.0	111.0	113.0	115.1	115.1	116.5	118.4
Canada	97.4	100.0	102.5	104.8	107.7	109.7	112.2	114.4	116.9	117.3	117.3	117.6
Czech Republic	96.2	100.0	104.7	106.6	106.8	109.8	111.8	114.7	118.1	118.6	120.1	124.6
Denmark	97.2	100.0	102.4	104.8	107.0	108.3	110.2	112.3	114.2	114.0	115.2	116.8
Finland	97.0	100.0	102.6	104.2	105.1	105.3	106.0	107.6	110.3	110.6	111.4	113.2
France	98.3	100.0	101.6	103.6	105.8	108.0	109.9	111.7	113.4	113.6	114.6	115.4
Germany	98.6	100.0	102.0	103.4	104.5	106.2	107.9	109.6	112.1	112.4	113.3	114.1
Greece	96.9	100.0	103.4	107.1	110.9	114.1	118.2	122.0	125.5	125.0	128.0	128.6
Hungary	91.1	100.0	109.1	114.9	120.2	128.3	132.9	138.1	149.1	149.7	152.3	155.8
Iceland	95.1	100.0	106.4	111.9	114.2	117.8	122.5	130.7	137.3	138.0	140.8	144.0
Ireland	94.7	100.0	104.9	109.7	113.6	116.1	118.9	123.5	129.6	130.6	131.7	132.9
Italy	97.5	100.0	102.8	105.3	108.1	110.5	112.7	115.1	117.2	117.5	118.3	119.6
Japan	100.7	100.0	99.2	98.4	98.1	98.1	97.8	98.1	98.1	98.2	98.6	98.5
Korea	97.8	100.0	104.1	106.8	110.7	114.7	117.8	120.5	123.5	124.0	124.9	126.6
Luxembourg	96.9	100.0	102.7	104.8	106.9	109.3	112.0	115.0	117.7	117.6	119.3	120.1
Mexico	91.3	100.0	106.4	111.7	116.8	122.3	127.2	131.8	137.0	137.0	139.3	141.2
Netherlands	97.7	100.0	104.2	107.6	109.9	111.2	113.1	114.4	116.3	116.3	116.8	117.7
New Zealand	97.5	100.0	102.6	105.4	107.2	109.7	113.0	116.8	119.6	119.8	121.2	122.0
Norway	97.0	100.0	103.0	104.3	106.9	107.4	109.1	111.6	112.4	111.9	114.2	115.4
Poland	91.0	100.0	105.4	107.4	108.2	111.8	114.3	115.7	118.6	118.4	120.2	122.0
Portugal	97.2	100.0	104.4	108.1	111.6	114.2	116.9	120.5	123.4	123.4	124.6	125.3
Slovak Republic	89.3	100.0	107.3	110.7	120.2	129.2	132.7	138.7	142.5	142.4	144.1	147.1
Spain	96.7	100.0	103.6	106.8	110.0	113.4	117.2	121.3	124.7	124.5	127.2	127.6
Sweden	99.1	100.0	102.4	104.6	106.6	107.0	107.5	109.0	111.4	111.3	113.2	113.4
Switzerland	98.5	100.0	101.0	101.6	102.3	103.1	104.3	105.4	106.2	106.0	107.3	107.6
Turkey	64.6	100.0	154.0	224.0	272.0	296.0	320.0	350.0	381.0	379.0	394.0	405.0
United Kingdom	97.2	100.0	101.8	103.5	106.5	109.7	112.8	116.4	121.3	121.7	123.3	124.0
United States	96.7	100.0	102.8	104.5	106.8	109.7	113.4	117.1	120.4	120.9	121.8	123.2
EU-27	96.7	100.0	103.2	105.8	108.1	110.5	113.1	115.7	118.4	118.5	120.0	121.0
OECD Europe	95.2	100.0	105.0	109.5	112.6	115.2	117.9	120.7	123.8	123.8	125.4	126.6
OECD Total	96.4	100.0	103.4	106.1	108.6	111.1	114.0	116.9	119.8	120.1	121.2	122.3

Source: OECD *Main Economic Indicators*.

Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 16**  
**OECD Countries - Producer Price Index**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	3Q2007	4Q2007	1Q2008
Australia	93.3	100.0	103.1	103.3	103.8	107.9	114.3	123.4	126.3	126.3	128.3	132.3
Austria	96.7	100.0	101.5	101.1	102.8	107.8	110.1	113.3	117.9	119.1	121.7	124.7
Belgium	91.1	100.0	99.5	99.2	98.8	102.9	105.6	110.9	115.9	116.6	119.3	121.0
Canada	95.9	100.0	101.0	101.0	99.7	102.8	104.3	106.8	108.5	107.7	106.4	109.3
Czech Republic	94.6	100.0	102.6	101.3	101.0	107.0	109.1	109.9	113.7	114.5	115.6	116.2
Denmark	96.0	100.0	102.9	103.9	104.0	105.1	108.2	111.6	115.2	115.8	117.2	118.7
Finland	91.2	100.0	98.9	96.6	95.5	95.3	98.0	101.5	105.4	106.2	107.2	109.3
France	98.0	100.0	101.2	101.0	101.3	102.5	104.3	106.9	109.3	109.6	109.7	110.5
Germany	97.0	100.0	101.3	101.5	102.1	103.9	106.8	109.7	112.6	113.0	114.0	115.2
Greece	92.3	100.0	102.9	104.8	106.3	110.2	116.2	123.6	126.9	127.6	131.6	134.3
Hungary	89.3	100.0	104.3	101.7	103.2	105.9	110.9	116.5	115.0	114.9	116.6	118.8
Iceland	..	..	..	..	..	..	..	..	..	..	..	..
Ireland	93.6	100.0	101.7	100.5	92.4	90.2	90.1	90.7	89.2	89.3	87.8	86.9
Italy	94.3	100.0	101.9	102.1	103.7	106.5	110.8	117.0	121.1	121.4	123.5	126.0
Japan	99.8	100.0	97.7	95.6	94.8	95.9	97.8	99.9	101.5	102.0	102.7	103.6
Korea	97.7	100.0	97.9	96.4	98.1	105.5	108.8	112.0	114.9	115.6	117.9	122.1
Luxembourg	95.0	100.0	99.8	99.0	100.4	109.3	118.1	127.2	138.8	139.0	141.4	144.2
Mexico	90.9	100.0	103.3	107.8	115.9	126.7	132.0	140.7	147.3	148.2	150.9	154.4
Netherlands	90.1	100.0	101.0	99.8	100.5	104.7	111.2	116.5	121.2	122.4	125.4	127.8
New Zealand	93.4	100.0	104.8	105.1	103.8	105.8	109.7	114.6	118.4	119.3	122.1	126.0
Norway	90.6	100.0	100.6	97.5	99.2	105.5	112.5	121.5	128.3	128.9	130.1	133.3
Poland	92.9	100.0	99.9	99.9	102.3	109.1	108.8	109.6	111.6	112.7	112.1	112.5
Portugal	86.9	100.0	102.7	103.1	103.5	106.5	110.3	115.3	118.3	118.9	121.1	123.8
Slovak Republic	91.6	100.0	105.9	106.7	109.4	113.2	115.6	118.0	118.4	118.6	119.9	120.8
Spain	94.8	100.0	101.7	102.4	103.9	107.4	112.7	118.7	122.6	123.0	125.1	128.2
Sweden	95.9	100.0	101.5	100.9	99.8	100.7	104.5	108.6	113.2	114.0	113.7	115.3
Switzerland	99.1	100.0	100.5	100.0	100.0	101.2	102.0	104.1	106.6	107.3	107.5	108.6
Turkey	66.0	100.0	162.0	243.0	305.0	338.0	366.0	402.0	427.0	430.0	436.0	452.0
United Kingdom	98.5	100.0	99.7	99.8	101.3	103.8	106.7	109.4	112.6	112.9	114.7	117.4
United States	96.1	100.0	100.8	100.1	102.7	107.1	113.0	117.5	122.0	122.7	124.7	127.6
EU-27	95.7	100.0	101.2	101.5	102.8	105.8	109.5	113.3	116.9	117.5	119.2	121.2
OECD Europe	93.8	100.0	103.4	105.7	107.6	110.7	114.4	118.7	122.4	122.9	124.3	126.4
OECD Total	95.4	100.0	101.6	102.1	103.9	107.6	111.9	116.2	119.8	120.4	121.9	124.3

Source: OECD *Main Economic Indicators*.

Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**Table 17**  
**OECD Countries - CPI Energy**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	3Q2007	4Q2007	1Q2008
Australia	85.8	100.0	102.5	103.3	108.6	115.5	126.9	138.8	140.7	140.0	146.8	154.6
Austria	90.3	100.0	100.5	98.1	99.1	105.4	115.7	122.9	128.0	129.3	134.5	138.0
Belgium	87.4	100.0	100.6	97.4	97.3	103.7	115.7	124.3	124.6	123.2	131.4	140.9
Canada	86.0	100.0	103.2	101.2	109.2	116.6	127.8	134.4	137.5	139.2	138.0	142.2
Czech Republic	87.4	100.0	104.2	104.6	105.6	110.0	117.2	127.4	129.4	130.8	132.1	140.1
Denmark	89.2	100.0	101.5	103.7	104.6	107.0	115.0	121.1	121.5	121.8	123.0	129.0
Finland	88.8	100.0	98.2	97.3	102.0	105.9	113.1	119.7	121.8	123.5	125.4	135.4
France	89.2	100.0	98.4	96.9	99.2	103.9	114.2	121.5	123.8	124.0	129.4	133.2
Germany	87.9	100.0	106.0	106.2	110.4	114.8	126.2	136.9	142.3	143.1	146.3	150.9
Greece	85.4	100.0	98.3	98.1	102.0	107.9	123.2	134.2	137.0	137.5	145.7	152.9
Hungary	85.3	100.0	104.1	106.4	112.8	124.4	133.8	142.6	161.9	163.4	166.0	174.7
Iceland	89.4	100.0	104.1	101.9	103.9	111.7	118.6	128.0	130.1	132.2	136.7	144.2
Ireland	88.0	100.0	97.4	100.8	104.8	113.6	128.0	138.5	144.9	147.1	148.5	150.5
Italy	89.6	100.0	101.8	99.0	102.2	104.4	113.4	122.8	124.1	124.1	127.1	131.8
Japan	96.9	100.0	100.5	98.1	98.2	99.8	103.5	109.6	111.4	112.1	115.5	118.1
Korea	91.3	100.0	107.0	103.6	107.4	113.2	119.1	127.5	131.0	132.1	137.8	141.6
Luxembourg	83.5	100.0	98.4	94.4	96.6	105.5	121.5	133.6	136.7	136.9	143.0	150.0
Mexico	84.9	100.0	108.6	117.4	128.4	138.4	146.9	157.7	163.6	158.4	169.5	174.5
Netherlands	87.1	100.0	107.0	109.5	114.5	120.8	135.2	145.4	150.8	149.7	151.5	154.2
New Zealand	88.4	100.0	99.1	100.5	104.6	115.1	127.1	143.0	146.6	148.2	153.5	157.7
Norway	89.7	100.0	108.2	105.7	126.4	123.1	126.1	148.5	133.4	126.4	146.4	157.0
Poland	88.5	100.0	107.3	112.6	117.3	122.3	128.7	135.8	140.9	141.3	143.7	148.2
Portugal	94.3	100.0	105.1	106.2	111.3	117.3	128.9	139.2	144.1	145.3	147.2	152.4
Slovak Republic	69.9	100.0	113.9	127.7	153.0	174.9	188.6	211.9	213.8	214.3	215.5	219.6
Spain	88.2	100.0	99.0	98.2	99.6	104.4	114.4	123.5	125.6	126.7	130.8	136.1
Sweden	92.7	100.0	107.1	108.6	121.8	125.5	132.2	142.3	142.6	140.5	145.1	152.5
Switzerland	84.9	100.0	98.8	93.9	95.0	99.4	109.8	117.6	119.7	121.0	126.3	130.8
Turkey	64.0	100.0	192.0	280.0	331.0	347.0	397.0	442.0	470.0	467.0	487.0	528.0
United Kingdom	93.4	100.0	97.3	96.5	99.1	105.3	116.9	134.1	141.3	139.8	143.8	153.2
United States	85.6	100.0	103.8	97.6	109.5	121.5	142.1	158.0	166.7	170.2	172.3	179.0
EU-27	88.8	100.0	102.8	104.4	108.5	114.4	125.7	136.3	140.9	141.3	145.1	150.7
OECD Europe	87.1	100.0	105.9	108.7	113.2	118.4	130.1	141.8	146.2	146.2	150.8	157.3
OECD Total	87.4	100.0	104.4	103.1	110.6	118.5	132.6	145.0	150.8	152.2	155.8	161.7

Source: OECD *Main Economic Indicators*.

Please refer to General Note on Definitions, Methods and Sources at the beginning of Part II.

**B. ENERGY END-USE PRICES,  
TAXES AND PRICE INDICES  
IN NATIONAL CURRENCIES**

## AUSTRALIA

Table 1 - Average Prices and Taxes in Australian Dollars

High Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	0.308	0.420	-	0.420	0.728
1998	..	..	..	..	..	0.242	0.430	-	0.430	0.672
1999	..	..	..	..	..	0.270	0.436	-	0.436	0.706
2000	..	..	..	..	..	0.440	0.411	0.043	0.454	0.894
2001	..	..	..	..	..	0.441	0.381	0.082	0.463	0.904
2002	..	..	..	..	..	0.403	0.381	0.078	0.459	0.862
2003	..	..	..	..	..	0.446	0.381	0.083	0.464	0.911
2004	..	..	..	..	..	0.528	0.381	0.091	0.472	1.000
2005	..	..	..	..	..	0.708	0.381	0.109	0.490	1.198
2006	..	..	..	..	..	0.843	0.381	0.122	0.503	1.346
2007	..	..	..	..	..	0.807	0.381	0.119	0.500	1.306
2Q2007	..	..	..	..	..	0.804	0.381	0.118	0.499	1.303
3Q2007	..	..	..	..	..	0.803	0.381	0.118	0.499	1.302
4Q2007	..	..	..	..	..	0.893	0.381	0.127	0.508	1.401
1Q2008	..	..	..	..	..	0.960	0.381	0.134	0.515	1.475
2Q2008	..	..	..	..	..	..	..	..	..	..



## AUSTRALIA

Table 2 - Average Prices and Taxes in Australian Dollars

Premium Unleaded (95 RON) Gasoline (per litre)						Regular Unleaded (91 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	0.308	0.422	-	0.422	0.730
1998	..	..	..	..	..	0.254	0.430	-	0.430	0.684
1999	..	..	..	..	..	0.276	0.430	-	0.430	0.706
2000	..	..	..	..	..	0.432	0.411	0.042	0.453	0.885
2001	..	..	..	..	..	0.412	0.381	0.079	0.460	0.872
2002	..	..	..	..	..	0.398	0.381	0.078	0.459	0.857
2003	..	..	..	..	..	0.432	0.381	0.081	0.462	0.894
2004	..	..	..	..	..	0.505	0.381	0.089	0.470	0.975
2005	..	..	..	..	..	0.637	0.381	0.102	0.483	1.120
2006	0.826	0.381	0.121	0.502	1.328	0.747	0.381	0.113	0.494	1.241
2007	0.792	0.381	0.117	0.498	1.290	0.725	0.381	0.110	0.491	1.216
2Q2007	0.765	0.381	0.115	0.496	1.261	0.693	0.381	0.107	0.488	1.181
3Q2007	0.792	0.381	0.117	0.498	1.290	0.725	0.381	0.111	0.492	1.217
4Q2007	0.874	0.381	0.125	0.506	1.380	0.807	0.381	0.119	0.500	1.307
1Q2008	0.941	0.381	0.132	0.513	1.454	0.868	0.381	0.125	0.506	1.374
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	183.00
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	0.518	-	0.052	0.052	0.570	..	..	..	..	..
2007	0.495	-	0.050	0.050	0.545	..	..	..	..	..
2Q2007	0.506	-	0.051	0.051	0.557	..	..	..	..	..
3Q2007	0.465	-	0.047	0.047	0.512	..	..	..	..	..
4Q2007	0.548	-	0.054	0.054	0.602	..	..	..	..	..
1Q2008	0.620	-	0.062	0.062	0.682	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	448.00
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## AUSTRALIA

Table 3 - Average Prices and Taxes in Australian Dollars

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	0.0764	-	-	-	0.0764	0.1079	-	-	-	0.1079
1998	0.0753	-	-	-	0.0753	0.1091	-	-	-	0.1091
1999	0.0781	-	-	-	0.0781	0.1085	-	-	-	0.1085
2000	0.0780	-	-	-	0.0780	0.1091	-	-	-	0.1091
2001	0.0850	-	-	-	0.0850	0.1105	-	0.0111	0.0111	0.1216
2002	0.0898	-	-	-	0.0898	0.1115	-	0.0111	0.0111	0.1226
2003	0.0831	-	-	-	0.0831	0.1154	-	0.0115	0.0115	0.1269
2004	0.0828	-	-	-	0.0828	0.1216	-	0.0122	0.0122	0.1338
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

# AUSTRALIA

## GENERAL NOTES

See individual products for details.

**General Sales Tax (GST):** From 1 July 2000 onwards, a sales tax of 10% applies.

**Excise Tax:** From 1 July 2001 onwards, excise for all eligible activities is refunded, based on Governmental decision. Therefore the declared rate is the same as the excise rate for all activities. 'Eligible activities' refers to excise relief for businesses using fuel in off-road applications such as manufacturing, quarrying, farming and construction, and also includes relief in the commercial generation of electricity for domestic applications such as heating.

## OIL PRODUCTS

The prices shown are maximum endorsed wholesale prices and are determined with reference to the cost of indigenous and imported crude oil and refining, marketing and distribution costs.

The maximum endorsed wholesale prices are not mandatory, though they are accepted by the oil companies.

The relationship between maximum endorsed wholesale prices and realised wholesale prices varies from state to state and from time to time. Marketers cannot charge above the endorsed prices. However, they may drop prices at any time depending on market conditions but principally on the amount of competitive discounting.

**Source:** Australian Competition and Consumer Commission (ACCC).

### *Heavy Fuel Oil*

From 17 August 1984 onwards, prices are not available based on the Price Surveillance Authority decision to confine its surveillance over petroleum products to the major transport fuels, thus excluding fuel oil.

### *Light Fuel Oil*

From 17 August 1984 onwards, prices are not available based on the Price Surveillance Authority decision to

confine its surveillance over petroleum products to the major transport fuels, thus excluding fuel oil.

### *Automotive Diesel Oil*

#### Excise Taxes

*State Government Business Franchise Fees (AUD/litre)*

From	To	Simple Average	Weighted Average*
01.07.82	30.06.83	0.030	
01.07.83	30.06.84	0.027	
01.07.84	30.06.85	0.031	
01.07.85	30.06.86	0.033	
01.07.86	31.07.86	0.036	
01.08.86	31.10.86	0.044	
01.11.86	30.06.87	0.045	
01.07.87	31.07.87	0.044	
01.08.87	30.09.87	0.042	
01.10.87	31.10.87	0.043	
01.11.87	30.11.87	0.046	
01.12.87	31.03.88	0.044	
01.04.88	17.04.89	0.043	
18.04.89	30.05.89	0.044	
31.05.89	14.06.89	0.048	
15.06.89	30.06.89	0.044	
01.07.89	31.07.89	0.046	
01.08.89	04.09.89	0.050	
05.09.89	31.05.90	0.051	
01.06.90	30.06.90	0.045	
01.07.90	31.07.90	0.050	
01.08.90	03.09.90	0.049	
04.09.90	30.09.90	0.051	
01.10.90	31.10.90	0.056	
01.11.90	31.01.91	0.057	
01.02.91	31.03.91	0.056	
01.04.91	31.07.91	0.055	
01.08.91	30.09.91	0.057	
01.10.91	30.09.91	0.058	
01.01.92	31.03.92		0.056
01.04.92	30.06.92		0.052
01.07.92	30.09.92		0.056
01.10.92	31.12.92		0.060
01.01.93	31.03.93		0.060
01.04.93	30.06.93		0.060
01.07.93	30.09.93		0.063
01.10.93	30.06.94		0.069
01.07.94	31.09.94		0.070
01.09.94	31.08.96		0.071
01.09.96	30.09.96		0.0636
01.10.96	30.06.97		0.0641
01.07.97	06.08.97		0.0585

\*Weighted average of all states.

From 7 August 1997 onwards, the State Government Business Franchise Fees were abolished and became part of the Commonwealth Excise Tax.

*Commonwealth Excise Tax (AUD/litre)*

From	To	Excise	Rebate A	Rebate B	Rebate C
01.01.78	30.06.82	0.05155	0.05155		
01.07.82	30.06.83	0.06155	0.06155		
01.07.83	22.08.83	0.07155	0.07155		
23.08.83	01.02.84	0.09027	0.07155		
02.02.84	31.01.85	0.09397	0.07155		
01.02.85	31.07.85	0.09641	0.07341		
01.08.85	15.08.85	0.10007	0.07619		
16.08.85	31.01.86	0.10007	0.07619	0.08049	0.01007
01.02.86	13.03.86	0.10437	0.07947	0.08049	0.10437
14.03.86	16.04.86	0.15766	0.12005	0.13378	0.15766
17.04.86	16.05.86	0.18388	0.14002	0.16000	0.18388
17.05.86	13.06.86	0.19200	0.14620	0.16812	0.19200
14.06.86	17.07.86	0.18822	0.14332	0.16432	0.18822
18.07.86	31.07.86	0.19240	0.14650	0.16852	0.19240
01.08.86	15.08.86	0.20010	0.15236	0.17622	0.20010
16.08.86	18.08.86	0.20884	0.15901	0.18496	0.20884
19.08.86	12.09.86	0.23844	0.18185	0.21496	0.23884
13.09.86	15.10.86	0.20185	0.15369	0.17797	0.20185
16.10.86	16.01.87	0.19706	0.15004	0.17318	0.19706
17.01.87	31.01.87	0.19655	0.14965	0.17267	0.19655
01.02.87	13.02.87	0.20756	0.15803	0.18368	0.20756
14.02.87	13.03.87	0.18720	0.14253	0.16332	0.18720
14.03.87	15.05.87	0.19150	0.14580	0.16762	0.19150
16.05.87	17.07.87	0.19840	0.15105	0.17452	0.19840
18.07.87	14.08.87	0.19808	0.15081	0.17420	0.19808
15.08.87	16.10.87	0.20097	0.15301	0.17709	0.20097
17.10.87	15.12.87	0.20830	0.15859	0.18442	0.20830
16.12.87	02.02.88	0.20295	0.15324	0.17907	0.20295
03.02.88	30.06.88	0.20802	0.15831	0.18414	0.20802
01.07.88	31.07.88	0.20802	0.15774	0.18330	0.20718
01.08.88	04.02.89	0.21530	0.16392	0.19142	0.21530
05.02.89	28.02.89	0.22391	0.16392	0.19142	0.21530
01.03.89	31.03.89	0.22391	0.16501	0.19286	0.21674
01.04.89	30.04.89	0.22391	0.16611	0.19429	0.21817
01.05.89	31.05.89	0.22391	0.16720	0.19573	0.21961
01.06.89	30.06.89	0.22391	0.16829	0.19716	0.22104
01.07.89	31.07.89	0.22391	0.16939	0.19860	0.22248
01.08.89	31.08.89	0.23152	0.17048	0.20003	0.22391
01.09.89	30.09.89	0.23152	0.17145	0.20130	0.22518
01.10.89	31.10.89	0.23152	0.17241	0.20257	0.22645
01.11.89	30.11.89	0.23152	0.17338	0.20384	0.22772
01.12.89	31.12.89	0.23152	0.17434	0.20510	0.22898
01.01.90	04.02.90	0.23152	0.17531	0.20637	0.23025
05.02.90	28.02.90	0.24124	0.17627	0.20764	0.23152
01.03.90	31.03.90	0.24124	0.17750	0.20926	0.23314
01.04.90	30.04.90	0.24124	0.17874	0.21088	0.23476
01.05.90	31.05.90	0.24124	0.17997	0.21250	0.23638
01.06.90	30.06.90	0.24124	0.18120	0.21420	0.23800
01.07.90	05.08.90	0.24124	0.18244	0.21574	0.23962
06.08.90	31.08.90	0.24124	0.18367	0.21736	0.24124

From	To	Excise	Rebate A	Rebate B	Rebate C
01.09.90	30.09.90	0.24920	0.18468	0.21869	0.24257
01.10.90	31.10.90	0.24920	0.18569	0.22001	0.24389
01.11.90	30.11.90	0.24920	0.18670	0.22134	0.24522
01.12.90	31.12.90	0.24920	0.18771	0.22267	0.24655
01.01.91	17.02.91	0.24920	0.18872	0.22399	0.24787
18.02.91	28.02.91	0.25767	0.19618	0.23379	0.25767
01.03.91	31.03.91	0.25767	0.19081	0.22673	0.25061
01.04.91	30.04.91	0.25767	0.19188	0.22814	0.25202
01.05.91	31.05.91	0.25767	0.19296	0.22956	0.25344
01.06.91	30.06.91	0.25767	0.19403	0.23097	0.25485
01.07.91	31.07.91	0.25767	0.19511	0.23238	0.25626
01.08.91	02.02.92	0.25767	0.19618	0.23379	0.25767
03.02.92	29.02.92	0.26154	0.19918	0.23444	0.25832
01.03.92	31.03.92	0.26154	0.19677	0.23444	0.25382
01.04.92	30.04.92	0.26154	0.19677	0.23508	0.25896
01.05.92	31.05.92	0.26154	0.19766	0.23573	0.25896
01.06.92	30.06.92	0.26154	0.19815	0.23637	0.26025
01.07.92	31.07.92	0.26154	0.19684	0.23702	0.26090
01.08.92	18.08.92	0.26154	0.19913	0.23702	0.26154
19.08.92	31.01.93	0.26154	0.19913	0.23766	0.26154
01.02.93	28.02.93	0.26232	0.19913	0.23766	0.26154
01.03.93	31.03.93	0.26232	0.19923	0.23779	0.26167
01.04.93	30.04.93	0.26232	0.19933	0.23792	0.26180
01.05.93	31.05.93	0.26232	0.19943	0.23805	0.26193
01.06.93	30.06.93	0.26232	0.19952	0.23818	0.26206
01.07.93	31.07.93	0.26232	0.19962	0.23831	0.26219
01.08.93	01.08.93	0.26232	0.19972	0.23844	0.26232
02.08.93	17.08.93	0.26573	0.19972	0.23844	0.26232
18.08.93	31.08.93	0.29573	0.19972	0.23844	0.26232
01.09.93	30.11.93	0.29573	0.20398	0.24401	0.26789
01.12.93	31.12.93	0.29573	0.21668	0.26071	0.28459
01.01.94	31.01.94	0.29573	0.22092	0.26628	0.29016
01.02.94	28.02.94	0.31750	0.22516	0.27185	0.29573
01.03.94	31.03.94	0.31750	0.22712	0.27381	0.27769
01.04.94	30.04.94	0.31750	0.22908	0.27577	0.29965
01.05.94	31.05.94	0.31750	0.23105	0.27774	0.30162
01.06.94	30.06.94	0.31750	0.23301	0.27970	0.30358
01.07.94	31.07.94	0.31750	0.23497	0.28166	0.30554
01.08.94	31.08.94	0.32088	0.23693	0.28362	0.30973
01.09.94	30.09.94	0.32088	0.23916	0.28585	0.30973
01.10.94	31.10.94	0.34099	0.24139	0.28808	0.31196
01.11.94	30.11.94	0.34099	0.23922	0.29031	0.31418
01.12.94	31.12.94	0.32088	0.24091	0.29254	0.31642
01.01.95	31.01.95	0.32088	0.24261	0.29477	0.31865
01.02.95	28.02.95	0.32537	0.24431	0.29700	0.32088
01.03.95	31.03.95	0.32537	0.24488	0.29775	0.32163
01.04.95	30.04.95	0.32537	0.24545	0.29850	0.32238
01.05.95	31.05.95	0.32537	0.24602	0.29925	0.32313
01.06.95	30.06.95	0.32537	0.24659	0.29999	0.32387
01.07.95	31.07.95	0.32537	0.24716	0.30074	0.32462
01.08.95	31.08.95	0.33513	0.24773	0.30149	0.32537
01.09.95	30.09.95	0.33513	0.24897	0.30312	0.32700
01.10.95	31.10.95	0.33513	0.25021	0.30474	0.32862
01.11.95	30.11.95	0.33513	0.25145	0.30637	0.33025
01.12.95	31.12.95	0.33513	0.25268	0.30800	0.33188
01.01.96	31.01.96	0.33513	0.25392	0.30962	0.33350

From	To	Excise	Rebate A	Rebate B	Rebate C
01.02.96	29.02.96	0.34183	0.25516	0.31125	0.33513
01.03.96	31.03.96	0.34183	0.25601	0.31237	0.33625
01.04.96	30.04.96	0.34183	0.25686	0.31348	0.33736
01.05.96	31.05.96	0.34183	0.25771	0.31460	0.33848
01.06.96	30.06.96	0.34183	0.25856	0.31572	0.33960
01.07.96	31.07.96	0.34183	0.25941	0.31683	0.34071
01.08.96	31.08.96	0.39559	0.26026	0.31795	0.34183
01.09.96	30.09.96	0.34559	0.26074	0.31858	0.34246
01.10.96	31.10.96	0.34559	0.26121	0.31920	0.34308
01.11.96	30.11.96	0.34559	0.26169	0.31983	0.34371
01.12.96	31.12.96	0.34559	0.26217	0.32046	0.34434
01.01.97	31.01.97	0.34559	0.26264	0.32108	0.34496
01.02.97	28.02.97	0.34697	0.26312	0.32717	0.34559
01.03.97	31.03.97	0.34697	0.26330	0.32194	0.34582
01.04.97	30.04.97	0.34697	0.26347	0.32217	0.34605
01.05.97	31.05.97	0.34697	0.26365	0.32240	0.34628
01.06.97	30.06.97	0.34697	0.26382	0.32263	0.34651
01.07.97	06.08.97	0.34697	0.26400	0.32286	0.34674
07.08.97	31.07.98	0.42797	0.26417	0.32309	0.34697
01.08.98	31.08.98	0.43054	0.26417	0.32309	0.34697
01.09.98	30.09.98	0.43054	0.26443	0.32343	0.34731
01.10.98	31.10.98	0.43054	0.26470	0.32378	0.34766
01.11.98	30.11.98	0.43054	0.26496	0.32413	0.34801
01.12.98	31.12.98	0.43054	0.26523	0.32447	0.34835
01.01.99	31.01.99	0.43054	0.26549	0.32482	0.34870
01.02.99	28.02.99	0.43355	0.26576	0.32517	0.34905
01.03.99	31.03.99	0.43355	0.26607	0.32557	0.34945
01.04.99	30.04.99	0.43355	0.26638	0.32598	0.34986
01.05.99	31.05.99	0.43355	0.26669	0.32698	0.35027
01.06.99	30.06.99	0.43355	0.26700	0.32679	0.35067
01.07.99	31.07.99	0.43355	0.26731	0.32720	0.35108
01.08.99	31.08.99	0.43485	0.26762	0.32761	0.35149
01.09.99	30.09.99	0.43485	0.26775	0.32778	0.35166
01.10.99	30.10.99	0.43485	0.26778	0.32796	0.35184
01.11.99	30.11.99	0.43485	0.26802	0.32813	0.35201
01.12.99	31.12.99	0.43485	0.26815	0.32831	0.35519
01.01.00	30.01.00	0.43485	0.26829	0.32849	0.35237
02.02.00	29.02.00	0.44137	0.26842	0.32866	0.35254
01.03.00	31.03.00	0.44137	0.26909	0.32954	0.35342
01.04.00	30.04.00	0.44137	0.26976	0.32304	0.35430
01.05.00	31.05.00	0.44137	0.27043	0.33130	0.35518
01.06.00	30.06.00	0.44137	0.27110	0.33218	0.35606
01.07.00	31.07.00	0.44137	0.26837	0.33306	0.35694
01.08.00	30.08.00	0.44137	0.28055	0.34076	0.36066
01.09.00	30.09.00	0.38118	0.30733	0.34933	0.36455
01.10.00	30.10.00	0.38118	0.32553	0.35703	0.36844
01.11.00	30.11.00	0.38118	0.34373	0.36473	0.37234
01.12.00	31.12.00	0.38118	0.36192	0.37242	0.37623
01.01.01	30.01.01	0.38118	0.38012	0.38012	0.38012
01.02.01	28.02.01	0.39643	0.38118	0.38118	0.38118
01.03.01	31.03.01	0.38143	0.38372	0.38372	0.38372
01.04.01	30.04.01	0.38143	0.38376	0.38376	0.38376
01.05.01	31.05.01	0.38143	0.38381	0.38381	0.38381
01.06.01	30.06.01	0.38143	0.38385	0.38385	0.38385

From	To	Excise	Rebate A	Rebate B	Rebate C
01.06.01	30.06.01	0.38143	0.38385	0.38385	0.38385
01.07.01	31.07.01	0.38143	0.38389	0.38389	0.38389
01.08.01	30.08.01	0.38143	0.38393	0.38393	0.38393
01.09.01	unknown	0.38143	0.38143	0.38143	0.38143

Rebate A: Applicable to public institutions and residential use.  
 Rebate B: Applicable for certain mining uses.  
 Rebate C: A full rebate only applicable to eligible primary producers (Introduced November 1985).

See footnotes on rebates for mining and agricultural users.

From 1Q91 to 4Q95, prices refer to weighted averages based on seven capital city pump prices and official sales figures.

**Sources:** From 4Q05 onwards, FUELtrac IPIP Report. From 1Q96 to 3Q05, Australian Competition and Consumer Commission (ACCC). Prior to 1Q96, the Motor Trade Association of Australia, monthly survey of motor fuel prices and Department of Primary Industries and Energy, monthly sales of petroleum.

## Gasoline

### Excise Taxes

#### State Government Business Franchise Fees (AUD/litre)

From	To	Simple Average	Weighted Average
01.07.82	30.06.83	0.020	
01.07.83	30.06.84	0.019	
01.07.84	30.06.85	0.024	
01.07.85	30.06.86	0.026	
01.07.86	31.07.86	0.029	
01.08.86	30.09.86	0.036	
01.10.86	31.07.87	0.037	
01.08.87	31.10.87	0.036	
01.11.87	30.03.88	0.039	
01.04.88	30.06.89	0.038	
01.07.89	31.07.89	0.040	
01.08.89	04.09.89	0.044	
05.09.89	31.05.90	0.045	
01.06.90	30.06.90	0.050	
01.07.90	31.07.90	0.044	
01.08.90	03.09.90	0.043	
04.09.90	30.09.90	0.045	
01.10.90	31.10.90	0.049	
01.11.90	30.11.90	0.053	
01.12.90	31.01.91	0.054	
01.02.91	28.02.91	0.053	
01.03.91	31.07.91	0.052	
01.08.91	30.09.91	0.053	
01.10.91	31.12.91	0.055	
01.01.92	30.06.92		0.053
01.07.92	30.09.92		0.054

From	To	Simple Average	Weighted Average
01.10.92	31.12.92		0.058
01.01.93	31.06.93		0.052
01.07.93	30.09.93		0.055
01.10.93	30.06.94		0.061
01.07.94	31.12.94		0.062
01.01.95	31.03.95		0.065
01.04.95	30.06.95		0.066
01.07.95	30.09.95		0.065
01.10.95	31.12.95		0.065
01.01.96	30.08.96		0.068
01.09.96	30.09.96		0.0679
01.10.96	31.03.97		0.0690
01.04.97	30.06.97		0.0691
01.07.97	06.08.97		0.0653
07.08.97	now		abolished

*Commonwealth Excise Tax*

## All Grades

From	To	AUD/ litre
01.01.78	30.06.82	0.01555
01.07.82	30.06.83	0.06155
01.07.83	22.08.83	0.07155
23.08.83	01.02.84	0.09027
02.02.84	31.01.85	0.09397
01.02.85	31.07.85	0.09641
01.08.85	31.01.86	0.10007
01.02.86	13.03.86	0.10437
14.03.86	16.04.86	0.15766
17.04.86	16.05.86	0.18388
17.05.86	13.06.86	0.19200
14.06.86	17.07.86	0.18822
18.07.86	31.07.86	0.19240
01.08.86	15.08.86	0.20010
16.08.86	18.08.86	0.20084
19.08.86	12.09.86	0.23884
13.09.86	15.10.86	0.20185
16.10.86	16.01.87	0.19706
17.01.87	31.01.87	0.19655
01.02.87	13.02.87	0.20756
14.02.87	13.03.87	0.18720
14.03.87	15.05.87	0.19150
16.05.87	17.07.87	0.19840
18.07.87	14.08.87	0.19808
15.08.87	16.10.87	0.20097
17.10.87	15.12.87	0.02830
16.12.87	02.02.88	0.20295
03.02.88	30.07.88	0.20802
01.08.88	04.02.89	0.21530
05.02.89	31.07.89	0.22391
01.08.89	04.02.90	0.23152
05.02.90	03.09.90	0.24124
04.09.90	17.02.91	0.24920

From	To	AUD/ litre
18.02.91	02.02.92	0.25767
03.02.92	31.01.93	0.26154
01.02.93	01.08.93	0.26232
02.08.93	17.08.93	0.26573
18.08.93	31.01.94	0.29573

## Leaded/Leaded Replacement (AUD/litre)

From	To	Leaded	Leaded Replacement
01.02.94	31.07.94	0.31750	
01.08.94	31.01.95	0.34099	
01.02.95	31.07.95	0.34576	
01.08.95	31.01.96	0.35613	
01.02.96	31.07.96	0.36325	
01.08.96	31.01.97	0.36725	
01.02.97	30.06.97	0.36872	
01.02.97	06.08.97	0.36872	
07.08.97	31.07.98	0.44972	
01.08.98	31.01.99	0.45242	
01.02.99	01.08.99	0.45559	
02.08.99	01.02.00	0.45696	
02.02.00	31.07.00	0.46381	
01.08.00	31.01.01	0.40400	
01.02.01	01.03.01	0.42016	
02.03.01	31.12.01	0.40516	
01.01.02	unknown		0.40516

## Unleaded

From	To	AUD/ litre
01.02.94	31.07.94	0.30750
01.08.94	31.01.95	0.32088
01.02.95	31.07.95	0.32537
01.08.95	31.01.95	0.33513
01.01.96	31.07.96	0.34183
01.08.96	31.01.97	0.34559
01.02.97	06.08.97	0.34697
07.08.97	31.07.98	0.42797
01.08.98	31.01.99	0.43054
01.02.99	01.08.99	0.43355
02.08.99	01.02.00	0.43485
02.02.00	31.07.00	0.44137
01.08.00	31.01.01	0.38118
01.02.01	01.03.01	0.39643
02.03.01	unknown	0.38143

From 3Q82 onwards, prices refer to quarterly averages based on pump prices in seven capital cities. From 1Q78 to 2Q82, prices refer to the first month of the quarter and are the weighted average of pump prices in six capital cities.

**Specifications**

Grade and Octane: Premium Unleaded 95 RON

Regular Unleaded 91 and 93 RON

Leaded Replacement (prior to 2Q04)  
Premium Leaded 96 RON (prior to 1Q02)

**Sources:** From 4Q05 onwards, FUELtrac IPIP Report. Prior to 4Q05, Australian Bureau of Statistics, monthly general survey of retail prices for purposes of computing the national consumer price index.

### *Automotive LPG*

**General Sales Tax (GST):** applied

Density: 0.550 t/kl

**Source:** FUELtrac IPIP Report.

## NATURAL GAS

**Special Taxes:** All states impose royalties on natural gas production and some impose taxes on natural gas sales. In Victoria there is a levy on large gas users. Some states also require state owned utilities to pay a dividend to the state. The national average of taxes on natural gas is not known.

Prices shown include taxes and dividends and are derived from financial year (July to June) average revenues per GJ received by country-wide utilities. Direct sales from natural gas producers to consumers are excluded.

### **Specifications**

GCV: 9 506 kcal/m<sup>3</sup>

**Source:** Australian Gas Association, *Gas Industry Statistics*; Australian Bureau of Agricultural and Resource Economics.

## COAL

### *Steam Coal for Industry*

From 1990 onwards, prices are no longer available. Prior to 1990, price shown is a weighted average of domestic sales of coal to industry (excludes coal exports).

### **Specifications**

Quality: Black Coal  
Sulphur Content: 0.5%  
Ash Content: 2.5 - 31%  
Water Content: 1 - 19%

Delivery Size: No minimum applicable  
NCV: 6 600 kcal/kg

**Source:** Joint Coal Board of New South Wales, quarterly survey among producers in New South Wales.

### *Steam Coal for Electricity Generation*

From 1990 onwards, prices refer to average selling price of coal supplied to the Electricity Commission of New South Wales from all sources. From 1982 to 1989, prices refer to average pit top values, excluding transportation costs. Prior to 1982, prices refer to yearly average unit costs of coal used in public electricity generation in New South Wales.

### **Specifications**

Quality: Black Coal  
Sulphur Content: 0.5%  
Ash Content: 2.5 - 31%  
Water Content: 1 - 19%  
Delivery Size: No minimum applicable  
NCV: 6 600 kcal/kg

**Sources:** From 1982 onwards, Joint Coal Board of New South Wales, Quarterly Survey among producers in New South Wales. Prior to 1982, Electricity Supply Association of Australia, Annual Reports.

### *Coking Coal for Industry*

From 1Q90 onwards, prices are no longer available. Prior to 1Q90, prices refer to pit-top values, excluding transportation costs of coal produced at New South Wales mines and owned by the steel industry.

**Source:** Joint Coal Board of New South Wales, quarterly survey among coal producers in New South Wales.

## ELECTRICITY

**General Sales Tax (GST):** Applies to households only. GST is refunded for industry.

**Special Tax:** Some states require state-owned utilities to pay a dividend to the state. The national average rates are not known.

Prices refer to financial year July to June.

**Source:** Electricity Supply Association of Australia.

### *Industry*

From 1995 onwards, prices include commercial users. Prices refer to average revenues per kWh received by the utilities for industry from Victoria, New South Wales, Queensland, South Australia, Western Australia, Tasmania and the Australian Capital Territory.

### *Households*

Prices shown are average revenues per kWh received by the utilities for households Australia-wide.

## ENERGY PRICE INDICES

No indices are available after 1999. Historical series are available electronically on CD-ROM or through the on-line data service.

Wholesale: Annual indices are 12-month averages. From 1Q93 onwards, quarterly indices refer to three-month averages. From 1Q86 to 4Q92, indices refer to the second month (except where indicated).

Retail: Annual figures are 12-month averages. Quarterly indices are three-month averages.

**Source:** Correspondence with the Australian Bureau of Statistics.

### *Oil Products*

Retail: From 1Q81 onwards, weighted average of "gasoline" and LFO price indices in eight state capital cities. Prior to 1Q81, indices refer to six capital cities.

### *Electricity*

Wholesale: Electricity used in manufacturing industry. From 1Q93 onwards, indices refer to the three-month average of the quarter. From 1Q87 to 4Q92, indices refer to the second month of the quarter. Prior to 1Q87, indices are monthly averages.

Retail: From 1Q81 onwards, electricity use in eight capital cities. Prior to 1Q81, electricity use in six state capital cities.

### *Natural Gas*

Wholesale: Natural gas used in manufacturing industry.

Retail: Piped town gas and bottled LPG gas.

### *Coal Products*

Wholesale: Coal and briquettes used in the manufacturing industry.



## AUSTRIA

Table 1 - Average Prices and Taxes in Euro

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	94.22	43.02	-	43.02	137.24	c	c	c	c	c
1998	85.24	43.02	-	43.02	128.26	c	c	c	c	c
1999	102.44	43.02	-	43.02	145.46	c	c	c	c	c
2000	154.33	36.34	-	36.34	190.67	69.42	6.90	-	6.90	76.31
2001	145.82	36.34	-	36.34	182.16	85.79	6.90	-	6.90	92.68
2002	151.52	36.34	-	36.34	187.86	95.99	6.27	-	6.27	102.26
2003	162.38	36.34	-	36.34	198.72	121.88	7.70	-	7.70	129.58
2004	154.00	60.00	-	60.00	214.00	115.74	7.70	-	7.70	123.44
2005	224.92	60.00	-	60.00	284.92	138.96	7.70	-	7.70	146.66
2006	266.35	67.70	-	67.70	334.05	172.49	7.70	-	7.70	180.19
2007	278.98	67.70	-	67.70	346.68	156.91	7.70	-	7.70	164.61
2Q2007	256.67	67.70	-	67.70	324.37	141.70	7.70	-	7.70	149.40
3Q2007	288.75	67.70	-	67.70	356.45	157.05	7.70	-	7.70	164.75
4Q2007	345.07	67.70	-	67.70	412.77	185.34	7.70	-	7.70	193.04
1Q2008	370.98	67.70	-	67.70	438.68	212.09	7.70	-	7.70	219.79
2Q2008	394.48	67.70	-	67.70	462.18	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	179.42	39.58	-	39.58	219.00	189.65	76.10	53.15	129.26	318.91
1998	157.92	39.58	-	39.58	197.50	150.12	76.10	45.25	121.35	271.47
1999	..	..	..	..	..	171.58	75.62	49.44	125.06	296.64
2000	..	..	..	..	..	298.42	75.97	74.88	150.85	449.28
2001	..	..	..	..	..	268.94	76.10	69.01	145.11	414.05
2002	..	..	..	..	..	242.47	76.30	63.76	140.06	382.53
2003	228.74	76.91	-	76.91	305.65	251.28	76.91	65.64	142.55	393.83
2004	240.44	106.99	-	106.99	347.43	291.73	106.14	79.57	185.71	477.44
2005	314.94	106.78	-	106.78	421.71	401.85	106.78	101.73	208.51	610.36
2006	377.92	107.99	-	107.99	485.90	462.54	107.99	114.11	222.09	684.64
2007	365.96	108.32	-	108.32	474.28	445.50	108.32	110.76	219.08	664.58
2Q2007	352.15	108.32	-	108.32	460.47	425.48	108.32	106.76	215.08	640.56
3Q2007	373.79	108.32	-	108.32	482.11	452.06	108.32	112.08	220.40	672.46
4Q2007	414.80	108.32	-	108.32	523.12	513.52	108.32	124.37	232.69	746.21
1Q2008	455.23	108.32	-	108.32	563.55	546.51	108.32	130.97	239.29	785.80
2Q2008	..	..	..	..	..	654.75	109.42	152.83	262.25	917.01
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.283	0.290	-	0.290	0.573	0.283	0.290	0.115	0.404	0.688
1998	0.237	0.290	-	0.290	0.527	0.236	0.290	0.105	0.395	0.631
1999	0.241	0.289	-	0.289	0.530	0.241	0.289	0.106	0.395	0.636
2000	0.359	0.290	-	0.290	0.649	0.359	0.290	0.130	0.419	0.778
2001	0.333	0.290	-	0.290	0.623	0.333	0.290	0.125	0.415	0.748
2002	0.310	0.290	-	0.290	0.600	0.310	0.289	0.120	0.409	0.719
2003	0.285	0.290	-	0.290	0.575	0.316	0.290	0.121	0.411	0.727
2004	0.291	0.310	-	0.310	0.601	0.364	0.310	0.135	0.445	0.809
2005	0.318	0.334	-	0.334	0.652	0.474	0.317	0.158	0.475	0.948
2006	0.374	0.335	-	0.335	0.709	0.505	0.335	0.168	0.503	1.009
2007	0.365	0.360	-	0.360	0.725	0.502	0.360	0.172	0.533	1.035
2Q2007	0.359	0.335	-	0.335	0.694	0.486	0.335	0.164	0.500	0.986
3Q2007	0.367	0.385	-	0.385	0.752	0.498	0.385	0.177	0.562	1.060
4Q2007	0.415	0.385	-	0.385	0.800	0.572	0.385	0.191	0.577	1.149
1Q2008	0.450	0.385	-	0.385	0.835	0.572	0.385	0.198	0.583	1.155
2Q2008	..	..	..	..	..	0.700	0.386	0.217	0.604	1.304

## AUSTRIA

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.341	0.415	0.151	0.566	0.907	0.302	0.415	0.143	0.558	0.861
1998	0.300	0.415	0.143	0.558	0.858	0.262	0.415	0.135	0.550	0.812
1999	0.303	0.414	0.143	0.558	0.860	0.264	0.414	0.136	0.550	0.814
2000	0.427	0.414	0.168	0.583	1.010	0.370	0.414	0.157	0.571	0.942
2001	0.405	0.415	0.164	0.579	0.984	0.338	0.415	0.151	0.566	0.904
2002	0.386	0.414	0.160	0.574	0.960	0.314	0.414	0.146	0.560	0.874
2003	0.385	0.415	0.160	0.575	0.960	0.319	0.415	0.147	0.562	0.881
2004	0.434	0.425	0.172	0.597	1.031	0.365	0.425	0.158	0.583	0.948
2005	0.520	0.425	0.189	0.614	1.135	0.436	0.425	0.172	0.597	1.034
2006	0.571	0.426	0.200	0.626	1.197	0.483	0.426	0.182	0.608	1.091
2007	0.581	0.448	0.206	0.654	1.236	0.486	0.448	0.187	0.635	1.121
2Q2007	0.590	0.426	0.203	0.630	1.220	0.498	0.426	0.185	0.611	1.109
3Q2007	0.620	0.456	0.215	0.671	1.291	0.512	0.456	0.194	0.650	1.162
4Q2007	0.611	0.484	0.219	0.703	1.315	0.518	0.484	0.200	0.685	1.203
1Q2008	0.580	0.484	0.221	0.705	1.286	0.483	0.484	0.201	0.670	1.209
2Q2008	0.655	0.485	0.228	0.714	1.368	0.576	0.485	0.212	0.698	1.274
Regular Unleaded (91 RON) Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.287	0.415	0.140	0.555	0.842	145.71	-	-	-	145.71
1998	0.249	0.415	0.133	0.548	0.796	139.10	-	-	-	139.10
1999	0.251	0.414	0.133	0.547	0.798	135.75	-	-	-	135.75
2000	0.358	0.414	0.155	0.569	0.927	..	..	..	..	..
2001	0.329	0.415	0.149	0.564	0.893	..	..	..	..	..
2002	0.301	0.414	0.143	0.557	0.858	..	..	..	..	..
2003	0.303	0.415	0.144	0.559	0.862	..	..	..	..	..
2004	0.351	0.425	0.155	0.580	0.931	..	..	..	..	..
2005	0.422	0.425	0.169	0.594	1.016	..	..	..	..	..
2006	0.468	0.426	0.179	0.605	1.073	..	..	..	..	..
2007	0.472	0.448	0.184	0.632	1.104	..	..	..	..	..
2Q2007	0.484	0.426	0.182	0.608	1.092	..	..	..	..	..
3Q2007	0.498	0.456	0.191	0.647	1.145	..	..	..	..	..
4Q2007	0.505	0.484	0.198	0.682	1.186	..	..	..	..	..
1Q2008	0.479	0.484	0.201	0.669	1.204	..	..	..	..	..
2Q2008	0.573	0.485	0.212	0.697	1.270	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	275.70	42.58	63.66	104.36	381.97
1998	..	..	..	..	..	268.45	42.58	62.21	102.90	373.39
1999	..	..	..	..	..	264.95	42.58	61.48	104.08	369.03
2000	..	..	..	..	..	272.36	42.58	63.01	105.61	377.97
2001	..	..	..	..	..	300.46	42.58	68.61	111.21	411.67
2002	..	..	..	..	..	292.76	42.58	67.07	109.65	402.40
2003	..	..	..	..	..	389.78	45.81	87.12	132.92	522.70
2004	..	..	..	..	..	391.02	69.34	92.07	161.41	552.43
2005	..	..	..	..	..	420.09	69.34	97.89	167.22	587.32
2006	..	..	..	..	..	452.03	69.34	104.27	173.61	625.64
2007	..	..	..	..	..	500.37	69.34	113.94	183.28	683.65
2Q2007	..	..	..	..	..	506.21	69.34	115.11	184.45	690.66
3Q2007	..	..	..	..	..	495.80	69.34	113.03	182.37	678.16
4Q2007	..	..	..	..	..	494.72	69.34	112.81	182.15	676.87
1Q2008	..	..	..	..	..	497.30	69.34	113.33	182.67	679.97
2Q2008	..	..	..	..	..	..	..	..	..	..

## AUSTRIA

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	56.61	-	-	-	56.61	c	c	c	c	c
1998	57.27	-	-	-	57.27	c	c	c	c	c
1999	52.62	-	-	-	52.62	c	c	c	c	c
2000	58.45	-	-	-	58.45	58.33	-	-	-	58.33
2001	62.03	-	-	-	62.03	51.05	-	-	-	51.05
2002	78.67	-	-	-	78.67	55.88	-	-	-	55.88
2003	76.34	-	-	-	76.34	57.06	-	-	-	57.06
2004	85.69	50.00	-	50.00	135.69	65.43	-	-	-	65.43
2005	91.58	50.00	-	50.00	141.58	70.45	-	-	-	70.45
2006	92.25	50.00	-	50.00	142.25	73.92	-	-	-	73.92
2007	93.96	50.00	-	50.00	143.96	75.29	-	-	-	75.29
2Q2007	93.10	50.00	-	50.00	143.10	74.60	-	-	-	74.60
3Q2007	93.10	50.00	-	50.00	143.10	74.60	-	-	-	74.60
4Q2007	96.03	50.00	-	50.00	146.03	76.95	-	-	-	76.95
1Q2008	102.45	50.00	-	50.00	152.45	82.10	-	-	-	82.10
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	256.24	-	51.23	51.23	307.48	..	..	..	..	..
1998	255.59	-	51.09	51.09	306.68	..	..	..	..	..
1999	257.41	-	51.45	51.45	308.86	..	..	..	..	..
2000	255.67	-	51.13	51.13	306.79	..	..	..	..	..
2001	270.83	-	54.15	54.15	325.00	..	..	..	..	..
2002	274.91	-	54.98	54.98	329.89	..	..	..	..	..
2003	281.67	-	56.33	56.33	338.00	..	..	..	..	..
2004	275.58	50.00	65.12	115.12	390.70	..	..	..	..	..
2005	279.67	50.00	65.93	115.93	395.60	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0717	-	-	-	0.0717	0.1177	0.0073	0.0250	0.0323	0.1500
1998	0.0705	-	-	-	0.0705	0.1185	0.0073	0.0251	0.0324	0.1509
1999	0.0532	-	-	-	0.0532	0.0979	0.0073	0.0210	0.0283	0.1262
2000	0.0415	-	-	-	0.0415	0.0943	0.0120	0.0213	0.0368	0.1275
2001	..	..	..	..	..	0.0953	0.0150	0.0221	0.0371	0.1324
2002	..	..	..	..	..	0.0949	0.0200	0.0230	0.0430	0.1379
2003	..	..	..	..	..	0.0923	0.0200	0.0225	0.0425	0.1348
2004	0.0571	0.0200	-	0.0200	0.0771	0.0981	0.0205	0.0237	0.0442	0.1423
2005	0.0620	0.0199	-	0.0199	0.0819	0.0958	0.0211	0.0234	0.0444	0.1402
2006	0.0670	0.0200	-	0.0200	0.0870	0.0940	0.0220	0.0230	0.0450	0.1390
2007	0.0800	0.0180	-	0.0180	0.0980	0.1060	0.0240	0.0260	0.0500	0.1560
2Q2007	0.0802	0.0181	-	0.0181	0.0983	0.1050	0.0237	0.0258	0.0495	0.1545
3Q2007	0.0789	0.0181	-	0.0181	0.0970	0.1062	0.0238	0.0260	0.0498	0.1560
4Q2007	0.0789	0.0181	-	0.0181	0.0970	0.1062	0.0238	0.0260	0.0498	0.1560
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**AUSTRIA**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	71.3	..	93.7	..	74.8	..	82.0
1997	..	72.9	..	96.2	..	78.8	..	84.9
1998	..	68.6	..	96.2	..	76.6	..	84.4
1999	..	70.5	..	95.4	..	75.8	..	84.1
2000	..	84.0	..	95.0	..	79.9	..	86.2
2001	..	81.3	..	96.4	..	89.0	..	89.6
2002	..	79.0	..	93.5	..	88.0	..	90.6
2003	..	79.7	..	94.5	..	89.3	..	93.2
2004	..	87.4	..	97.1	..	94.2	..	97.2
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	107.2	..	103.5	..	106.2	..	106.0
2007	..	108.7	..	113.1	..	115.1	..	111.9
2Q2000	..	81.3	..	93.4	..	77.6	..	85.3
3Q2000	..	85.7	..	97.7	..	80.2	..	84.6
4Q2000	..	89.8	..	97.4	..	85.0	..	88.8
1Q2001	..	81.4	..	97.0	..	89.4	..	90.9
2Q2001	..	84.4	..	97.0	..	89.6	..	89.3
3Q2001	..	82.0	..	96.8	..	88.8	..	87.8
4Q2001	..	77.5	..	94.9	..	88.3	..	90.3
1Q2002	..	75.6	..	95.1	..	87.6	..	91.3
2Q2002	..	80.4	..	92.8	..	87.5	..	90.0
3Q2002	..	79.9	..	92.6	..	88.1	..	89.4
4Q2002	..	80.2	..	93.7	..	88.7	..	91.5
1Q2003	..	83.8	..	93.6	..	87.6	..	93.4
2Q2003	..	78.5	..	94.2	..	88.8	..	92.9
3Q2003	..	78.5	..	94.9	..	90.7	..	92.4
4Q2003	..	78.0	..	95.2	..	89.9	..	93.9
1Q2004	..	80.2	..	95.3	..	94.1	..	96.5
2Q2004	..	86.7	..	96.5	..	94.2	..	97.0
3Q2004	..	89.6	..	97.0	..	94.1	..	97.0
4Q2004	..	93.2	..	99.5	..	94.5	..	98.1
1Q2005	..	90.1	..	100.8	..	98.4	..	99.3
2Q2005	..	98.0	..	99.9	..	98.5	..	98.7
3Q2005	..	106.8	..	99.5	..	99.1	..	98.7
4Q2005	..	105.1	..	99.9	..	104.0	..	103.2
1Q2006	..	103.9	..	101.7	..	105.0	..	104.5
2Q2006	..	109.7	..	103.8	..	105.8	..	103.9
3Q2006	..	112.4	..	104.2	..	106.2	..	105.0
4Q2006	..	102.6	..	104.5	..	107.9	..	110.7
1Q2007	..	99.7	..	112.6	..	115.9	..	113.5
2Q2007	..	105.2	..	113.0	..	115.9	..	111.9
3Q2007	..	111.0	..	113.2	..	114.2	..	110.8
4Q2007	..	119.0	..	113.4	..	114.2	..	111.5
1Q2008	..	124.2	..	113.8	..	115.1	..	112.0
2Q2008	..	..	..	..	..	..	..	..

# AUSTRIA

## GENERAL NOTES

Prices refer to monthly averages of the quarter. See individual products for exceptions.

### General Tax (VAT)

From	To	%
01.01.73	31.12.80	8
01.01.81	31.12.83	13
01.01.84	now	20

VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded.

## OIL PRODUCTS

### High Sulphur Fuel Oil

#### Special Taxes

##### Emergency Stock Fee

From	To	EUR/tonne	ATS/100kg
01.03.77	28.02.78	2.10	2.88
01.03.78	28.02.79	4.20	5.80
01.03.79	29.02.80	6.30	8.63
01.03.80	30.04.80	8.40	11.50
01.05.80	28.02.81	11.40	15.64
01.03.81	28.02.82	14.20	19.55
01.03.82	29.02.88	16.40	22.57
01.03.88	15.12.90	11.50	15.76
16.12.90	28.02.92	7.70	10.64
01.03.92	31.03.93	7.10	9.78
01.04.93	31.03.94	7.20	9.92
01.04.94	31.03.99	6.686	9.20
01.04.99	31.03.00	6.477	8.913
01.04.00	31.03.02	6.895	9.488
01.04.02	31.03.03	6.286	
01.04.03	now	7.188	

##### Mineral Oil Tax

From	To	EUR/tonne	ATS/100kg
01.01.92	30.04.95	14.50	20
01.05.95	31.12.01	36.30	50
01.01.02	31.12.03	36	
01.01.04	now	60	

Prices shown in the main table are the average annual and quarterly expenditure per tonne incurred by all Austrian industry.

### Specifications

Quality: Heizöl schwer

Sulphur Content:

From	To	%
Prior to	01.01.83	3.5
01.01.83	31.01.84	3.0
01.02.84	30.06.84	2.5
01.07.84	30.09.87	2.0
01.10.87	31.12.91	1.5 (avg. 1.0 and 2.0)
01.01.92	now	≤ 1.0

**Sources:** Statistics Austria, Industry Survey. Tax information from the Federal Ministry of Economic Affairs and Labour.

### Low Sulphur Fuel Oil

#### Special Taxes:

Emergency Stock Fee and Mineral Oil Tax are included in excise tax, see high sulphur fuel oil for details.

### Specifications

Quality: Heizöl mittel

Density: 1 t/m<sup>3</sup>

Sulphur Content: 0.4%

**Source:** Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### Heavy Fuel Oil for Electricity Generation

Average annual expenditure per tonne incurred by all Austrian utilities.

Heavy fuel oil for electricity generation is exempted from mineral oil tax according to par 4/1/9/c of the mineral oil tax law.

**Source:** Statistics Austria, Survey on material input in the mining and manufacturing industries, Wholesale price index.

### Light Fuel Oil for Industry

Prices shown in the main table are the average annual and quarterly expenditures per thousand litres (kl) incurred by all Austrian industry.

#### Special Taxes

Emergency Stock Fee and Mineral Oil Tax are included in excise tax. Excise tax is partially refunded to certain large industrial consumers.

*Emergency Stock Fee*

From	To	EUR/ kl	EUR/ tonne	ATS/ 100kg
01.03.77	28.02.78	1.76	2.10	2.88
01.03.78	28.02.79	3.53	4.20	5.80
01.03.79	29.02.80	5.29	6.30	8.63
01.03.80	30.04.80	7.06	8.40	11.50
01.05.80	28.02.81	9.49	11.40	15.64
01.03.81	28.02.82	11.93	14.20	19.55
01.03.82	29.02.88	13.78	16.40	22.57
01.03.88	15.12.90	9.58	11.50	15.76
16.12.90	28.02.92	6.47	7.70	10.64
01.03.92	31.03.93	5.96	7.10	9.78
01.04.93	31.03.94	6.05	7.20	9.92
01.04.94	31.03.99	5.62	6.686	9.20
01.04.99	31.03.00	5.44	6.477	8.913
01.04.00	31.03.02	5.79	6.895	9.488
01.04.02	31.03.03	7.24	8.568	
01.04.03	31.03.05	8.14	9.631	
01.04.05	now	8.99	10.702	

*Mineral Oil Tax*

From	To	EUR/ kl	EUR/ tonne	ATS/ 100kg
01.01.92	30.04.95	12.18	14.50	20
01.05.95	31.12.01	30.50	36.30	50
01.01.02	31.12.03	30.25	36	
01.01.04	now	50.42	60	

**Specifications**

Quality: Heizöl Extra Leicht  
Density: 0.84 t/kl

**Sulphur Content**

From	To	%
01.06.68	30.09.82	1.50
01.10.82	31.01.84	0.75
01.02.84	31.03.89	0.50
01.04.89	30.06.90	0.30
01.07.90	now	0.20

The above quality represents about 95% of all industrial light fuel use in Austria. The remaining 5% is quality heizöl extra leicht and has a specific gravity of 0.84 t/kl, comparable to the light fuel quality prevailing in other countries.

**Sources:** Federal Ministry of Economic Affairs and Labour, and Statistics Austria, Survey on material input in the mining and manufacturing industries, Wholesale price index.

**Light Fuel Oil for Households**

**General Tax (VAT):** See general notes for Austria.

**Special Taxes***Emergency Stock Fee*

From	To	EUR/ kl	EUR/ 100kg	ATS/ 100kg
01.03.77	28.02.78	1.76	0.21	2.88
01.03.78	28.02.79	3.53	0.42	5.80
01.03.79	29.02.80	5.29	0.63	8.63
01.03.80	30.04.80	7.06	0.84	11.50
01.05.80	28.02.81	9.58	1.14	15.64
01.03.81	28.02.82	11.93	1.42	19.55
01.03.82	29.02.88	13.78	1.64	22.57
01.03.88	15.12.90	9.66	1.15	15.76
16.12.90	28.02.92	7.90	0.94	12.94
01.03.92	31.03.93	7.22	0.86	11.79
01.04.93	31.03.94	7.39	0.88	12.08
01.04.94	31.03.96	7.06	0.84	11.50
01.04.96	31.03.97	6.93	0.8253	11.356
01.04.97	31.03.98	7.02	0.8357	11.50
01.04.98	31.03.99	6.67	0.7940	10.925
01.04.99	31.03.00	6.49	0.7731	10.638
01.04.00	31.03.01	7.02	0.8357	11.5
01.04.01	31.03.02	7.55	0.8985	12.363
01.04.02	31.03.03	7.20	0.8568	
01.04.03	now	8.09	0.9631	

*Mineral Oil Tax*

From	To	EUR/ litre	ATS/ 100kg
01.01.66	31.12.91	0.0358	57
01.01.92	30.04.95	0.047	77
01.05.95	31.12.03	0.069	113
01.01.04	now	0.098	

**Specifications**

Quality: Heizöl Extra Leicht  
Density: 0.84 t/kl  
Sulphur Content: 0.1%

Prices refer to the weighted average price. In 1986, this variety represented 60% of light fuel oil used in the representative households for which the general consumer price index is computed. The remaining 40% was heizöl leicht (see light fuel oil for industry).

**Source:** Federal Ministry of Economic Affairs and Labour, Annual Report on Energy.

**Automotive Diesel Oil**

**General Tax (VAT):** Applies to non-commercial use. See general notes for Austria.

**Special Taxes***Mineral Oil Tax \**

From	To	EUR/ litre	ATS/ 100kg
18.03.76	31.12.78	0.158	260
01.01.79	30.06.80	0.177	289
01.07.80	31.03.81	0.198	325
01.04.81	31.03.87	0.213	349
01.04.87	31.12.94	0.220	361
01.01.95	30.04.95	0.239	392
01.05.95	31.12.01	0.283	463
01.01.02	31.12.03	0.282	
01.01.04	30.09.05	0.302	
01.10.05	30.06.07	0.325	
01.07.07	now	0.375	

\* Mineral Oil Tax for Fossil Diesel with addition of biogene Diesel (4.4%) and maximum 10 mg/kg sulphur content is 0.347 Euro/litre.

*Emergency Stock Fee*

From	To	EUR/ litre	ATS/ 100kg
01.04.94	31.03.96	0.007	11.50
01.04.96	31.03.97	0.007	11.36
01.04.97	31.03.98	0.007	11.50
01.04.98	31.03.99	0.007	10.93
01.04.99	31.03.00	0.006	10.64
01.04.00	31.03.01	0.007	11.50
01.04.01	31.03.02	0.008	12.36
01.04.02	31.03.03	0.007	
01.04.03	31.03.06	0.008	
01.04.06	now	0.01032	

*Special Oil Product Fee*

From	To	EUR/ litre	ATS/ litre
01.01.81	30.04.95	0.008	approx. 0.11
01.05.95	now	0	0

Prices shown refer to weighted average prices.

**Specifications**

Density: 0.84 t/kl (assumed)

Sulphur content: max. 10 mg/kg (2004)

**Sources:** Federal Ministry of Economic Affairs and Labour, and Statistics Austria, Survey on material input in the mining and manufacturing industries, Wholesale price index.

**Gasoline**

**General Tax (VAT):** See general notes for Austria.

**Special Taxes***Mineral Oil Tax*

Leaded			
From	To	EUR/ litre	ATS/ 100kg
18.03.76	31.12.78	0.190	348
01.01.79	30.06.80	0.208	381
01.07.80	31.03.81	0.230	421
01.04.81	31.03.85	0.244	448
01.04.85	31.03.87	0.250	459
01.04.87	31.12.91	0.256	499
01.01.92	31.12.93	0.351	643
01.01.94	now	no longer consumed	

Unleaded			
From	To	EUR/ litre	ATS/ 100kg
01.04.85	31.03.87	0.233	428
01.04.87	31.12.91	0.241	442
01.01.92	31.12.93	0.291	535
01.01.94	30.04.95	0.328	602
01.05.95	31.12.01	0.408	748
01.01.02	31.12.03	0.407	
01.01.04	30.06.07	0.417	
01.07.07	30.09.07	0.447	
01.10.07	now	0.475	

\* Mineral Oil Tax for Fossil Diesel with addition of biogene Ethanol (4.4%) and maximum 10 mg/kg sulphur content is 0.442 Euro/litre.

*Emergency Stock Fee*

From	To	EUR/ kl	ATS/ kl
01.04.94	31.03.95	6.74	92.72
01.04.95	31.03.96	6.74	92.72
01.04.96	31.03.97	6.58	90.56
01.04.97	31.03.98	6.66	91.64
01.04.98	31.03.99	6.35	87.33
01.04.99	31.03.00	6.19	85.17
01.04.00	31.03.01	6.58	90.56
01.04.01	31.03.02	7.05	97.04
01.04.02	31.03.03	6.74	
01.04.03	31.03.05	7.55	
01.04.05	31.03.06	7.98	
01.04.06	31.03.07	9.38	
01.04.07	now	8.95	

Prices shown refer to the weighted average price.

**Specifications**

Grade and Octane: Premium Unleaded 98 RON  
Premium Unleaded 95 RON  
Regular Unleaded 91 RON

Lead Content: 0.013 g/litre

Density: 0.75 t/kl (assumed)

Sulphur content: max. 10 mg/kg (2004)

**Source:** Federal Ministry of Economic Affairs and Labour.

## NATURAL GAS

### Excise Tax

From	To	EUR/ 10 <sup>7</sup> kcal	EUR/ m <sup>3</sup>	ATS/ m <sup>3</sup>
01.07.96	31.12.01	42.58	0.0405	0.6
01.01.02	31.12.03	45.81	0.0436	
01.01.04	now	69.34	0.066	

As this tax is refunded to certain enterprises, exact data for industry and electricity generation is not possible.

### Specifications

GCV: 9 510 kcal/m<sup>3</sup>

### Industry

Prices shown are annual average expenditures per 10<sup>7</sup> kcal incurred by all industry for natural gas.

**Source:** Statistics Austria.

### Households

**General Tax (VAT):** See general notes for Austria.

Prices shown in the main table are an average of various representative rates in 20 different towns. This average is also used for the construction of the national consumer price index.

**Source:** Statistics Austria.

### Electricity Generation

Prices shown are the average annual expenditure per 10<sup>7</sup> kcal of all Austrian utilities.

**Source:** Statistics Austria, *Wirtschaftsstatistik der Elektrizitätsversorgungsunternehmen*.

## COAL

### Steam Coal for Industry

Prices shown are the annual and quarterly average expenditure per tonne incurred by all industry for steam coal.

Excise tax is partially refunded to certain large industrial consumers.

**Source:** Statistics Austria, Survey on material input in the mining and manufacturing industries, Wholesale price index.

### Steam Coal for Electricity Generation

Prices shown are average annual expenditure per tonne on steam coal incurred by all utilities. Excise tax is partially refunded to certain large industrial consumers.

**Source:** Statistics Austria, Survey on material input in the mining and manufacturing industries, Wholesale price index.

### Steam Coal for Households

**General Tax (VAT):** See general notes for Austria.

Prices shown are the average price paid by all households for coke, the most widely used variety.

**Source:** Statistics Austria: *Energieverbrauch der Haushalte; Ergebnisse des Mikrozensus*.

### Coking Coal for Industry

Price shown is the one for coke used by industry.

## ELECTRICITY

### Excise Tax

From	To	EUR/ kWh	ATS/ kWh
01.07.96	31.05.00	0.0073	0.1000
01.05.00	now	0.0150	0.2064

Excise Tax shown in the tables includes the above "Excise Tax" as well as other taxes and surcharges such as municipal taxes, stranded costs, surcharges for renewable energy and CHP surcharges.

### Industry

Excise tax is partially refunded to certain large industrial customers.

Figures shown in the main table are calculated as the weighted average of prices paid by both industrial and commercial customers at various voltage levels.

**Source:** E-Control.

### Households

**General Tax (VAT):** See general notes for Austria.

From 1999 onwards, prices are based on annual consumption of 3 500 kWh (including 1 300 kWh night-time consumption), and are the average value of Upper Austria/Tyrol/Vienna. From 1995 to 1999, prices



shown are based on the Erlosstatistik of the Federal Ministry of Economic Affairs. Prior to 1995, prices were an average of various representative rates in 20 different towns. They were used for the construction of the national consumer price index.

**Source:** Energie Control, under mandate from the Federal Ministry for Economic Affairs and Labour.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### *Oil Products*

Retail: Weighted average of HICP, Liquid fuels (cp0453) and HICP, Fuels and lubricants for personal transport equipment (cp0722).

### *Electricity*

Retail: HICP, Electricity (cp0451).

### *Natural Gas*

Retail: HICP, Gas (cp0452).

### *Coal*

Retail: HICP, Solid fuels (cp0454).

## BELGIUM

Table 1 - Average Prices and Taxes in Euro

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	115.49	6.20	-	6.20	121.69	108.97	18.59	-	18.59	127.57
1998	95.02	6.20	-	6.20	101.21	87.88	18.59	-	18.59	106.47
1999	99.36	6.20	-	6.20	105.55	110.59	18.59	-	18.59	129.18
2000	171.77	6.20	-	6.20	177.97	177.56	18.59	-	18.59	196.15
2001	150.69	6.20	-	6.20	156.89	154.69	18.59	-	18.59	173.28
2002	155.90	6.22	-	6.22	162.12	151.61	18.59	-	18.59	170.20
2003	179.69	13.00	-	13.00	192.69	x	x	x	x	x
2004	157.72	15.00	-	15.00	172.72	x	x	x	x	x
2005	232.31	15.00	-	15.00	247.31	x	x	x	x	x
2006	264.32	15.00	-	15.00	279.32	x	x	x	x	x
2007	279.66	15.00	-	15.00	294.66	x	x	x	x	x
2Q2007	254.53	15.00	-	15.00	269.53	x	x	x	x	x
3Q2007	291.78	15.00	-	15.00	306.78	x	x	x	x	x
4Q2007	355.33	15.00	-	15.00	370.33	x	x	x	x	x
1Q2008	370.11	15.00	-	15.00	385.11	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	172.93	13.63	-	13.63	186.56	172.93	13.63	39.17	52.80	225.73
1998	133.74	13.63	-	13.63	147.37	133.74	13.63	30.94	44.57	178.31
1999	153.50	13.63	-	13.63	167.13	153.50	13.63	35.10	48.74	202.23
2000	276.25	13.63	-	13.63	289.88	276.25	13.63	60.88	74.51	350.76
2001	258.37	13.63	-	13.63	272.00	258.37	13.63	57.12	70.75	329.12
2002	225.84	13.45	-	13.45	239.29	225.84	13.45	50.25	63.70	289.54
2003	247.29	13.43	-	13.43	260.72	246.04	13.43	54.49	67.92	313.96
2004	293.93	18.49	-	18.49	312.42	299.06	18.49	66.69	85.18	384.23
2005	412.08	18.49	-	18.49	430.57	412.08	18.49	90.42	108.91	520.99
2006	458.14	18.49	-	18.49	476.63	458.14	18.49	100.09	118.58	576.72
2007	462.26	18.49	-	18.49	480.75	462.26	18.49	100.96	119.45	581.71
2Q2007	444.11	18.49	-	18.49	462.60	444.11	18.49	97.15	115.64	559.75
3Q2007	472.31	18.49	-	18.49	490.80	472.31	18.49	103.07	121.56	593.87
4Q2007	532.01	18.49	-	18.49	550.50	532.01	18.49	115.60	134.09	666.10
1Q2008	571.21	18.49	-	18.49	589.70	571.21	18.49	123.84	142.33	713.54
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.255	0.290	-	0.290	0.545	0.262	0.290	0.116	0.406	0.668
1998	0.208	0.290	-	0.290	0.498	0.223	0.290	0.108	0.398	0.621
1999	0.233	0.290	-	0.290	0.523	0.239	0.290	0.111	0.401	0.640
2000	0.363	0.290	-	0.290	0.653	0.380	0.290	0.141	0.431	0.811
2001	0.339	0.290	-	0.290	0.629	0.355	0.290	0.136	0.426	0.781
2002	0.295	0.304	-	0.304	0.599	0.295	0.305	0.126	0.431	0.726
2003	0.331	0.294	-	0.294	0.625	0.331	0.294	0.131	0.425	0.756
2004	0.403	0.330	-	0.330	0.733	0.398	0.330	0.153	0.483	0.881
2005	0.510	0.350	-	0.350	0.860	0.510	0.350	0.180	0.530	1.040
2006	0.561	0.331	-	0.331	0.892	0.561	0.331	0.187	0.518	1.079
2007	0.581	0.323	-	0.323	0.904	0.581	0.323	0.190	0.513	1.094
2Q2007	0.562	0.325	-	0.325	0.887	0.562	0.325	0.186	0.511	1.073
3Q2007	0.584	0.325	-	0.325	0.909	0.584	0.325	0.191	0.516	1.100
4Q2007	0.662	0.318	-	0.318	0.979	0.662	0.318	0.206	0.524	1.185
1Q2008	0.676	0.318	-	0.318	0.994	0.676	0.318	0.209	0.527	1.202
2Q2008	..	..	..	..	..	..	..	..	..	..

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Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.272	0.507	0.164	0.671	0.942	0.252	0.507	0.159	0.667	0.919
1998	0.238	0.507	0.157	0.664	0.902	0.210	0.507	0.151	0.658	0.868
1999	0.250	0.507	0.159	0.666	0.916	0.239	0.507	0.157	0.664	0.903
2000	0.409	0.507	0.192	0.699	1.108	0.357	0.507	0.181	0.688	1.045
2001	0.386	0.507	0.188	0.695	1.081	0.326	0.507	0.175	0.682	1.008
2002	0.363	0.507	0.183	0.690	1.053	0.302	0.507	0.170	0.677	0.979
2003	0.371	0.507	0.184	0.691	1.062	0.334	0.507	0.177	0.684	1.018
2004	0.408	0.554	0.202	0.756	1.164	0.388	0.555	0.198	0.753	1.141
2005	0.490	0.590	0.230	0.820	1.310	0.470	0.590	0.220	0.810	1.280
2006	0.544	0.592	0.239	0.831	1.375	0.526	0.592	0.235	0.827	1.353
2007	0.558	0.600	0.243	0.843	1.401	0.544	0.600	0.240	0.840	1.384
2Q2007	0.580	0.592	0.246	0.838	1.418	0.570	0.592	0.244	0.836	1.406
3Q2007	0.578	0.592	0.246	0.838	1.416	0.555	0.592	0.241	0.833	1.388
4Q2007	0.590	0.623	0.255	0.877	1.468	0.576	0.623	0.252	0.874	1.450
1Q2008	0.604	0.623	0.258	0.880	1.485	0.591	0.623	0.255	0.878	1.469
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	116.39	-	-	-	116.39
1998	..	..	..	..	..	c	c	c	c	c
1999	..	..	..	..	..	c	c	c	c	c
2000	0.325	-	0.068	0.068	0.393	c	c	c	c	c
2001	0.296	-	0.062	0.062	0.358	c	c	c	c	c
2002	0.288	-	0.061	0.061	0.348	c	c	c	c	c
2003	0.292	-	0.061	0.061	0.353	c	c	c	c	c
2004	0.318	-	0.067	0.067	0.385	c	c	c	c	c
2005	0.340	-	0.070	0.070	0.410	c	c	c	c	c
2006	0.404	-	0.085	0.085	0.489	c	c	c	c	c
2007	0.425	-	0.089	0.089	0.514	c	c	c	c	c
2Q2007	0.401	-	0.084	0.084	0.485	c	c	c	c	c
3Q2007	0.421	-	0.089	0.089	0.510	c	c	c	c	c
4Q2007	0.490	-	0.103	0.103	0.593	c	c	c	c	c
1Q2008	0.485	-	0.102	0.102	0.587	c	c	c	c	c
2Q2008	..	..	..	..	..	c	c	c	c	c
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	117.45	-	-	-	117.45	288.60	14.18	63.58	77.76	366.36
1998	c	c	c	c	c	290.61	14.18	64.01	78.19	368.79
1999	c	c	c	c	c	282.78	14.18	62.36	76.54	359.32
2000	c	c	c	c	c	351.37	14.18	76.77	90.95	442.32
2001	c	c	c	c	c	..	..	..	..	..
2002	c	c	c	c	c	..	..	..	..	..
2003	c	c	c	c	c	..	..	..	..	..
2004	c	c	c	c	c	..	..	..	..	..
2005	c	c	c	c	c	..	..	..	..	..
2006	c	c	c	c	c	..	..	..	..	..
2007	c	c	c	c	c	..	..	..	..	..
2Q2007	c	c	c	c	c	..	..	..	..	..
3Q2007	c	c	c	c	c	..	..	..	..	..
4Q2007	c	c	c	c	c	..	..	..	..	..
1Q2008	c	c	c	c	c	..	..	..	..	..
2Q2008	c	c	c	c	c	..	..	..	..	..

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Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	37.80	-	-	-	37.80
1998	..	..	..	..	..	30.76	-	-	-	30.76
1999	..	..	..	..	..	28.38	-	-	-	28.38
2000	..	..	..	..	..	35.54	-	-	-	35.54
2001	..	..	..	..	..	42.13	-	-	-	42.13
2002	..	..	..	..	..	36.58	-	-	-	36.58
2003	..	..	..	..	..	31.81	-	-	-	31.81
2004	..	..	..	..	..	58.33	-	-	-	58.33
2005	..	..	..	..	..	64.68	-	-	-	64.68
2006	..	..	..	..	..	50.40	-	-	-	50.40
2007	..	..	..	..	..	55.15	-	-	-	55.15
2Q2007	..	..	..	..	..	53.22	-	-	-	53.22
3Q2007	..	..	..	..	..	56.93	-	-	-	56.93
4Q2007	..	..	..	..	..	58.90	-	-	-	58.90
1Q2008	..	..	..	..	..	74.54	-	-	-	74.54
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	263.02	-	31.56	31.56	294.57	51.02	-	-	-	51.02
1998	263.61	-	31.63	31.63	295.24	49.93	-	-	-	49.93
1999	265.47	-	31.85	31.85	297.32	46.28	-	-	-	46.28
2000	266.85	-	32.02	32.02	298.87	51.22	-	-	-	51.22
2001	270.86	-	32.50	32.50	303.36	60.35	-	-	-	60.35
2002	274.14	-	32.90	32.90	307.04	..	..	..	..	..
2003	276.51	-	33.18	33.18	309.69	..	..	..	..	..
2004	279.36	6.49	34.30	40.79	320.15	..	..	..	..	..
2005	289.59	2.16	35.01	37.17	326.76	..	..	..	..	..
2006	295.45	-	35.45	35.45	330.90	..	..	..	..	..
2007	303.33	-	36.40	36.40	339.74	..	..	..	..	..
2Q2007	302.54	-	36.30	36.30	338.84	..	..	..	..	..
3Q2007	300.72	-	36.09	36.09	336.81	..	..	..	..	..
4Q2007	309.19	-	37.10	37.10	346.29	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0553	-	-	-	0.0553	0.1190	0.0014	0.0253	0.0267	0.1457
1998	0.0552	-	-	-	0.0552	0.1201	0.0014	0.0255	0.0269	0.1470
1999	0.0521	-	-	-	0.0521	0.1166	0.0014	0.0248	0.0262	0.1428
2000	0.0518	-	-	-	0.0518	0.1172	0.0014	0.0249	0.0263	0.1435
2001	..	..	..	..	..	0.1164	..	..	..	..
2002	..	..	..	..	..	0.1126	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**BELGIUM**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	2000 = 100	2004 = 100	2000 = 100	2004 = 100	2000 = 100	2004 = 100	2000 = 100	2004 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	64.6	..	92.8	..	79.6	..	91.0
1992	..	62.7	..	95.1	..	76.7	..	96.0
1993	..	65.9	..	97.5	..	77.8	..	96.0
1994	..	66.1	..	98.8	..	80.2	..	94.2
1995	..	64.9	..	100.4	..	79.9	..	93.0
1996	..	72.6	..	100.6	..	79.8	142.2	92.9
1997	..	76.8	..	101.2	..	84.2	135.2	92.8
1998	..	70.1	..	102.0	..	84.8	114.0	93.2
1999	..	74.4	..	101.3	..	79.2	99.8	93.9
2000	100.0	96.2	100.0	99.5	100.0	87.7	100.0	94.3
2001	87.9	92.1	102.5	101.8	120.6	107.9	125.2	95.6
2002	87.6	88.1	108.0	101.0	114.4	101.7	102.9	96.9
2003	80.9	89.8	108.0	98.0	114.5	101.5	108.1	97.7
2004	97.0	100.0	117.3	100.0	113.4	100.0	205.0	100.0
2005	119.4	119.5	121.8	99.7	123.2	109.0	179.3	103.2
2006	139.9	127.9	129.6	102.7	140.4	126.2	188.8	105.0
2007	142.8	128.9	128.3	107.2	133.0	117.0	248.6	106.9
2Q2000	..	92.7	..	100.3	..	86.8	97.6	93.4
3Q2000	..	100.8	..	98.1	..	87.7	99.6	92.4
4Q2000	..	103.0	..	99.4	..	93.4	107.8	95.8
1Q2001	91.4	92.0	100.9	100.5	117.1	104.3	124.3	96.4
2Q2001	93.8	97.2	102.2	101.6	121.7	108.9	129.2	94.6
3Q2001	87.4	93.5	103.0	102.3	122.1	109.5	128.4	93.9
4Q2001	79.2	85.8	103.9	102.6	121.5	108.8	118.8	97.6
1Q2002	80.2	84.6	108.0	102.4	117.0	104.5	110.4	98.2
2Q2002	87.3	89.2	108.0	100.7	113.8	101.3	107.2	96.1
3Q2002	87.3	88.9	108.0	101.6	113.4	100.9	94.6	95.1
4Q2002	95.5	89.8	108.0	99.4	113.4	100.0	99.4	98.2
1Q2003	86.0	95.4	108.0	97.8	114.3	100.5	101.2	98.7
2Q2003	76.4	86.0	108.0	97.9	114.4	101.8	97.7	97.4
3Q2003	79.6	88.6	108.0	98.1	114.8	102.1	106.2	96.2
4Q2003	81.8	89.2	108.1	98.2	114.6	101.6	127.2	98.4
1Q2004	80.9	89.9	111.6	98.7	112.8	99.9	174.5	98.8
2Q2004	90.9	98.0	116.9	99.2	112.2	99.2	222.3	99.0
3Q2004	101.9	104.1	118.6	100.3	113.0	99.6	222.5	99.4
4Q2004	114.3	108.1	121.9	101.8	115.4	101.3	200.8	102.7
1Q2005	99.7	105.5	124.9	101.9	119.2	105.3	188.2	103.6
2Q2005	110.8	117.3	120.9	97.3	122.2	108.2	195.2	102.1
3Q2005	128.0	130.8	121.2	99.7	123.4	109.0	182.7	102.0
4Q2005	139.0	124.3	120.1	100.0	127.8	113.6	151.2	105.0
1Q2006	141.5	125.6	129.3	101.3	135.5	121.5	184.8	104.5
2Q2006	145.9	132.6	130.3	101.6	139.6	125.6	200.8	104.8
3Q2006	143.7	131.8	128.4	103.4	141.5	127.1	191.3	104.8
4Q2006	137.0	127.2	130.2	104.3	144.9	130.4	178.1	106.0
1Q2007	125.1	118.4	130.4	108.9	141.7	125.7	201.0	106.4
2Q2007	138.1	127.3	125.8	107.2	125.6	110.7	216.6	106.4
3Q2007	145.5	130.1	125.7	106.2	122.7	107.9	253.9	106.6
4Q2007	162.3	139.7	131.4	106.5	142.1	123.5	322.7	108.2
1Q2008	167.5	144.4	146.6	116.2	169.0	144.8	438.8	108.9
2Q2008	..	..	..	..	..	..	..	..

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## GENERAL NOTES

From 1Q90 onwards, prices refer to the weekly averages of the quarter. From 1Q85 to 4Q89, prices refer to the second month of the quarter. Prior to 1Q85, prices refer to the first month of each quarter. See individual products for exceptions.

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded.

From	To	%
01.01.78	30.09.80	6
01.10.80	30.06.81	16
01.07.81	31.03.92	17
01.04.92	31.12.93	19.5
01.01.94	31.12.95	20.5
01.01.96	now	21

## OIL PRODUCTS

From 1981 to 1990, the prices shown take account of rebates. Prior to 1981 prices shown are maximum list prices and rebates may have occurred.

**Sources:** Unless specified otherwise, Ministry of Economic Affairs, following the EC decision of 26 January 1977. Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### High Sulphur Fuel Oil

**Excise Tax:** As shown in excise tax column.

#### Specifications

Quality:	Fuel Oil Lourd (HSFO)
Sulphur Content:	1% - 3%
Density:	0.93 t/kl
Delivery Size:	< 24 000 t/year
NCV:	9 750 kcal/kg

### Low Sulphur Fuel Oil

**Excise Tax:** As shown in excise tax column.

#### Specifications

Quality:	Fuel Oil Lourd
Sulphur Content:	1%

### Light Fuel Oil

**General Tax (VAT):** See general notes for Belgium.

**Excise Tax:** As shown in excise tax column.

#### Specifications

Quality:	Gas Oil Chauffage
Density:	0.84 t/kl
Delivery Size:	2 - 5 kl
NCV:	10 250 kcal/kg

### Automotive Diesel Oil

**General Tax (VAT):** Applies to non-commercial use. See general notes for Belgium.

**Excise Tax:** As shown in excise tax column.

Prices shown are the legal maximum pump prices based on the imposed calculation "contrat de programme".

### Gasoline

#### General Tax (VAT)

Prior to 1 April 1992, gasoline was subject to its own VAT rate. This was 25% between 1 October 1980 and 31 March 1992, and 16% between 1 January 1978 and 30 September 1980.

#### Excise Tax

##### Premium Leaded/Leaded Substitute

From	To	EUR/ litre	BEF/ litre
01.01.78	30.09.79	0.188	7.60
01.10.79	30.06.81	0.209	8.45
01.07.81	30.09.82	0.233	9.40
01.10.82	21.03.83	0.253	10.20
01.04.83	31.12.88	0.278	11.20
01.01.89	03.08.89	0.297	12.00
04.08.89	31.12.89	0.317	12.80
01.01.90	03.03.91	0.343	13.85
04.03.91	31.08.91	0.361	14.55
01.09.91	31.03.92	0.378	15.25
01.04.92	31.08.92	0.408	16.45
01.09.92	31.07.93	0.450	18.15
01.08.93	30.11.93	0.464	18.70
01.12.93	29.10.95	0.483	19.50
30.10.95	31.12.95	0.504	20.35
01.01.96	06.10.96	0.524	21.15
07.10.96	29.12.96	0.545	21.98
30.12.96	31.12.99	0.565	22.81
01.01.00	31.12.02	0.522	21.07
01.01.03	now	no longer consumed	

## Unleaded Gasoline

From	To	EUR/ litre	BEF/ litre
01.01.90	31.08.91	0.307	12.40
01.09.91	31.03.92	0.325	13.10
01.04.92	31.08.92	0.352	14.20
01.09.92	31.07.93	0.377	15.20
01.08.93	30.11.93	0.390	15.75
01.12.93	29.10.95	0.415	16.75
30.10.95	31.12.95	0.446	18.00
01.01.96	06.10.96	0.466	18.80
07.10.96	29.12.96	0.487	19.63
30.12.96	31.12.03	0.507	20.46
01.01.04	09.06.04	0.537	
10.06.04	15.04.05	0.564	
16.04.05	30.09.07	0.592	
01.10.07	now	0.623	

Prices shown are the legal maximum pump prices based on the imposed calculation "contrat de programme".

**Specifications**

Grades:	Leaded Substitute (1Q01 to 4Q02) Leaded Premium (prior to 1Q01)
Octane:	98 and 95 RON
Lead Content:	0.37 - 0.73 g/litre
Density:	0.74 t/kl

**Automotive LPG****Specifications**

Density:	0.540 t/kl
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**NATURAL GAS**

**General Tax (VAT):** Applies to households. See general notes for Belgium.

**Excise Tax:** Applies to households.

From	To	EUR/ 10 <sup>7</sup> kcal	BEF/ 10 <sup>7</sup> kcal
01.08.93	now	14.18	572

Prices shown refer to average annual and quarterly revenues per 10<sup>7</sup> kcal which Belgian gas utilities received from industry, electric power stations and households.

**Specifications**

GCV:	8 400 kcal/m <sup>3</sup>
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**Source:** Fédération de l'Industrie du Gaz (FIGAZ); *Annuaire Statistique 2000*.

**COAL**

Unless specified otherwise, prices shown refer to quarterly averages.

**Source:** Ministry of Economic Affairs.

**Steam Coal for Industry**

From 1Q92 onwards, prices are no longer available. From 1Q78 to 4Q91, prices refer to the weighted average import price (CIF) for industrial customers. This price is often lower than the average import price for industry and power stations because Belgian industry (cement factories) uses a particularly low-quality steam coal. See notes regarding import prices at the end of Part I.

**Steam Coal for Electricity Generation**

From 1Q84 onwards, prices refer to quarterly averages of import prices. Prior to 4Q83, annual and quarterly prices are the weighted average of prices paid for domestic coal (ex-mine) and imported coal (CIF) in BEF/GJ. By agreement Belgian utilities have to meet a certain amount of their requirements on the domestic market at prices above those of imported coal. From 1Q81 onwards, prices include demurrage costs.

**Specifications**

NCV:	5 338 kcal/kg (assumed)
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**Steam Coal for Households****General Tax (VAT)**

From	To	%
01.01.78	31.03.92	16
01.04.92	now	12

**Excise Tax:**

From	To	EUR/tonne
01.04.04	31/03/05	8.65
01.04.05	now	0

From 1Q95 onwards, prices refer to the average consumer prices for Anthracite 12/22, based on monthly surveys conducted by the Ministry of Economic Affairs. Prior to 1Q95, prices refer to the weighted average of various import prices (CIF) for Anthracite (12/22).

**Coking Coal for Industry**

From 1Q88 onwards, prices refer to the weighted average import price (CIF), as the domestic coal price was no longer representative due to the closure of three of

the five existing Belgian coal mines. Prior to 4Q87, prices shown refer to domestic coal, qualities Standard and Winterslag.

### Specifications

Quality:	Standard (1Q81 – 4Q87) Winterslag (1Q78 – 4Q80)
Volatility:	24% (Standard)
Ash Content:	7% (Standard)
Water Content:	9% (Standard), 7% (Winterslag)

## ELECTRICITY

The average prices reflect supply by electricity companies to end-users, calculated as annual average revenues per kWh sold by public utilities and electricity companies from high-voltage users (industry) and low-voltage users (households), and are based on a certain percentage of the electricity consumed.

**Source:** Fédération Professionnelle des Producteurs et distributeurs d'Electricité de Belgique, *Annuaire Statistique 2002*.

### Households

#### General Tax (VAT)

From	To	%
01.01.78	30.06.81	16
01.07.81	now	general VAT

#### Excise Tax

From	To	EUR/kWh	BEF/kWh
01.08.93	now	0.0014	0.055

## ENERGY PRICE INDICES

Annual figures are 12-month averages.

Quarterly indices refer to the three-month average.

**Source:** ECODATA, SPF Economie, P.M.E., Classes Moyennes & Energie.

### Oil Products

Wholesale: Refinery of crude oil (raffinage de pétrole).

Retail: Weighted average of automotive fuels (carburants), liquid fuels (combustibles liquides) and petroleum gases (gaz de pétrole).

### Electricity

Wholesale: Production and distribution of electricity (production et distribution d'électricité).

Retail: Electricity (électricité).

### Natural Gas

Wholesale: Production and distribution of gas (production et distribution de gaz).

Retail: Natural gas (gaz naturel).

### Coal Products

Wholesale: Coal (charbon).

Retail: Solid fuels (combustibles solides).



## CANADA

Table 1 - Average Prices and Taxes in Canadian Dollars

High Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	10.75	..	166.90	..	..	..	..	..
1998	..	..	8.00	..	122.70	..	..	..	..	..
1999	..	..	11.10	..	170.10	..	..	..	..	..
2000	..	..	17.70	..	270.90	..	..	..	..	178.28
2001	..	..	16.70	..	255.20	..	..	..	..	179.10
2002	..	..	18.40	..	281.30	..	..	..	..	184.87
2003	..	..	19.35	..	295.75	..	..	..	..	252.66
2004	..	..	19.10	..	291.72	..	..	..	..	184.06
2005	..	..	23.78	..	363.25	..	..	..	..	240.46
2006	..	..	24.63	..	376.43	..	..	..	..	..
2007	..	..	28.10	..	429.28	..	..	..	..	..
2Q2007	..	..	28.00	..	427.50	..	..	..	..	..
3Q2007	..	..	28.40	..	433.50	..	..	..	..	..
4Q2007	..	..	31.70	..	485.20	..	..	..	..	..
1Q2008	..	..	34.40	..	526.10	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	15.13	..	231.00	369.67	-	41.66	41.66	411.33
1998	..	..	11.45	..	175.00	359.99	-	40.68	40.68	400.67
1999	..	..	21.90	..	216.00	351.68	-	39.74	39.74	391.42
2000	..	..	36.60	..	361.00	344.71	-	38.95	38.95	383.66
2001	..	..	32.60	..	321.00	483.02	-	54.58	54.58	537.60
2002	..	..	31.80	..	313.00	445.79	-	50.37	50.37	496.16
2003	..	..	35.40	..	348.50	511.83	-	57.84	57.84	569.67
2004	..	..	42.50	..	418.83	564.39	-	63.78	63.78	628.17
2005	..	..	56.68	..	558.17	701.48	-	79.27	79.27	780.75
2006	..	..	59.28	..	584.00	737.42	-	83.33	83.33	820.75
2007	..	..	63.35	..	623.75	762.21	-	86.13	86.13	848.34
2Q2007	..	..	60.40	..	595.00	751.72	-	84.94	84.94	836.67
3Q2007	..	..	63.70	..	627.00	749.03	-	84.64	84.64	833.67
4Q2007	..	..	72.00	..	709.00	817.31	-	92.36	92.36	909.67
1Q2008	..	..	81.70	..	805.00	922.60	-	104.26	104.26	1026.86
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	0.343	0.178	0.036	0.214	0.557	..	..	..	..	..
1998	0.327	0.178	0.035	0.213	0.540	..	..	..	..	..
1999	0.329	0.178	0.035	0.213	0.542	..	..	..	..	..
2000	0.458	0.178	0.045	0.223	0.681	..	..	..	..	..
2001	0.466	0.178	0.045	0.223	0.689	..	..	..	..	..
2002	0.417	0.178	0.042	0.220	0.637	..	..	..	..	..
2003	0.467	0.178	0.045	0.223	0.690	..	..	..	..	..
2004	0.529	0.178	0.049	0.227	0.756	..	..	..	..	..
2005	0.688	0.178	0.061	0.239	0.927	..	..	..	..	..
2006	0.723	0.178	0.063	0.241	0.964	..	..	..	..	..
2007	0.747	0.178	0.065	0.243	0.989	..	..	..	..	..
2Q2007	0.732	0.178	0.064	0.242	0.974	..	..	..	..	..
3Q2007	0.733	0.178	0.064	0.242	0.974	..	..	..	..	..
4Q2007	0.809	0.178	0.069	0.247	1.056	..	..	..	..	..
1Q2008	0.894	0.178	0.075	0.253	1.147	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## CANADA

Table 2 - Average Prices and Taxes in Canadian Dollars

Premium Unleaded (97 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	0.387	0.253	0.045	0.298	0.685	..	..	..	..	..
1998	0.334	0.261	0.042	0.303	0.637	..	..	..	..	..
1999	0.382	0.261	0.045	0.306	0.688	..	..	..	..	..
2000	0.505	0.261	0.054	0.315	0.820	..	..	..	..	..
2001	0.483	0.261	0.052	0.313	0.796	..	..	..	..	..
2002	0.478	0.261	0.052	0.313	0.790	0.439	0.261	0.049	0.310	0.749
2003	0.514	0.261	0.054	0.315	0.829	0.479	0.254	0.051	0.305	0.784
2004	0.588	0.261	0.060	0.321	0.909	0.565	0.252	0.057	0.309	0.874
2005	0.693	0.261	0.067	0.328	1.021	0.672	0.252	0.065	0.317	0.989
2006	0.745	0.261	0.070	0.331	1.076	0.724	0.252	0.063	0.315	1.039
2007	0.783	0.261	0.073	0.334	1.117	0.772	0.252	0.062	0.314	1.086
2Q2007	0.841	0.261	0.077	0.338	1.179	0.835	0.252	0.065	0.317	1.152
3Q2007	0.788	0.261	0.073	0.334	1.123	0.778	0.252	0.062	0.314	1.091
4Q2007	0.789	0.261	0.074	0.335	1.124	0.783	0.252	0.062	0.314	1.097
1Q2008	0.850	0.261	0.078	0.339	1.189	0.833	0.252	0.065	0.317	1.151
2Q2008	..	..	..	..	..	0.980	0.252	0.074	0.326	1.306
Regular Unleaded (92 RON) Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	0.309	0.246	0.039	0.285	0.594	..	..	6.57	..	100.42
1998	0.254	0.252	0.035	0.287	0.541	..	..	6.85	..	104.63
1999	0.304	0.252	0.039	0.291	0.595	..	..	7.72	..	118.03
2000	0.428	0.252	0.048	0.300	0.728	..	..	8.73	..	133.36
2001	0.406	0.252	0.046	0.298	0.704	..	..	11.02	..	168.45
2002	0.405	0.252	0.046	0.298	0.703	..	..	12.88	..	196.79
2003	0.437	0.252	0.048	0.300	0.737	..	..	19.25	..	294.17
2004	0.508	0.252	0.053	0.305	0.813	..	..	19.03	..	290.85
2005	0.612	0.252	0.060	0.312	0.924	..	..	23.33	..	356.58
2006	0.661	0.252	0.064	0.316	0.977	..	..	20.19	..	308.55
2007	0.701	0.252	0.067	0.317	1.018	..	..	18.16	..	277.58
2Q2007	0.759	0.252	0.071	0.320	1.080	..	..	20.72	..	316.66
3Q2007	0.714	0.252	0.068	0.320	1.033	..	..	18.60	..	284.27
4Q2007	0.702	0.252	0.067	0.319	1.020	..	..	17.11	..	261.59
1Q2008	0.762	0.252	0.071	0.323	1.085	..	..	16.21	..	247.80
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	..	..	15.46	..	236.30
1998	..	..	..	..	..	..	..	16.48	..	251.87
1999	..	..	..	..	..	..	..	20.64	..	315.58
2000	..	..	..	..	200.12	..	..	21.01	..	296.16
2001	..	..	..	..	225.30	..	..	29.78	..	455.19
2002	..	..	..	..	227.12	..	..	24.26	..	370.79
2003	..	..	..	..	244.81	..	..	31.13	..	475.88
2004	..	..	..	..	223.63	..	..	30.76	..	470.24
2005	..	..	..	..	272.97	..	..	34.06	..	520.56
2006	..	..	..	..	..	..	..	35.74	..	546.30
2007	..	..	..	..	..	..	..	34.31	..	524.49
2Q2007	..	..	..	..	..	..	..	30.79	..	470.58
3Q2007	..	..	..	..	..	..	..	36.62	..	559.82
4Q2007	..	..	..	..	..	..	..	40.52	..	619.40
1Q2008	..	..	..	..	..	..	..	29.32	..	448.16
2Q2008	..	..	..	..	..	..	..	..	..	..

## CANADA

Table 3 - Average Prices and Taxes in Canadian Dollars

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	26.55
2001	..	..	..	..	..	..	..	..	..	28.67
2002	..	..	..	..	..	..	..	..	..	30.10
2003	..	..	..	..	..	..	..	..	..	29.44
2004	..	..	..	..	..	..	..	..	..	26.44
2005	..	..	..	..	..	..	..	..	..	29.70
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	0.0495	..	..	0.0049	0.0545	0.0720	..	..	0.0079	0.0799
1998	0.0499	..	..	0.0060	0.0559	0.0728	..	..	0.0081	0.0809
1999	0.0498	..	..	0.0060	0.0558	0.0728	..	..	0.0082	0.0810
2000	0.0509	..	..	0.0061	0.0570	0.0706	..	..	0.0080	0.0786
2001	0.0578	..	..	0.0066	0.0644	0.0731	..	..	0.0081	0.0813
2002	0.0550	..	..	0.0064	0.0614	0.0762	..	..	0.0084	0.0846
2003	0.0588	..	..	0.0068	0.0657	0.0772	..	..	0.0086	0.0858
2004	0.0569	..	..	0.0068	0.0637	0.0792	..	..	0.0088	0.0879
2005	0.0599	..	..	0.0071	0.0670	0.0826	..	..	0.0091	0.0917
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**CANADA**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	1997 = 100	2002 = 100	1997 = 100	2002 = 100	1997 = 100	2002 = 100	1997 = 100	
1987	93.6	67.4	72.9	60.0	108.9	58.5	91.4	..
1988	86.7	67.1	75.8	62.3	100.2	57.5	81.4	..
1989	87.5	70.7	78.7	64.8	95.7	54.9	81.6	..
1990	98.8	81.5	82.9	68.7	96.5	52.1	82.3	..
1991	94.9	81.2	88.5	78.6	98.2	57.1	85.8	..
1992	86.6	78.3	94.5	83.7	98.4	59.2	90.6	..
1993	85.7	77.4	98.4	87.2	104.5	61.5	94.2	..
1994	85.2	76.5	99.0	87.7	114.8	66.7	96.0	..
1995	89.5	79.5	99.1	87.3	94.2	62.6	94.3	..
1996	99.9	83.3	99.7	88.3	94.6	61.9	99.7	..
1997	100.0	85.2	100.0	89.3	100.0	66.5	100.0	..
1998	82.3	77.8	98.9	90.1	111.1	70.6	96.0	..
1999	96.9	84.2	99.8	90.8	125.7	77.5	99.3	..
2000	140.2	103.9	99.6	91.3	167.7	94.2	95.9	..
2001	134.2	101.5	105.2	92.9	250.2	122.1	97.2	..
2002	126.3	100.0	114.6	100.0	214.9	100.0	97.3	..
2003	136.9	107.1	122.9	98.0	225.0	130.1	95.9	..
2004	160.7	118.2	122.5	102.0	226.9	127.4	95.3	..
2005	202.0	134.6	132.7	104.9	239.6	136.3	97.5	..
2006	218.8	141.8	132.1	110.8	251.4	140.5	98.8	..
2007	230.8	148.1	131.2	112.9	221.5	131.3	94.0	..
2Q2000	134.2	102.0	99.3	91.0	144.3	85.5	97.1	..
3Q2000	143.4	106.2	99.5	91.4	176.6	96.0	95.8	..
4Q2000	151.9	108.8	99.7	92.0	208.8	110.6	95.1	..
1Q2001	140.8	104.0	102.0	87.0	262.6	115.2	99.2	..
2Q2001	144.6	109.3	103.0	93.5	266.3	136.7	97.8	..
3Q2001	134.8	101.6	108.0	95.6	242.5	128.1	95.7	..
4Q2001	116.7	90.9	107.8	95.6	229.2	108.5	96.2	..
1Q2002	112.9	90.3	106.9	98.0	225.8	110.3	96.3	..
2Q2002	125.0	100.8	108.0	99.3	221.9	91.5	97.6	..
3Q2002	131.3	103.9	126.5	105.7	195.8	88.6	98.0	..
4Q2002	136.0	105.1	117.0	97.0	215.9	109.6	97.2	..
1Q2003	155.0	115.5	130.3	99.0	232.5	123.1	96.6	..
2Q2003	130.5	103.1	120.3	95.7	228.1	132.1	95.5	..
3Q2003	133.9	108.2	121.6	98.8	221.4	134.7	96.2	..
4Q2003	128.1	101.5	119.4	98.7	218.0	130.5	95.3	..
1Q2004	144.7	110.0	121.0	99.1	229.3	121.9	95.4	..
2Q2004	160.8	122.6	121.7	102.3	227.4	127.4	95.9	..
3Q2004	166.0	120.2	123.1	103.2	225.6	134.6	95.3	..
4Q2004	171.2	120.2	124.2	103.4	225.1	125.7	94.7	..
1Q2005	176.4	121.6	125.2	102.5	224.5	131.2	95.4	..
2Q2005	192.9	131.6	129.1	105.4	226.2	126.8	99.9	..
3Q2005	224.1	147.7	140.4	106.0	239.8	140.6	98.6	..
4Q2005	214.7	137.5	136.0	105.7	267.9	146.5	95.9	..
1Q2006	207.9	135.5	132.7	107.4	288.4	156.2	96.7	..
2Q2006	235.9	152.9	130.2	110.7	245.2	142.3	100.7	..
3Q2006	233.8	150.0	133.2	112.8	235.6	135.9	99.1	..
4Q2006	197.7	128.9	132.2	112.3	236.2	127.8	98.6	..
1Q2007	209.3	137.4	130.2	111.7	224.9	126.6	93.3	..
2Q2007	237.3	155.9	126.8	111.9	228.5	136.7	93.7	..
3Q2007	232.2	149.9	134.3	115.1	215.5	131.1	96.0	..
4Q2007	244.5	149.3	133.5	113.0	217.1	130.7	92.8	..
1Q2008	269.1	159.4	130.1	110.8	217.5	128.0	94.2	..
2Q2008	..	..	..	..	..	..	..	..

## CANADA

### GENERAL NOTES

From 1Q93 onwards, prices refer to the monthly averages of the quarter. Prior to 1Q93, prices refer to the first month of the quarter. See individual products for details.

**Goods and Services Tax (GST):** Since January 1, 1991 a federal Goods and Services Tax (GST) is levied on all petroleum products. This consumption tax replaced the Federal Sales Tax (FST) which had been set at 13.5%. The GST initially established at 7% was reduced to 6% on July 1, 2006, and to 5% on January 1, 2008. All prices shown include this tax.

**Harmonised Sales Tax (HST):** On April 1, 1997, some provinces harmonised their sales tax with the GST. From 1 January 2008 onwards, the HST was levied at 13%. From 1 July 2007 to 31 December 2007, it was 14%. From 1 April 1997 to 30 June 2007 it was 15%.

### OIL PRODUCTS

#### *High Sulphur Fuel Oil*

Prices are average actual prices paid by industrial and commercial enterprises for high and low sulphur heavy fuel oil. The prices do not include taxes.

#### Specifications

Quality:	HFO No. 6
Density:	0.95 t/kl
Delivery Size:	Tank-wagon loads

**Sources:** Natural Resources Canada. From 1Q92 onwards, the bulk contract price as quoted in *Bloomberg's Oil Buyers Guide*. From 1Q78 to 4Q91, monthly survey of the Canadian Refining Industry.

#### *Heavy Fuel Oil for Electricity Generation*

**Source:** Statistics Canada, *Consumption of Purchased Fuel and Electricity by the Manufacturing, Mining, Logging and Electric Power Industries* (Cat. no: 57-208) and *Electric Power Statistics Annual Statistics*, Vol. 2 (Cat. No. 57202).

#### *Light Fuel Oil for Industry*

Prices shown in the main table are the average refinery terminal prices at Montreal and Toronto, after discounts.

**Special Taxes:** Prices do not include taxes.

#### Specifications

Quality:	Light Fuel Oil No. 2 (Furnace)
Density:	0.83 t/kl

**Sources:** Natural Resources Canada. From 1Q92 onwards, the rack price as quoted in *Bloomberg's Oil Buyers Guide*. From 1Q78 to 4Q91, monthly survey among accounting departments of all major oil companies.

#### *Light Fuel Oil for Households*

**Special Taxes:** Retail domestic heating oil prices include the GST/HST and all other applicable provincial taxes.

The prices are a weighted average based on provincial prices.

#### Specifications

Quality:	Light Fuel Oil No. 2 (Furnace)
Density:	0.83 t/kl

**Sources:** Statistics Canada; monthly Consumer Price Index survey among consumers throughout Canada. Covers about 80% of the total market.

#### *Automotive Diesel Oil*

**Special Taxes:** Prices shown include the following:

- Goods and Services Tax (1991 onwards)
- Federal Sales Tax (prior to 1991)
- Federal Excise Tax
- Provincial Sales Tax
- Provincial consumption taxes
- Urban taxes

**Source:** Natural Resources Canada.

#### *Gasoline*

**Special Taxes:** Prices shown include the following:

- Goods and Services Tax (1991 onwards)
- Federal Gasoline Sales Tax (prior to 1991)
- Federal Excise Tax
- Provincial Sales Tax
- Provincial Consumption Taxes
- Urban taxes

As some of these taxes are ad valorem, the amount of taxes varies with the price of gasoline. The federal and provincial tax components of the Canadian average price, on 1 January of each year, are given below.

Premium Unleaded			
As of	Federal Sales Tax CAD/litre	Federal Excise Tax CAD/litre	Provincial Sales Tax CAD/litre
01.01.82	0.025	0.041	0.089
01.01.83	0.029	0.044	0.102
01.01.84	0.033	0.047	0.093
01.01.85	0.039	0.054	0.097
01.01.86	0.041	0.076	0.097
01.01.87	0.040	0.085	0.097
01.01.88	0.034	0.089	0.105
01.01.89	0.034	0.099	0.11
01.01.90	0.037	0.085	0.108
01.01.91	0.045	0.085	0.108
01.01.92	0.040	0.085	0.153
01.01.93	0.040	0.085	0.152
01.01.94	0.040	0.085	0.154
01.01.95	0.025	0.1	0.156
01.01.96	0.042	0.1	0.154
01.01.97	0.045	0.1	0.153
01.01.98	0.042	0.1	0.161
01.01.99	0.039	0.1	0.159
01.01.00	0.047	0.1	0.162
01.01.01	0.052	0.1	0.163
01.01.02	0.044	0.1	0.162
01.01.03	0.055	0.1	0.169
01.01.04	0.054	0.1	0.174
01.01.05	0.058	0.1	0.176
01.01.06	0.068	0.1	0.180
01.01.07	0.054	0.1	0.174
01.01.08	0.054	0.1	0.177

Regular Unleaded			
As of	Federal Sales Tax CAD/litre	Federal Excise Tax CAD/litre	Provincial Sales Tax CAD/litre
01.01.82	0.025	0.04	0.076
01.01.83	0.028	0.043	0.086
01.01.84	0.032	0.046	0.081
01.01.85	0.038	0.053	0.084
01.01.86	0.040	0.075	0.085
01.01.87	0.039	0.083	0.084
01.01.88	0.034	0.089	0.095
01.01.89	0.033	0.098	0.099
01.01.90	0.036	0.085	0.11
01.01.91	0.041	0.085	0.116
01.01.92	0.035	0.085	0.113
01.01.93	0.035	0.085	0.14
01.01.94	0.031	0.085	0.143
01.01.95	0.019	0.1	0.144
01.01.96	0.036	0.1	0.145
01.01.97	0.038	0.1	0.146

As of	Federal Sales Tax CAD/litre	Federal Excise Tax CAD/litre	Provincial Sales Tax CAD/litre
01.01.98	0.036	0.1	0.152
01.01.99	0.033	0.1	0.152
01.01.00	0.042	0.1	0.155
01.01.01	0.046	0.1	0.156
01.01.02	0.039	0.1	0.154
01.01.03	0.048	0.1	0.161
01.01.04	0.047	0.1	0.165
01.01.05	0.051	0.1	0.166
01.01.06	0.062	0.1	0.170
01.01.07	0.049	0.1	0.166
01.01.08	0.049	0.1	0.169

### Specifications

Grade and Octane:

Premium Unleaded 91 RdON (97 RON)

Mid-grade Unleaded 89 RdON (95 RON)

Regular Unleaded 87 RdON (92 RON)

Magnesium Content: 18 mg/litre

Price shown is weighted average pump price of full service and self service stations throughout Canada.

**Source:** Statistics Canada, *Consumer Prices and Price Indices*, quarterly, for Premium Unleaded (97 RON) Gasoline and Regular Unleaded (92 RON) Gasoline. MJ Ervin & Associates, *Weekly Pump Price Survey*, for Premium Unleaded (95 RON) Gasoline.

## NATURAL GAS

Natural gas prices include the GST and all other applicable taxes.

### Specifications

GCV: 8 892 kcal/m<sup>3</sup>

### Industry

Price shown is the monthly average revenue per 10<sup>7</sup> kcal received by gas utilities from industry.

**Source:** Statistics Canada, monthly questionnaire survey among gas utilities covering about 90% of the market.

### Electricity Generation

Price shown is average annual expenditure incurred by electric utilities for 10<sup>7</sup> kcal of natural gas.

**Source:** Statistics Canada, *Consumption of Purchased Fuel and Electricity by Manufacturing, Mining, Logging and Electric Power Industries and Electric Power Statistics*, Vol. 2 (Cat. No. 57-202).

## Households

Price shown is monthly average expenditure per 10<sup>7</sup> kcal incurred by households.

**Source:** Statistics Canada, monthly questionnaire survey among households, covering about 90% of the market.

## COAL

According to the terms of the Canada-United States Free Trade Agreement, the value of coal imported from the U.S. is no longer declared to Canadian customs officials. From 1Q90 onwards, industrial coal prices, which were largely determined by the import price, are no longer available.

### Steam Coal for Industry

Average price of bituminous coal paid at the gate of the user (90% imported, 10% domestic).

#### Specifications

NCV: 7 127 kcal/kg

**Primary source:** Natural Resources Canada.

### Steam Coal for Electricity Generation

Price shown is average annual expenditure incurred by electric utilities for one tonne of bituminous coal (Canadian and imported).

**Source:** Statistics Canada, *Consumption of Purchased Fuel and Electricity of the Manufacturing, Mining, Logging and Electric Power Industries* and *Electric Power Statistics*, Vol. 2 (Cat. No. 57-202).

### Coking Coal for Industry

Price for coal imported from the U.S. used by the iron and steel industry in Ontario, as paid at the gate of the user.

#### Specifications

NCV: 7 164 kcal/kg

**Source:** Natural Resources Canada.

## ELECTRICITY

Since 1990, prices for households refer to residential sector. Prices for industry are the weighted average of two tariff categories: 1000 kW and 5000 kW.

Prior to 1990, prices shown in main table are annual average revenues per kWh received by the Canadian utilities from all industrial sectors (including mining) and from households (and agricultural units of some provinces). These prices include provincial taxes, which are not available separately, but the GST tax is rebated and is therefore not included in the price shown.

**Sources:** Since 1990, Office of Energy Efficiency, Natural Resources Canada. Prior to 1990, Price Division, Statistics Canada.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Statistics Canada, CANSIM database.

### Oil Products

Wholesale: Table 329-0046, gasoline and fuel oil.

Retail: Table 326-001, weighted average of gasoline and fuel oil and other fuels.

### Electricity

Wholesale: Table 329-0050.

Retail: Table 326-001, electricity.

### Natural Gas

Wholesale: Table 330-0006, natural gas.

Retail: Table 326-001, natural gas.

### Coal Products

Wholesale: Table 330-0006, coal (thermal).

## CZECH REPUBLIC

Table 1 - Average Prices and Taxes in Czech Crowns

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	3071	-	-	-	3071
1998	..	..	..	..	..	2574	-	-	-	2574
1999	..	..	..	..	..	2605	-	-	-	2605
2000	..	..	..	..	..	4307	-	-	-	4307
2001	4898	-	-	-	4898	4758	-	-	-	4758
2002	4902	-	-	-	4902	4563	-	-	-	4563
2003	4741	-	-	-	4741	4130	-	-	-	4130
2004	4464	472	-	472	4936	3812	472	-	472	4284
2005	5430	472	-	472	5902	4492	472	-	472	4964
2006	7025	472	-	472	7497	6059	472	-	472	6531
2007	6389	472	-	472	6861	5320	472	-	472	5792
2Q2007	6048	472	-	472	6520	5214	472	-	472	5686
3Q2007	6508	472	-	472	6980	5722	472	-	472	6194
4Q2007	7184	472	-	472	7656	6511	472	-	472	6983
1Q2008	7709	472	-	472	8181	6772	472	-	472	7244
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	6869	-	-	-	6869	6869	-	3181	3181	10050
1998	6951	-	-	-	6951	6951	-	3271	3271	10222
1999	7996	-	-	-	7996	7996	-	3503	3503	11499
2000	11546	-	-	-	11546	11546	-	4333	4333	15879
2001	9115	-	-	-	9115	9115	-	3798	3798	12913
2002	7438	-	-	-	7438	7438	-	3429	3429	10867
2003	7888	-	-	-	7888	7888	-	3528	3528	11416
2004	10049	660	-	660	10709	10049	660	3950	4610	14659
2005	12867	660	-	660	13527	12867	660	4335	4995	17862
2006	13115	660	-	660	13775	13115	660	4382	5042	18157
2007	12261	660	-	660	12921	12261	660	4220	4880	17141
2Q2007	11669	660	-	660	12329	11669	660	4108	4768	16437
3Q2007	12644	660	-	660	13304	12644	660	4293	4953	17597
4Q2007	13941	660	-	660	14601	13941	660	4539	5199	19140
1Q2008	14438	660	-	660	15098	14438	660	4634	5294	19731
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	8.35	7.03	-	7.03	15.38	8.35	7.03	3.38	10.41	18.76
1998	7.45	7.33	-	7.33	14.78	7.45	7.33	3.25	10.58	18.03
1999	7.82	7.74	-	7.74	15.56	7.82	7.74	3.42	11.16	18.98
2000	12.10	8.15	-	8.15	20.25	12.10	8.15	4.45	12.60	24.70
2001	11.61	8.15	-	8.15	19.76	11.61	8.15	4.35	12.50	24.11
2002	9.66	8.15	-	8.15	17.81	9.66	8.15	3.92	12.07	21.73
2003	9.80	8.15	-	8.15	17.95	9.80	8.15	3.95	12.10	21.90
2004	10.83	9.95	-	9.95	20.78	10.83	9.95	4.10	14.05	24.88
2005	13.47	9.95	-	9.95	23.42	13.47	9.95	4.45	14.40	27.87
2006	14.38	9.95	-	9.95	24.33	14.38	9.95	4.62	14.57	28.96
2007	14.18	9.95	-	9.95	24.13	14.18	9.95	4.58	14.53	28.71
2Q2007	13.66	9.95	-	9.95	23.61	13.66	9.95	4.49	14.44	28.10
3Q2007	14.20	9.95	-	9.95	24.15	14.20	9.95	4.59	14.54	28.73
4Q2007	16.15	9.95	-	9.95	26.10	16.15	9.95	4.96	14.91	31.06
1Q2008	16.37	9.95	-	9.95	26.32	16.37	9.95	5.00	14.95	31.32
2Q2008	..	..	..	..	..	..	..	..	..	..



## CZECH REPUBLIC

Table 2 - Average Prices and Taxes in Czech Crowns

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	9.25	8.79	3.97	12.76	22.01
1998	..	..	..	..	..	8.11	9.84	3.95	13.79	21.90
1999	..	..	..	..	..	8.61	10.34	4.17	14.51	23.12
2000	..	..	..	..	..	12.69	10.84	5.18	16.02	28.71
2001	13.97	10.84	5.46	16.30	30.27	11.56	10.84	4.93	15.77	27.33
2002	11.92	10.84	5.01	15.85	27.77	9.32	10.84	4.43	15.27	24.59
2003	12.47	10.84	5.13	15.97	28.44	9.49	10.84	4.47	15.31	24.80
2004	13.59	11.84	5.02	16.86	30.45	10.45	11.84	4.40	16.24	26.69
2005	14.95	11.84	5.09	16.93	31.88	12.09	11.84	4.55	16.39	28.48
2006	15.43	11.84	5.18	17.02	32.45	13.03	11.84	4.73	16.57	29.60
2007	14.92	11.84	5.08	16.92	31.84	12.95	11.84	4.71	16.55	29.50
2Q2007	14.99	11.84	5.10	16.94	31.92	13.14	11.84	4.75	16.59	29.72
3Q2007	15.67	11.84	5.23	17.07	32.73	13.86	11.84	4.88	16.72	30.59
4Q2007	15.88	11.84	5.27	17.11	32.99	13.96	11.84	4.90	16.74	30.71
1Q2008	15.83	11.84	5.26	17.10	32.93	14.05	11.84	4.92	16.76	30.81
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	4824	-	-	-	4824
1998	..	..	..	..	..	5157	-	-	-	5157
1999	..	..	..	..	..	4941	-	-	-	4941
2000	..	..	..	..	..	5704	-	-	-	5704
2001	..	..	..	..	..	5928	-	-	-	5928
2002	7.52	1.57	2.00	3.57	11.09	5681	-	-	-	5681
2003	8.06	1.57	2.12	3.69	11.75	5723	-	-	-	5723
2004	9.21	2.16	2.25	4.41	13.62	5587	-	-	-	5587
2005	9.70	2.16	2.25	4.41	14.11	7006	-	-	-	7006
2006	10.47	2.16	2.40	4.56	15.03	9085	-	-	-	9085
2007	9.93	2.16	2.30	4.46	14.38	7947	-	-	-	7947
2Q2007	9.44	2.16	2.20	4.36	13.80	7816	-	-	-	7816
3Q2007	9.70	2.16	2.25	4.41	14.11	7923	-	-	-	7923
4Q2007	10.96	2.16	2.49	4.65	15.61	8213	-	-	-	8213
1Q2008	11.32	2.16	2.56	4.72	16.04	8947	356	-	356	9303
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	4824	-	-	-	4824	3885	-	194	194	4079
1998	5157	-	-	-	5157	4691	-	1032	1032	5723
1999	4941	-	-	-	4941	5248	-	1155	1155	6403
2000	5650	-	-	-	5650	6781	-	1492	1492	8273
2001	5767	-	-	-	5767	7260	-	1597	1597	8857
2002	5521	-	-	-	5521	7371	-	1622	1622	8993
2003	5564	-	-	-	5564	7434	-	1635	1635	9069
2004	..	..	..	..	..	7566	-	1494	1494	9060
2005	..	..	..	..	..	8639	-	1641	1641	10280
2006	..	..	..	..	..	10316	-	1960	1960	12276
2007	..	..	..	..	..	9847	-	1871	1871	11718
2Q2007	..	..	..	..	..	9677	-	1839	1839	11516
3Q2007	..	..	..	..	..	9862	-	1874	1874	11736
4Q2007	..	..	..	..	..	10302	-	1957	1957	12259
1Q2008	..	..	..	..	..	11081	-	2105	2105	13186
2Q2008	..	..	..	..	..	..	..	..	..	..

## CZECH REPUBLIC

Table 3 - Average Prices and Taxes in Czech Crowns

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	471	-	-	-	471	282	-	-	-	282
1998	509	-	-	-	509	306	-	-	-	306
1999	525	-	-	-	525	333	-	-	-	333
2000	558	-	-	-	558	308	-	-	-	308
2001	579	-	-	-	579	306	-	-	-	306
2002	594	-	-	-	594	279	-	-	-	279
2003	c	c	c	c	c	c	c	c	c	c
2004	c	c	c	c	c	c	c	c	c	c
2005	c	c	c	c	c	c	c	c	c	c
2006	c	c	c	c	c	c	c	c	c	c
2007	c	c	c	c	c	c	c	c	c	c
2Q2007	c	c	c	c	c	c	c	c	c	c
3Q2007	c	c	c	c	c	c	c	c	c	c
4Q2007	c	c	c	c	c	c	c	c	c	c
1Q2008	c	c	c	c	c	c	c	c	c	c
2Q2008	c	c	c	c	c	c	c	c	c	c
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	747	-	373	373	1120	1657	-	-	-	1657
1998	1192	-	262	262	1454	1741	-	-	-	1741
1999	1283	-	282	282	1565	1824	-	-	-	1824
2000	1325	-	291	291	1616	1820	-	-	-	1820
2001	1324	-	291	291	1615	1953	-	-	-	1953
2002	1353	-	298	298	1651	1998	-	-	-	1998
2003	1389	-	306	306	1695	c	c	c	c	c
2004	1445	-	285	285	1730	c	c	c	c	c
2005	1492	-	284	284	1776	c	c	c	c	c
2006	1674	-	318	318	1992	c	c	c	c	c
2007	2089	-	397	397	2486	c	c	c	c	c
2Q2007	1951	-	371	371	2322	c	c	c	c	c
3Q2007	2059	-	391	391	2450	c	c	c	c	c
4Q2007	2354	-	447	447	2801	c	c	c	c	c
1Q2008	2534	-	482	482	3016	c	c	c	c	c
2Q2008	..	..	..	..	..	c	c	c	c	c
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1.64	-	-	-	1.64	1.11	-	0.06	0.06	1.17
1998	1.67	-	-	-	1.67	1.31	-	0.29	0.29	1.60
1999	1.67	-	-	-	1.67	1.45	-	0.32	0.32	1.77
2000	1.66	-	-	-	1.66	1.72	-	0.38	0.38	2.10
2001	1.62	-	-	-	1.62	1.86	-	0.41	0.41	2.27
2002	1.61	-	-	-	1.61	2.04	-	0.45	0.45	2.49
2003	1.58	-	-	-	1.58	1.95	-	0.43	0.43	2.38
2004	1.70	-	-	-	1.70	2.08	-	0.41	0.41	2.49
2005	1.93	-	-	-	1.93	2.13	-	0.40	0.40	2.53
2006	2.12	-	-	-	2.12	2.32	-	0.44	0.44	2.76
2007	2.34	-	-	-	2.34	2.49	-	0.47	0.47	2.96
2Q2007	2.30	-	-	-	2.30	2.49	-	0.47	0.47	2.96
3Q2007	2.33	-	-	-	2.33	2.49	-	0.47	0.47	2.96
4Q2007	2.39	-	-	-	2.39	2.49	-	0.47	0.47	2.96
1Q2008	2.57	0.03	-	0.03	2.60	2.72	-	0.52	0.52	3.27
2Q2008	..	..	..	..	..	..	..	..	..	..

**CZECH REPUBLIC**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2000 = 100	Wholesale 2000 = 100	Retail 2000 = 100	Wholesale 1995 = 100	Retail 2000 = 100	Wholesale 2000 = 100	Retail 2000 = 100
1987	..	27.7	24.6	21.1	40.0	14.6	46.9	13.3
1988	..	27.7	24.6	20.9	40.0	15.1	46.9	13.3
1989	..	27.7	25.1	20.9	28.6	14.8	50.2	13.3
1990	..	37.3	29.0	20.9	33.1	14.8	48.8	13.3
1991	..	57.0	66.8	23.8	76.2	28.1	71.4	30.4
1992	..	57.6	79.9	35.5	91.1	34.7	77.9	38.7
1993	..	65.4	82.3	37.4	93.8	36.4	84.6	45.2
1994	..	67.3	87.4	39.3	99.6	38.6	82.6	48.2
1995	..	67.0	87.7	43.5	100.0	42.6	83.1	57.7
1996	..	70.5	89.1	48.4	..	47.2	86.3	62.8
1997	..	75.8	90.4	56.3	..	55.0	92.9	71.5
1998	..	75.7	94.3	78.4	..	77.8	98.2	91.5
1999	..	80.1	96.7	86.8	..	87.0	104.9	97.7
2000	..	100.0	100.0	100.0	..	100.0	100.0	100.0
2001	..	94.9	105.9	114.8	..	131.1	102.2	102.4
2002	..	85.9	110.8	125.6	..	133.1	101.9	105.3
2003	..	87.1	107.4	119.8	..	134.6	102.2	107.5
2004	..	94.2	112.6	121.9	..	135.9	107.8	112.1
2005	..	100.9	122.5	126.8	..	153.4	126.4	116.0
2006	..	103.9	133.4	138.1	..	182.8	125.6	124.7
2007	..	103.6	145.7	149.0	..	173.7	..	146.0
2Q2000	..	99.9	92.9	100.0	..	100.0	99.0	97.8
3Q2000	..	105.0	92.9	100.0	..	100.0	99.5	99.5
4Q2000	..	102.6	107.1	100.0	..	100.0	99.7	102.7
1Q2001	..	91.4	111.8	114.8	..	124.1	101.1	104.3
2Q2001	..	98.1	100.0	114.8	..	124.1	100.9	101.2
3Q2001	..	99.4	100.0	114.8	..	138.0	102.8	100.5
4Q2001	..	90.5	111.8	114.8	..	138.0	103.8	103.5
1Q2002	..	82.1	115.1	125.6	..	144.4	101.8	106.0
2Q2002	..	87.4	106.5	125.6	..	132.6	101.6	103.5
3Q2002	..	86.4	106.5	125.6	..	132.6	101.9	104.6
4Q2002	..	87.7	115.0	125.6	..	122.8	102.3	107.0
1Q2003	..	89.7	110.4	119.8	..	128.0	102.5	108.5
2Q2003	..	87.4	104.5	119.8	..	138.1	100.8	106.0
3Q2003	..	85.6	104.5	119.8	..	138.1	102.4	106.8
4Q2003	..	85.5	110.0	119.8	..	134.0	103.1	108.7
1Q2004	..	89.3	113.9	123.9	..	138.1	103.2	111.9
2Q2004	..	95.3	111.2	121.9	..	131.2	102.3	109.0
3Q2004	..	96.2	111.3	120.9	..	130.1	103.2	111.7
4Q2004	..	96.0	114.0	120.9	..	144.3	122.5	115.9
1Q2005	..	88.7	123.2	126.8	..	146.3	126.0	116.4
2Q2005	..	98.4	121.7	126.8	..	143.0	126.2	112.4
3Q2005	..	108.3	121.7	126.8	..	149.2	127.0	115.1
4Q2005	..	108.0	123.4	126.8	..	175.1	126.6	120.0
1Q2006	..	99.7	133.6	138.1	..	183.4	127.9	121.9
2Q2006	..	106.9	133.1	138.1	..	185.9	124.6	119.1
3Q2006	..	109.5	133.1	138.1	..	185.9	124.2	124.3
4Q2006	..	99.7	133.7	138.1	..	175.8	125.7	133.4
1Q2007	..	95.4	146.1	149.0	..	168.4	..	141.4
2Q2007	..	104.0	145.3	149.0	..	170.7	..	139.7
3Q2007	..	106.7	145.3	149.0	..	173.6	..	144.6
4Q2007	..	108.2	146.1	149.0	..	182.1	..	158.3
1Q2008	..	109.0	163.0	163.2	..	196.3	..	170.1
2Q2008	..	..	..	..	..	..	..	..

# CZECH REPUBLIC

## GENERAL NOTES

From 1Q01 onwards, prices and taxes are based on surveys conducted by the Czech Statistical Office.

The prices of oil products are based on information on prices and quantities sold by the network of respondents in the whole Czech Republic. The prices of natural gas and electricity represent the average of the total sales and quantities sold in the whole Czech Republic.

The independent Czech Republic originated on 1 January 1993. The prices and taxes listed before 1Q93 are for Czechoslovakia. Certain historical series have been revised by the Czech Administration.

Notes submitted by the Czech Administration refer to prices and taxes after 1 January 1993.

**General Tax (VAT):** VAT is not contained in the prices and taxes shown for industry and electricity generation and automotive diesel for commercial purposes because it is refunded.

**Sources:** Ministry of Industry and Trade of the Czech Republic; Ministry of Finance of the Czech Republic, Czech Statistical Office.

## OIL PRODUCTS

### High Sulphur Fuel Oil

#### General Tax (VAT)

From	To	%
01.01.93	30.06.94	5
01.07.94	31.12.94	23
01.01.95	30.04.04	22
01.05.04	now	19

#### Excise Tax

From	To	CZK/tonne
01.01.04	now	472

#### Specifications

Average Density:	0.99 t/kl
Sulphur Content:	≤ 3%
NCV:	9 532 kcal/kg

### Low Sulphur Fuel Oil

#### General Tax (VAT)

From	To	%
01.01.01	30.04.04	22
01.05.04	now	19

#### Excise Tax

From	To	CZK/tonne
01.01.04	now	472

#### Specifications

Average Density:	0.91 t/kl
Sulphur Content:	≤ 1%
NCV:	9 793 kcal/kg

### Light Fuel Oil

#### General Tax (VAT)

From	To	%
01.01.93	30.06.94	5
01.07.94	31.12.94	23
01.01.95	30.04.04	22
01.05.04	now	19

#### Excise Tax

From	To	CZK/kl	CZK/tonne
01.01.95	31.12.95	2 000	2 200
01.01.96	31.12.97	7 589	8 340
01.01.98	30.06.99	7 917	8 700
01.07.99	31.12.03	8 150	9 477
01.01.04	now	9 950	11 570

As of 1 January 1996, the excise tax of LFO used for generation of thermal energy is refunded. As of 1 January 2004, the excise tax of LFO used for generation of thermal energy is partly refunded (9 290 CZK/kl); the country tables take this rebate into account.

#### Specifications

From	To	Sulphur Content (%)	Avg Density (t/kl)	NCV (kcal/kg)
Prior to	31.03.99	≤ 2	0.91	9 797
01.04.99	31.12.00	≤ 1	0.86	9 797
01.01.01	31.12.07	≤ 0.2	0.86	10 031
01.01.07	now	≤ 0.05	0.86	10 263

### Automotive Diesel

#### General Tax (VAT)

From	To	%
01.01.93	31.12.94	23
01.01.95	30.04.04	22
01.05.04	now	19

**Excise Tax**

From	To	CZK/ litre	CZK/ tonne
01.01.93	31.12.94	6.95	8 250
01.01.95	31.12.95	7.03	8 340
01.01.98	30.06.99	7.33	8 700
01.07.99	31.12.03	8.15	9 668
01.01.04	now	9.95	11 803

**Specifications**

Average density:	0.843 t/kl
NCV:	10 177 kcal/kg

**Gasoline****General Tax (VAT)**

From	To	%
01.01.93	31.12.94	23
01.01.95	30.04.04	22
01.05.04	now	19

**Excise Tax****Leaded**

From	To	CZK/ litre	CZK/ tonne
01.01.93	31.12.93	8.20	10 800
01.01.94	31.12.94	8.71	11 465
01.01.95	31.12.97	8.79	11 570
01.01.98	30.06.99	9.842	12 950
01.07.99	31.12.00	10.84	14 263
01.01.01	now	no longer consumed	

**Unleaded**

From	To	CZK/ litre	CZK/ tonne
01.01.93	31.12.93	7.18	9 390
01.01.94	31.12.94	7.69	10 055
01.01.95	31.12.95	7.77	10 160
01.01.96	31.12.97	8.79	11 570
01.01.98	30.06.99	9.84	12 950
01.07.99	31.12.03	10.84	14 263
01.01.04	now	11.84	15 579

**Specifications***Premium Unleaded 98 RON gasoline*

Quality: Super Plus 98

*Premium Unleaded 95 RON gasoline*

Quality: Natural 95

*Regular Unleaded 91RON gasoline*

Quality: Special 91, Natural 91, Normal 91

Density: 0.760 t/kl (average)

NCV: 10 412 kcal/kg

Premium Leaded 96 RON and Regular Leaded 91 RON gasoline have not been sold since 2001.

**Automotive LPG****General Tax (VAT)**

From	To	%
01.01.93	31.12.97	5
01.01.98	30.04.04	22
01.05.04	now	19

**Excise Tax**

From	To	CZK/ litre	CZK/ tonne
01.01.93	31.12.97	1.30	2 370
01.01.98	31.12.03	1.57	2 850
01.01.04	now	2.16	3 930

**Specifications**

Average density: 0.550 t/kl

**NATURAL GAS****General Tax (VAT)**

From	To	%
01.01.93	31.12.97	5
01.01.98	30.04.04	22
01.05.04	now	19

**Excise Tax (VAT)**

From	To	CZK/ litre	CZK/ tonne
01.01.93	31.12.97	1.30	2 370
01.01.98	31.12.03	1.57	2 850
01.01.04	now	2.16	3 930

**Specifications****GCV:**

From	To	kcal/ m <sup>3</sup>
Prior to	31.12.00	8 200
01.01.01	now	9 030

On 1 January 2008 the council directive 90/377/EEC was amended by the commission decision 2007/394/EC of 7<sup>th</sup> June 2007. The standard consumers were replaced by the standard consumption bands and average prices at 1<sup>st</sup> day of current quarter were replaced by the average prices for the previous quarter, or half-year. Since 1 January 2008, in accord with the new methodology, there is a change of calculation of

the average quarterly prices of natural gas for industry. Average prices are calculated as a weighted arithmetic average of average prices for the individual standard bands and their share on the annual consumption.

From 2006 to 2007, prices represent the average of the total sales and quantities sold.

From 2002 to 2005 average prices were calculated for individual reference consumers based on the Council Directive 90/337/EEC.

## COAL

### General Tax (VAT)

From	To	%
01.01.93	31.12.97	5
01.01.98	30.04.04	22
01.05.04	now	19

As of 4Q96, coal prices for industry are calculated as the unweighted arithmetic average of prices from selected types of coal collected from producers, and do not include transport costs. The prices for households represent average consumer prices of coal sold by the network of stores in the entire Czech Republic.

### *Steam Coal for Industry*

#### Specifications

Quality:	Brown coal, industrial mixtures
NCV:	3 500 - 4 000 kcal/kg

### *Steam Coal for Electricity Generation*

#### Specifications

Quality:	Brown coal, industrial mixtures
NCV:	2 100 - 3 000 kcal/kg

### *Steam Coal for Households*

#### Specifications

Quality:	Brown coal/Nut coal No.1 (orech 1)
NCV:	3 500 - 4 000 kcal/kg

### *Coking Coal for Industry*

#### Specifications

NCV:	6 500 kcal/kg
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## ELECTRICITY

### General Tax (VAT)

From	To	%
01.01.93	31.12.97	5
01.01.98	30.04.04	22
01.05.04	now	19

### Excise Tax

From	To	CZK/MWh
01.01.08	now	28.30

At 1<sup>st</sup> January 2008 the council directive 90/377/EEC was amended by the commission decision 2007/394/EC of 7<sup>th</sup> June 2007. The standard consumers were replaced by the standard consumption bands and average prices at the 1<sup>st</sup> day of the current quarter were replaced by the average prices for the previous quarter, or half-year.

Since 1 January 2008, in accord with the new methodology, there is a change of calculation of the average quarterly prices of electricity for industry total (for the first time for 1Q2008). Average prices are calculated as a weighted arithmetic average of average prices for the individual standard bands and their share on the annual consumption.

From 1 January 2004 to 31 December 2007, average prices were calculated for individual reference consumers based on the Council Directive 90/337/EEC. Prior to 2004 average prices of electricity for industry and households were calculated from the quarterly surveys and were adjusted for structural influences using the industrial producer price index.

## ENERGY PRICE INDICES

**Source:** Correspondence with Czech Statistical Office.

**Wholesale:** indices are related to indices of industrial producer prices calculated according to the CPA classification.

**Retail:** indices are related to indices of consumer prices calculated according to the COICOP (Classification of Individual Consumption by Purpose).

### *Oil Products*

**Wholesale:** Indices of producer prices of oil products excluding VAT and cost of transport to consumer and related costs.

Retail: Indices of consumer prices of fuels including VAT, excise tax cost of transport to petrol stations and related costs.

### ***Electricity***

Wholesale: Indices of producer prices of electricity excluding VAT and including cost of transport to consumer and related costs.

Retail: Indices of consumer prices of electricity including VAT, cost of transport to consumer and related costs.

### ***Natural Gas***

Retail: Indices of consumer prices of natural gas including VAT, cost of transport to consumer and related costs.

### ***Coal***

Wholesale: Indices of producer prices of coal excluding VAT and cost of transfer to consumer and related costs.

Retail: Indices of consumer prices of coal including VAT, cost of transport to consumer and related costs.

## DENMARK

Table 1 - Average Prices and Taxes in Danish Crowns

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	918	320	-	320	1238	..	..	..	..	..
1998	686	356	-	356	1042	..	..	..	..	..
1999	830	374	-	374	1204	..	..	..	..	..
2000	1429	388	-	388	1817	..	..	..	..	..
2001	1359	388	-	388	1747	..	..	..	..	..
2002	1479	388	-	388	1867	..	..	..	..	..
2003	1641	388	-	388	2029	..	..	..	..	..
2004	1309	388	-	388	1697	..	..	..	..	..
2005	1958	359	-	359	2317	..	..	..	..	..
2006	2225	359	-	359	2584	..	..	..	..	..
2007	2295	359	-	359	2654	..	..	..	..	..
2Q2007	2193	359	-	359	2552	..	..	..	..	..
3Q2007	2453	359	-	359	2813	..	..	..	..	..
4Q2007	2614	359	-	359	2973	..	..	..	..	..
1Q2008	2701	365	-	365	3066	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1823	247	-	247	2070	1771	1760	883	2643	4414
1998	1584	260	-	260	1844	1512	1865	844	2709	4221
1999	1881	216	-	216	2097	1777	1970	937	2907	4684
2000	2825	243	-	243	3068	2470	2000	1117	3117	5587
2001	2701	243	-	243	2944	2469	2050	1130	3180	5649
2002	2618	243	-	243	2861	2363	2073	1109	3182	5545
2003	2737	243	-	243	2980	2468	2100	1142	3242	5710
2004	2980	243	-	243	3223	2710	2100	1203	3303	6013
2005	3881	219	-	219	4100	3615	2100	1429	3529	7144
2006	4207	219	-	219	4426	3941	2100	1510	3610	7551
2007	4243	219	-	219	4462	3977	2100	1519	3619	7596
2Q2007	4081	219	-	219	4300	3815	2100	1479	3579	7394
3Q2007	4263	219	-	219	4481	3996	2100	1524	3624	7620
4Q2007	4782	219	-	219	5001	4516	2100	1654	3754	8270
1Q2008	5037	222	-	222	5260	4738	2137	1719	3856	8593
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2.260	1.630	-	1.630	3.890	1.856	2.290	1.037	3.327	5.183
1998	2.493	1.630	-	1.630	4.123	1.836	2.290	1.032	3.322	5.158
1999	2.065	2.430	-	2.430	4.495	2.062	2.430	1.123	3.553	5.615
2000	3.106	2.570	-	2.570	5.676	3.103	2.570	1.418	3.988	7.091
2001	2.851	2.705	-	2.705	5.556	2.854	2.705	1.390	4.095	6.949
2002	2.681	2.750	-	2.750	5.431	2.684	2.750	1.359	4.109	6.793
2003	2.674	2.750	-	2.750	5.424	2.678	2.750	1.357	4.107	6.785
2004	2.704	2.750	-	2.750	5.454	2.707	2.750	1.364	4.114	6.821
2005	3.400	2.730	-	2.730	6.130	3.400	2.730	1.533	4.263	7.663
2006	3.811	2.730	-	2.730	6.541	3.814	2.730	1.636	4.366	8.180
2007	3.873	2.730	-	2.730	6.603	3.875	2.730	1.651	4.381	8.256
2Q2007	3.745	2.730	-	2.730	6.475	3.748	2.730	1.620	4.350	8.098
3Q2007	3.925	2.730	-	2.730	6.655	3.928	2.730	1.665	4.395	8.323
4Q2007	4.419	2.730	-	2.730	7.149	4.422	2.730	1.788	4.518	8.940
1Q2008	4.640	2.730	-	2.730	7.370	4.644	2.730	1.843	4.573	9.217
2Q2008	..	..	..	..	..	..	..	..	..	..



## DENMARK

Table 2 - Average Prices and Taxes in Danish Crowns

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2.120	3.320	1.360	4.680	6.800	2.011	3.320	1.333	4.653	6.664
1998	1.888	3.370	1.315	4.685	6.573	1.772	3.370	1.286	4.656	6.428
1999	2.110	3.770	1.470	5.240	7.350	1.998	3.770	1.442	5.212	7.210
2000	2.929	3.870	1.700	5.570	8.499	2.817	3.870	1.672	5.542	8.359
2001	2.708	3.970	1.669	5.639	8.347	2.595	3.970	1.641	5.611	8.206
2002	2.636	4.070	1.676	5.746	8.382	2.485	4.070	1.639	5.709	8.194
2003	2.681	4.070	1.688	5.758	8.439	2.502	4.070	1.643	5.713	8.215
2004	2.819	4.070	1.722	5.792	8.611	2.646	4.070	1.679	5.749	8.395
2005	3.423	4.030	1.863	5.893	9.316	3.193	4.030	1.806	5.836	9.029
2006	3.875	4.030	1.976	6.006	9.881	3.637	4.030	1.917	5.947	9.584
2007	3.996	4.030	2.007	6.037	10.033	3.765	4.030	1.949	5.979	9.744
2Q2007	4.273	4.030	2.076	6.106	10.379	4.041	4.030	2.018	6.048	10.088
3Q2007	4.084	4.030	2.028	6.058	10.142	3.853	4.030	1.971	6.001	9.854
4Q2007	4.232	4.030	2.065	6.095	10.327	4.000	4.030	2.008	6.038	10.038
1Q2008	4.294	4.103	2.099	6.202	10.497	4.062	4.103	2.041	6.144	10.206
2Q2008	..	..	..	..	..	..	..	..	..	..
Regular Unleaded (92 RON) Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1.946	3.320	1.317	4.637	6.583	c	c	c	c	c
1998	1.718	3.370	1.272	4.642	6.360	c	c	c	c	c
1999	1.950	3.770	1.430	5.200	7.150	c	c	c	c	c
2000	2.769	3.870	1.660	5.530	8.299	c	c	c	c	c
2001	2.548	3.970	1.629	5.599	8.147	c	c	c	c	c
2002	2.428	4.070	1.625	5.695	8.123	c	c	c	c	c
2003	2.467	4.070	1.634	5.704	8.171	c	c	c	c	c
2004	2.598	4.070	1.667	5.737	8.335	c	c	c	c	c
2005	3.145	4.030	1.794	5.824	8.969	c	c	c	c	c
2006	3.589	4.030	1.905	5.935	9.524	c	c	c	c	c
2007	3.717	4.030	1.937	5.967	9.684	c	c	c	c	c
2Q2007	3.993	4.030	2.006	6.036	10.028	c	c	c	c	c
3Q2007	3.805	4.030	1.959	5.989	9.794	c	c	c	c	c
4Q2007	3.952	4.030	1.996	6.026	9.978	c	c	c	c	c
1Q2008	4.014	4.103	2.029	6.132	10.146	c	c	c	c	c
2Q2008	..	..	..	..	..	c	c	c	c	c
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	c	c	c	c	c	3350	230	895	1125	4475
1998	c	c	c	c	c	3106	350	864	1214	4320
1999	c	c	c	c	c	1965	1690	914	2604	4569
2000	c	c	c	c	c	2938	1820	1189	3009	5947
2001	c	c	c	c	c	2541	2180	1180	3360	5901
2002	c	c	c	c	c	2302	2240	1135	3375	5677
2003	c	c	c	c	c	2470	2240	1177	3417	5887
2004	c	c	c	c	c	2803	2240	1261	3501	6304
2005	c	c	c	c	c	3767	2242	1502	3744	7511
2006	c	c	c	c	c	..	..	..	..	..
2007	c	c	c	c	c	..	..	..	..	..
2Q2007	c	c	c	c	c	..	..	..	..	..
3Q2007	c	c	c	c	c	..	..	..	..	..
4Q2007	c	c	c	c	c	..	..	..	..	..
1Q2008	c	c	c	c	c	..	..	..	..	..
2Q2008	c	c	c	c	c	..	..	..	..	..

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Table 3 - Average Prices and Taxes in Danish Crowns

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1085	1191	569	1760	2845	x	x	x	x	x
1998	1188	1392	645	2037	3225	x	x	x	x	x
1999	1187	1491	669	2160	3347	x	x	x	x	x
2000	1083	1639	681	2320	3403	x	x	x	x	x
2001	1225	1689	728	2417	3642	x	x	x	x	x
2002	1300	1763	766	2529	3829	x	x	x	x	x
2003	..	..	..	..	..	x	x	x	x	x
2004	..	..	..	..	..	x	x	x	x	x
2005	..	..	..	..	..	x	x	x	x	x
2006	..	..	..	..	..	x	x	x	x	x
2007	..	..	..	..	..	x	x	x	x	x
2Q2007	..	..	..	..	..	x	x	x	x	x
3Q2007	..	..	..	..	..	x	x	x	x	x
4Q2007	..	..	..	..	..	x	x	x	x	x
1Q2008	..	..	..	..	..	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.3650	0.0590	-	0.0590	0.4240	0.5316	0.5000	0.2579	0.7579	1.2895
1998	0.3781	0.0790	-	0.0790	0.4571	0.5669	0.5750	0.2855	0.8605	1.4274
1999	0.3642	0.0930	-	0.0930	0.4572	0.5631	0.5940	0.2893	0.8833	1.4464
2000	0.3876	0.0790	-	0.0790	0.4666	0.6401	0.6374	0.3194	0.9568	1.5969
2001	0.4202	0.0760	-	0.0760	0.4962	0.6329	0.6651	0.3245	0.9896	1.6225
2002	0.4728	0.0760	-	0.0760	0.5488	0.6545	0.6622	0.3292	0.9914	1.6459
2003	0.5310	0.0710	-	0.0710	0.6020	0.6560	0.6930	0.3373	1.0303	1.6863
2004	0.5240	0.0500	-	0.0500	0.5740	0.6900	0.6660	0.3390	1.0050	1.6950
2005	..	..	..	..	..	0.7469	0.6660	0.3532	1.0192	1.7661
2006	..	..	..	..	..	0.8650	0.6660	0.3830	1.0490	1.9140
2007	..	..	..	..	..	0.8305	0.6683	0.3748	1.0430	1.8735
2Q2007	..	..	..	..	..	0.7620	0.6660	0.3570	1.0230	1.7850
3Q2007	..	..	..	..	..	0.7700	0.6660	0.3590	1.0250	1.7950
4Q2007	..	..	..	..	..	0.8950	0.6750	0.3930	1.0680	1.9630
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**DENMARK**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale 2000 = 100	Retail 2000 = 100	Wholesale	Retail 2000 = 100	Wholesale	Retail 2000 = 100	Wholesale	Retail 2000 = 100
1987	60.2	..	..	..	..	..	..	..
1988	57.3	..	..	..	..	..	..	..
1989	67.1	..	..	..	..	..	..	..
1990	71.2	..	..	..	..	..	..	..
1991	69.0	..	..	..	..	..	..	..
1992	61.8	..	..	..	..	..	..	..
1993	61.7	..	..	..	..	..	..	..
1994	58.1	..	..	..	..	..	..	..
1995	57.0	..	..	..	..	..	..	..
1996	65.8	..	..	..	..	..	..	..
1997	69.6	..	..	..	..	..	..	..
1998	59.8	..	..	..	..	..	..	..
1999	67.3	..	..	..	..	..	..	..
2000	100.0	100.0	..	100.0	..	100.0	..	100.0
2001	95.1	98.6	..	106.4	..	102.4	..	100.7
2002	89.3	98.0	..	110.8	..	94.4	..	101.4
2003	92.9	98.7	..	113.9	..	97.6	..	102.2
2004	107.8	103.8	..	114.0	..	104.4	..	102.1
2005	145.3	116.3	..	118.2	..	121.2	..	100.4
2006	163.4	123.4	..	125.6	..	128.1	..	103.8
2007	170.9	124.2	..	126.1	..	120.6	..	106.8
2Q2000	95.3	99.9	..	100.4	..	97.0	..	99.8
3Q2000	105.3	102.6	..	100.4	..	99.1	..	99.8
4Q2000	111.0	101.3	..	99.5	..	108.9	..	100.5
1Q2001	95.1	98.2	..	105.2	..	104.6	..	100.7
2Q2001	102.3	103.3	..	105.4	..	101.9	..	100.7
3Q2001	97.5	100.2	..	107.1	..	102.9	..	100.7
4Q2001	85.4	92.9	..	107.9	..	100.3	..	100.8
1Q2002	86.5	94.7	..	110.5	..	91.7	..	101.3
2Q2002	90.4	99.2	..	110.9	..	94.7	..	101.4
3Q2002	90.3	99.1	..	110.3	..	94.7	..	101.4
4Q2002	90.0	99.0	..	111.6	..	96.6	..	101.5
1Q2003	101.2	103.6	..	117.1	..	98.3	..	101.6
2Q2003	87.0	96.4	..	115.8	..	101.1	..	101.6
3Q2003	90.4	98.4	..	110.7	..	94.4	..	102.4
4Q2003	92.8	96.6	..	111.8	..	96.5	..	103.0
1Q2004	93.7	98.4	..	115.2	..	97.5	..	103.5
2Q2004	103.7	103.2	..	114.1	..	101.6	..	103.7
3Q2004	111.9	106.4	..	112.8	..	105.5	..	101.7
4Q2004	121.7	107.2	..	113.9	..	112.9	..	99.7
1Q2005	123.3	106.1	..	115.9	..	111.8	..	102.3
2Q2005	137.9	113.5	..	118.7	..	118.8	..	101.8
3Q2005	159.3	123.9	..	118.5	..	123.8	..	99.3
4Q2005	160.8	121.8	..	119.7	..	130.4	..	98.3
1Q2006	161.4	121.2	..	121.0	..	127.0	..	101.0
2Q2006	171.7	127.9	..	126.1	..	130.6	..	102.5
3Q2006	168.0	128.2	..	126.2	..	132.6	..	104.4
4Q2006	152.6	116.4	..	129.0	..	122.3	..	107.1
1Q2007	147.2	116.4	..	132.8	..	115.9	..	106.7
2Q2007	172.2	125.4	..	123.8	..	118.1	..	107.1
3Q2007	175.4	125.8	..	125.0	..	122.2	..	106.4
4Q2007	188.9	129.2	..	122.9	..	126.3	..	106.8
1Q2008	196.7	135.2	..	134.0	..	131.6	..	105.0
2Q2008	..	..	..	..	..	..	..	..

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## GENERAL NOTES

From 1Q93 onwards, quarterly prices refer to daily averages. From 1Q85 to 4Q92, quarterly prices refer to the second month of each quarter. Prior to 1Q85, prices refer to the first month of each quarter. See individual products for exceptions.

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel oil for commercial purposes because it is refunded.

From	To	%
01.01.78	01.10.78	18
02.10.78	30.06.80	20
01.07.80	31.12.91	22
01.01.92	now	25

### Special Taxes

**Labour Market Tax:** From 1 February 1989 to 31 December 1991, this compulsory labour market tax, fixed at 2.5% of the basis of calculation of VAT, was imposed upon enterprises.

**CO<sub>2</sub> Tax:** From January 1993 onwards, a CO<sub>2</sub> tax of 50 DKK/tonne is levied on VAT-registered enterprises. From May 1992 to December 1992, a CO<sub>2</sub> tax of 100 DKK/ tonne of CO<sub>2</sub> was levied on private energy consumption (household and public service).

**Energy Tax:** The energy tax is differentiated even more than the CO<sub>2</sub> tax, different tax rates applying both for different energy products and for different uses of the same product. Fuels for electricity generation are exempt from the tax, as it applies as an output tax on electricity.

**Sulphur Tax:** From 1996 to 2000, in an effort to encourage a further shift from sulphur-rich to sulphur-poor fuels in combustion processes, e.g. from high-sulphur to low-sulphur coal or to natural gas, a sulphur tax of 10 DKK/kg SO<sub>2</sub> was phased in. The tax is differentiated only according to the sulphur content of fuels (not on energy use). Prior to end-1999, fuels used for electricity generation were exempt from the tax, but the tax rate for electricity was calculated according to individual power plants' sulphur quotas. As a special concession, the 1996 rate will apply to coal used in certain high energy-consuming boilers and furnaces for a maximum transition period of 20 years.

## OIL PRODUCTS

From 1975 to December 1985, major oil products were subject to maximum price legislation.

**Sources:** Konkurrencestyrelsen, Copenhagen, following specifications of EC decision of 26 January 1977. Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### Low Sulphur Fuel Oil

#### Special Taxes

##### Environment Tax

From	To	DKK/ tonne
15.05.92	31.12.04	320
01.01.05	31.12.07	288
01.01.08	now	293

The portion of the environment tax that is refunded to industry is as follows:

From	To	%
15.05.92	31.12.92	100
01.01.93	31.12.96	50
01.01.97	31.12.97	40
01.01.98	31.12.98	30
01.01.99	31.12.99	20
01.01.00	now	10

##### Sulphur Tax

From	To	DKK/ tonne
01.01.96	31.12.96	94
01.01.97	31.12.97	78
01.01.98	31.12.98	98
01.01.99	31.12.99	118
01.01.00	31.12.07	100
01.01.08	now	102

**Compulsory Storage Fee:** These amounts are included in the price but not in the tax column for the periods for which it was applied.

From	To	DKK/ tonne
01.01.79	31.03.79	25
01.04.79	30.06.79	5
01.07.82	31.05.85	25

Prices shown represent the average heavy fuel oil price to the light-process industrial sector and are the amounts actually paid (after rebates). Short- and long-term rebates, which occur frequently, have been deducted.

**Specifications**

Quality: Svaer Fuelolie

Sulphur Content:

From	To	%
Prior to	30.09.85	2-3
01.10.85	31.01.89	1.5
01.02.89	31.12.95	1
01.01.96	31.12.96	0.87
01.01.97	31.12.97	0.69
01.01.98	now	0.5

Viscosity: 3 500 Ns/m<sup>2</sup>, in redwood at 80°

Delivery Size: ≥ 1 000 tonnes/year

Average Density: 0.975 t/kl

NCV: 9 650 kcal/t

**Heavy Fuel Oil for Electricity Generation**

Prices shown are quarterly averages of CIF import prices for cargoes of 30-50 thousand tonnes. Only very small amounts are used for electricity generation (approximately 2% of total inputs).

**Light Fuel Oil****General Tax (VAT):** See general notes for Denmark.**Excise Tax:** Amounts are not included in the industry price and tax columns as they are refunded.

From	To	DKK/ kl
01.01.79	30.06.79	72
01.07.79	30.09.80	305
01.10.80	12.12.85	367
13.12.85	28.02.86	480
01.03.86	21.03.86	610
22.03.86	17.10.86	1 540
18.10.86	13.11.87	1 850
14.11.87	14.05.92	1 760
15.05.92	30.06.98	490
01.07.98	31.12.99	1 700
01.01.00	31.12.00	1 730
01.01.01	31.12.01	1 780
01.01.02	31.12.04	1 830
01.01.05	31.12.07	1 857
01.01.08	now	1 890

**Special Taxes***Environment Tax*

From	To	DKK/ kl
15.05.92	31.12.04	270
01.01.05	31.12.07	243
01.01.08	now	247

The following amounts of environmental tax are refunded for industry:

From	To	%
01.01.93	31.12.95	50
01.01.96	31.12.96	37
01.01.97	31.12.97	23
01.01.98	now	10

*Compulsory Storage Fee:* This fee is included in the price but not in the tax column for the periods during which it was levied.

From	To	DKK/ kl
01.01.79	01.11.79	25.40
01.03.81	30.06.81	25.05
01.07.81	31.05.85	41.72

Industry prices represent the average price in the light-process industrial sector.

**Specifications**

Quality: Fyringsolie

Average Density: 0.8594 t/kl

Delivery Size: 2 - 5 t/year

NCV: 10 175 kcal/t

**Automotive Diesel****General Tax (VAT):** Applies to non-commercial use. See general notes for Denmark.

**Excise Tax:** From 1 July 1991 onwards, only 0.66 DKK/litre of the excise tax is refunded to industrial consumers, as shown in the tax column. The price and tax shown in the column is the price and tax actually paid. Prior to 1 July 1991, the excise tax was not included in the price as it was refunded to commercial and industrial consumers.

From	To	DKK/ litre
01.01.79	30.06.79	0.07
01.07.79	30.09.80	0.30
01.10.80	12.12.85	0.36
13.12.85	28.02.86	0.48
01.03.86	21.03.86	0.61
22.03.86	17.10.86	1.54
18.10.86	13.11.87	1.85
14.11.87	14.05.92	1.76
15.05.92	30.09.92	1.49
01.10.92	31.12.94	1.67
01.01.95	31.12.95	1.90
01.01.96	31.12.96	1.92
01.01.97	31.05.99	2.02
01.06.99	31.03.01	2.30
01.04.01	31.12.04	2.48
01.01.05	now	2.487

**Special Taxes**

*Environment Tax:* This tax is not refundable to industrial consumers.

From	To	DKK/ litre
15.05.92	31.12.04	0.27
01.01.05	now	0.243

*Compulsory Storage Fee:* These amounts are included in the price but not in the tax column for the periods for which it was levied.

From	To	DKK/ litre
01.01.79	01.11.79	0.025
01.03.81	30.06.81	0.025
01.07.82	31.05.85	0.041

Prices refer to prices at self-service stations. Short- and long-term rebates, which occur frequently, have been deducted.

**Specifications**

Quality:	Diesel
Average Density:	0.845 t/kl
Cetane Number:	46
NCV:	10 175 kcal/t

**Gasoline**

**General Tax (VAT):** See general notes for Denmark.

**Excise Tax**

Leaded

From	To	DKK/ litre
01.01.79	30.06.79	1.32
01.07.79	30.06.80	1.82
01.07.80	14.06.82	1.92
15.06.82	31.12.82	2.25
01.01.83	31.12.85	2.27
01.01.86	28.02.86	2.52
01.03.86	31.03.86	2.77
01.04.86	31.05.89	3.70
01.06.89	31.12.89	3.62
01.01.90	30.06.90	3.26
01.07.90	10.07.92	2.90
11.07.92	17.03.93	2.74
18.03.93	31.12.93	2.46
01.01.94	31.03.94	2.66
01.04.94	30.09.94	2.71
01.10.94	31.12.94	2.76
01.01.95	31.03.95	3.11
01.04.95	06.04.95	3.16
07.04.95	30.09.95	3.18
01.10.95	31.12.95	3.23

Unleaded

From	To	DKK/ litre
01.01.83	17.10.86	2.27
18.10.86	30.11.87	3.38
01.12.87	31.05.89	3.33
01.06.89	31.12.89	3.15
01.01.90	30.06.90	2.70
01.07.90	31.12.93	2.25
01.01.94	31.03.94	2.45
01.04.94	30.09.94	2.50
01.10.94	31.12.94	2.55
01.01.95	31.03.95	2.90
01.04.95	06.04.95	2.95
07.04.95	30.09.95	2.97
01.10.95	31.12.95	3.02
01.01.96	31.12.96	3.27
01.01.97	31.12.97	3.32
01.01.98	31.12.98	3.37
01.01.99	31.12.99	3.77
01.01.00	31.12.00	3.87
01.01.01	31.12.01	3.97
01.01.02	31.12.04	4.07
01.01.05	31.12.07	3.81
01.01.08	now	3.879

**Special Taxes**

*Environment Tax:*

From	To	DKK/ litre
01.01.05	31.12.07	0.22
01.01.08	now	0.224

*Compulsory Storage Fee:* These amounts are included in the price but not in the tax column for the periods for which it was levied.

From	To	DKK/ litre
01.04.79	31.12.79	0.008
01.07.81	30.06.82	0.016
01.07.82	30.09.85	0.074
01.10.85	31.12.85	0.041
01.01.86	31.01.93	0.008

*Environment Pool:* These amounts are included in the price but not in the tax column.

From	To	DKK/ litre
01.04.93	31.03.94	0.025
01.04.94	now	0.040

Prices refer to list prices at self-service stations.

**Specifications**

Grade and Octane:	Premium Leaded 98 RON Premium Unleaded 98 RON Regular Unleaded 92 RON
Lead Content:	0.05 g/litre

## NATURAL GAS

**General Tax (VAT):** Applies to households. See general notes for Denmark.

### Excise Tax

From	To	DKK/ 10 <sup>7</sup> kcal	DKK/ m <sup>3</sup>
01.01.96	31.12.97	9	0.100
01.01.98	31.12.98	9	0.100
01.01.99	31.12.99	1 345	1.470
01.01.00	31.12.00	1 464	1.600
01.01.01	31.12.01	1 793	1.960
01.01.02	31.12.04	1 848	2.020
01.01.05	now	1 868	

### Special Tax

#### Environment Tax

From	To	DKK/ 10 <sup>7</sup> kcal	DKK/ m <sup>3</sup>
01.01.96	now	201	0.220

The maximum prices for natural gas cannot exceed the regulated maximum prices for light fuel oil in terms of heat equivalents (see average quarterly list prices for light fuel oil bought by households). The natural gas prices shown in the table are the prices actually paid by small consumers.

From 1984 onwards, natural gas prices have been subject to an introductory rebate of 0.40 DKK/m<sup>3</sup> on the maximum price, with larger consumers obtaining larger rebates. Prior to 1984, natural gas consumption in Denmark was insignificant.

Prices for industry are not shown due to reasons of confidentiality.

### Specifications

GCV: 9 150 kcal/m<sup>3</sup>

## COAL

The price and tax shown in the tables are the amounts actually paid (after rebates).

### Steam Coal for Industry and Households

**Excise Tax:** This tax is not included in price and tax columns for industry as it is refundable.

From	To	DKK/ tonne
01.07.82	31.12.85	127
01.01.86	31.03.86	222
01.04.86	17.10.86	629
18.10.86	31.05.89	675

From	To	DKK/ tonne
01.06.89	14.05.92	765
15.05.92	31.12.94	690
01.01.95	31.12.95	770
01.01.96	31.12.96	860
01.01.97	31.12.97	950
01.01.98	31.12.98	1 150
01.01.99	31.12.99	1 250
01.01.00	31.12.00	1 300
01.01.01	31.12.01	1 350
01.01.02	now	1 425

### Special Taxes

#### Environment Tax (and portion refunded to industry)

From	To	DKK/ tonne	% Refunded to Industry
15.05.92	31.12.92	242	100
01.01.93	now	242	50

**Sulphur Tax:** Amounts are included in the price but not in the tax column.

From	To	DKK/kg sulphur
01.01.96	31.05.99	20
01.06.99	31.12.99	83
01.01.00	31.12.01	97
01.01.02	now	96

In addition, coal with a sulphur content greater than 0.05% is taxed 20 DKK/kg of sulphur.

### Specifications

Sulphur Content: Industry 0.6%, Households 0.5%  
 Ash Content: Industry 5%, Households 6%  
 Moisture: Industry 6%, Households 5%  
 Grain Size: Industry singles 0/20 mm  
 Households' nut size 40/60 mm imported from Poland  
 Delivery Size: ≥ 1 000 tonnes  
 NCV: 7 000 kcal/kg

### Steam Coal for Electricity Generation

Quarterly average CIF prices for imported coal from Poland in cargoes of 30-40 thousand tonnes.

## ELECTRICITY

**Excise Tax:** This tax is not shown in the price for industry as it is refunded.

From	To	DKK/ kWh
01.01.79	30.06.79	0.020
01.07.79	29.06.80	0.080

From	To	DKK/ kWh
30.06.80	14.06.82	0.125
15.06.82	31.12.82	0.143
01.01.83	31.12.85	0.155
01.01.86	31.03.86	0.190
01.04.86	31.10.86	0.295
01.11.86	31.05.89	0.325
01.06.89	14.05.92	0.330
15.05.92	31.12.93	0.270
01.01.94	31.12.94	0.300
01.01.95	31.12.95	0.330
01.01.96	31.12.96	0.360
01.01.97	31.12.97	0.400
01.01.98	31.12.98	0.466
01.01.99	31.12.99	0.481
01.01.00	31.12.00	0.490
01.01.01	31.12.01	0.505
01.01.02	31.12.04	0.520
01.01.05	now	0.530

**Special Taxes***Payments to Energy Savings*

From	To	DKK/ kWh
01.01.00	now	0.006

*Distribution Tariff (DKK/kWh)*

From	To	Tariff	Refunded to Industry
01.01.00	now	0.04	0.03

*Environment Tax (and portion refunded to industry)*

From	To	DKK/ kWh	% Refunded to Industry
15.05.92	31.12.92	0.100	100
01.01.93	31.12.96	0.100	50
01.01.97	31.12.97	0.100	40
01.01.98	31.12.98	0.100	30
01.01.99	31.12.99	0.100	20
01.01.00	31.12.02	0.100	10
01.01.03	31.12.04	0.100	40
01.01.05	now	0.09	40

*Sulphur Tax*

From	To	DKK/ kWh
01.01.96	31.12.98	0.009
01.01.99	31.12.99	0.013
01.01.00	now	0

The price and tax shown are those actually paid (after rebates).

**Industry**

National average price for consumption equivalent to 1 000 MWh/year, including standing charges.

Prices shown represent the average electricity price to all industrial sectors.

**Households**

**General Tax (VAT):** See general notes for Denmark.

Prices correspond to consumption of 3 MWh/year, including standing charges.

**ENERGY PRICES INDICES**

Annual indices are 12-month averages. Quarterly indices refer to the three-month average of the quarter.

**Source:** Statistics Denmark ([www.statbank.dk](http://www.statbank.dk)).

**Oil Products**

Wholesale: Price index for domestic supply, Fuels and lubricants.

Retail: Consumer Price Index, weighted average for "Liquid fuels" and "Fuels and lubricants for personal transport equipment".

**Electricity**

Retail: Consumer Price Index, Electricity.

**Natural Gas**

Retail: Consumer Price Index, Gas.

**Coal Products**

Retail: Consumer Price Index, Solid fuels.



## FINLAND

Table 1 - Average Prices and Taxes in Euro

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	128.93	40.40	-	40.40	169.33	128.93	-	-	-	128.93
1998	98.42	50.15	-	50.15	148.58	98.42	-	-	-	98.42
1999	119.65	57.22	-	57.22	176.87	119.65	-	-	-	119.65
2000	198.90	57.22	-	57.22	256.12	198.90	-	-	-	198.90
2001	170.91	57.22	-	57.22	228.13	170.91	-	-	-	170.91
2002	176.79	57.22	-	57.22	234.01	176.79	-	-	-	176.79
2003	181.78	59.60	-	59.60	241.38	181.78	-	-	-	181.78
2004	176.74	59.60	-	59.60	236.34	176.74	-	-	-	176.74
2005	257.00	59.60	-	59.60	316.60	257.00	-	-	-	257.00
2006	292.63	59.60	-	59.60	352.23	292.63	-	-	-	292.63
2007	301.03	59.60	-	59.60	360.63	301.03	-	-	-	301.03
2Q2007	286.33	59.60	-	59.60	345.93	286.33	-	-	-	286.33
3Q2007	315.87	59.60	-	59.60	375.47	315.87	-	-	-	315.87
4Q2007	362.82	59.60	-	59.60	422.42	362.82	-	-	-	362.82
1Q2008	373.59	67.00	-	67.00	440.59	373.59	-	-	-	373.59
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	190.25	52.63	-	52.63	242.88	190.25	52.63	53.43	106.06	296.31
1998	149.38	61.76	-	61.76	211.14	149.38	61.76	46.45	108.21	257.60
1999	170.68	67.59	-	67.59	238.27	170.68	67.59	52.42	120.01	290.69
2000	287.27	67.59	-	67.59	354.86	287.28	67.59	78.07	145.66	432.94
2001	260.86	67.59	-	67.59	328.45	260.86	67.59	72.26	139.85	400.71
2002	232.68	67.59	-	67.59	300.28	232.69	67.59	66.06	133.65	366.34
2003	250.21	70.60	-	70.60	320.81	250.21	70.60	70.58	141.18	391.39
2004	293.06	70.60	-	70.60	363.66	293.06	70.60	80.01	150.61	443.67
2005	406.69	70.60	-	70.60	477.29	406.69	70.60	105.00	175.60	582.30
2006	456.57	70.60	-	70.60	527.17	456.57	70.60	115.98	186.58	643.15
2007	450.37	70.60	-	70.60	520.97	450.37	70.60	114.61	185.21	635.58
2Q2007	432.68	70.60	-	70.60	503.28	432.68	70.60	110.72	181.32	614.00
3Q2007	464.65	70.60	-	70.60	535.25	464.65	70.60	117.75	188.35	653.00
4Q2007	511.91	70.60	-	70.60	582.51	511.91	70.60	128.15	198.75	710.67
1Q2008	568.46	87.00	-	87.00	655.46	568.46	87.00	144.20	231.20	799.67
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.245	0.279	-	0.279	0.524	0.245	0.279	0.115	0.394	0.639
1998	0.219	0.304	-	0.304	0.523	0.219	0.304	0.115	0.419	0.638
1999	0.255	0.304	-	0.304	0.559	0.255	0.304	0.123	0.427	0.682
2000	0.393	0.304	-	0.304	0.697	0.393	0.304	0.153	0.457	0.850
2001	0.367	0.304	-	0.304	0.671	0.367	0.304	0.148	0.452	0.819
2002	0.339	0.304	-	0.304	0.643	0.338	0.304	0.141	0.445	0.783
2003	0.343	0.319	-	0.319	0.662	0.343	0.319	0.146	0.465	0.808
2004	0.376	0.319	-	0.319	0.695	0.376	0.319	0.153	0.472	0.848
2005	0.475	0.319	-	0.319	0.794	0.475	0.319	0.175	0.494	0.969
2006	0.519	0.319	-	0.319	0.838	0.519	0.319	0.184	0.504	1.022
2007	0.515	0.319	-	0.319	0.835	0.515	0.319	0.184	0.503	1.018
2Q2007	0.489	0.319	-	0.319	0.809	0.489	0.319	0.178	0.497	0.987
3Q2007	0.510	0.319	-	0.319	0.829	0.510	0.319	0.182	0.502	1.012
4Q2007	0.583	0.319	-	0.319	0.902	0.583	0.319	0.198	0.518	1.101
1Q2008	0.640	0.364	-	0.364	1.004	0.640	0.364	0.221	0.585	1.225
2Q2008	..	..	..	..	..	..	..	..	..	..

## FINLAND

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.246	0.526	0.170	0.695	0.941	0.234	0.526	0.167	0.693	0.927
1998	0.218	0.559	0.171	0.730	0.949	0.206	0.559	0.168	0.728	0.933
1999	0.274	0.559	0.183	0.742	1.016	0.256	0.559	0.179	0.739	0.995
2000	0.390	0.559	0.209	0.768	1.158	0.371	0.559	0.205	0.764	1.135
2001	0.368	0.559	0.204	0.763	1.131	0.350	0.559	0.200	0.759	1.109
2002	0.342	0.559	0.199	0.758	1.100	0.322	0.559	0.194	0.753	1.075
2003	0.329	0.588	0.201	0.789	1.118	0.310	0.588	0.198	0.785	1.095
2004	0.370	0.588	0.211	0.799	1.169	0.347	0.588	0.206	0.794	1.141
2005	0.427	0.588	0.223	0.811	1.238	0.405	0.588	0.218	0.806	1.211
2006	0.490	0.588	0.237	0.825	1.315	0.468	0.588	0.232	0.820	1.288
2007	0.494	0.588	0.249	0.836	1.330	0.476	0.588	0.234	0.822	1.298
2Q2007	0.526	0.588	0.245	0.833	1.359	0.504	0.588	0.240	0.828	1.331
3Q2007	0.533	0.588	0.247	0.834	1.367	0.504	0.588	0.240	0.828	1.332
4Q2007	0.524	0.588	0.244	0.832	1.356	0.492	0.588	0.238	0.825	1.318
1Q2008	0.565	0.627	0.262	0.889	1.454	0.533	0.627	0.255	0.882	1.416
2Q2008	..	..	..	..	..	..	..	..	..	..
Premium Leaded/Lead Replacement Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	111.95	13.39	-	13.39	125.33
1998	x	x	x	x	x	107.83	16.68	-	16.68	124.51
1999	x	x	x	x	x	101.15	19.03	-	19.03	120.18
2000	x	x	x	x	x	122.82	19.03	-	19.03	141.85
2001	x	x	x	x	x	121.76	19.03	-	19.03	140.79
2002	x	x	x	x	x	115.62	19.03	-	19.03	134.65
2003	x	x	x	x	x	120.53	19.95	-	19.95	140.48
2004	x	x	x	x	x	117.15	19.95	-	19.95	137.10
2005	x	x	x	x	x	133.16	19.95	-	19.95	153.11
2006	x	x	x	x	x	177.76	19.95	-	19.95	197.71
2007	x	x	x	x	x	175.58	19.95	-	19.95	195.53
2Q2007	x	x	x	x	x	170.10	19.95	-	19.95	190.05
3Q2007	x	x	x	x	x	173.51	19.95	-	19.95	193.46
4Q2007	x	x	x	x	x	186.73	19.95	-	19.95	206.68
1Q2008	x	x	x	x	x	204.51	22.00	-	22.00	226.51
2Q2008	x	x	x	x	x	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	111.95	-	-	-	111.95	111.95	9.87	26.79	36.66	148.61
1998	107.83	-	-	-	107.83	107.81	16.68	27.40	44.08	151.89
1999	101.15	-	-	-	101.15	101.15	19.03	26.44	45.47	146.62
2000	122.82	-	-	-	122.82	122.82	19.03	31.21	50.24	173.06
2001	121.76	-	-	-	121.76	183.37	19.03	44.53	63.56	246.93
2002	115.62	-	-	-	115.62	156.27	19.03	38.57	57.60	213.86
2003	120.53	-	-	-	120.53	162.14	19.95	40.06	60.01	222.14
2004	117.18	-	-	-	117.18	158.06	19.95	39.16	59.11	217.17
2005	133.16	-	-	-	133.16	176.74	19.95	43.27	63.22	239.96
2006	177.76	-	-	-	177.76	210.17	19.95	50.63	70.58	280.75
2007	175.58	-	-	-	175.58	209.57	19.95	50.49	70.44	280.01
2Q2007	170.10	-	-	-	170.10	204.02	19.95	49.27	69.22	273.25
3Q2007	173.51	-	-	-	173.51	207.52	19.95	50.04	69.99	277.51
4Q2007	186.73	-	-	-	186.73	220.80	19.95	52.96	72.91	293.71
1Q2008	204.51	-	-	-	204.51	241.61	22.00	58.00	80.00	321.61
2Q2008	..	..	..	..	..	..	..	..	..	..

## FINLAND

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	45.48	29.60	-	29.60	75.08	45.48	-	-	-	45.48
1998	38.68	37.24	-	37.24	75.92	38.68	-	-	-	38.68
1999	37.02	42.55	-	42.55	79.57	37.02	-	-	-	37.02
2000	41.92	42.55	-	42.55	84.47	41.92	-	-	-	41.92
2001	52.12	42.55	-	42.55	94.67	52.12	-	-	-	52.12
2002	46.70	42.55	-	42.55	89.25	46.70	-	-	-	46.70
2003	42.73	44.70	-	44.70	87.43	42.73	-	-	-	42.73
2004	53.93	44.70	-	44.70	98.63	53.93	-	-	-	53.93
2005	58.01	44.70	-	44.70	102.71	58.01	-	-	-	58.01
2006	59.20	44.70	-	44.70	103.90	59.20	-	-	-	59.20
2007	61.12	44.70	-	44.70	105.82	61.12	-	-	-	61.12
2Q2007	59.04	44.70	-	44.70	103.74	59.04	-	-	-	59.04
3Q2007	59.84	44.70	-	44.70	104.54	59.84	-	-	-	59.84
4Q2007	65.68	44.70	-	44.70	110.38	65.68	-	-	-	65.68
1Q2008	73.10	50.50	-	50.50	123.60	73.10	-	-	-	73.10
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	63.29	29.60	-	29.60	92.89
1998	x	x	x	x	x	58.98	37.24	-	37.24	96.22
1999	x	x	x	x	x	56.89	42.55	-	42.55	99.44
2000	x	x	x	x	x	65.68	42.55	-	42.55	108.23
2001	x	x	x	x	x	74.86	42.55	-	42.55	117.41
2002	x	x	x	x	x	74.00	42.55	-	42.55	116.55
2003	x	x	x	x	x	66.81	44.70	-	44.70	111.51
2004	x	x	x	x	x	82.96	44.70	-	44.70	127.66
2005	x	x	x	x	x	113.55	44.70	-	44.70	158.25
2006	x	x	x	x	x	117.28	44.70	-	44.70	161.98
2007	x	x	x	x	x	120.15	44.70	-	44.70	164.85
2Q2007	x	x	x	x	x	121.78	44.70	-	44.70	166.48
3Q2007	x	x	x	x	x	113.29	44.70	-	44.70	157.99
4Q2007	x	x	x	x	x	116.34	44.70	-	44.70	161.04
1Q2008	x	x	x	x	x	137.29	50.50	-	50.50	187.79
2Q2008	x	x	x	x	x	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0422	0.0030	-	0.0030	0.0452	0.0665	0.0053	0.0158	0.0211	0.0876
1998	0.0413	0.0038	-	0.0038	0.0451	0.0660	0.0061	0.0159	0.0220	0.0880
1999	0.0387	0.0043	-	0.0043	0.0430	0.0633	0.0070	0.0155	0.0225	0.0858
2000	0.0376	0.0043	-	0.0043	0.0419	0.0622	0.0070	0.0152	0.0222	0.0844
2001	0.0383	0.0043	-	0.0043	0.0426	0.0634	0.0070	0.0155	0.0225	0.0859
2002	0.0410	0.0043	-	0.0043	0.0453	0.0666	0.0070	0.0162	0.0232	0.0898
2003	0.0534	0.0045	-	0.0045	0.0579	0.0737	0.0074	0.0178	0.0253	0.0989
2004	0.0530	0.0050	-	0.0050	0.0580	0.0740	0.0070	0.0180	0.0250	0.0990
2005	0.0521	0.0045	-	0.0045	0.0566	0.0723	0.0074	0.0175	0.0250	0.0973
2006	..	..	..	..	..	0.0761	0.0074	0.0184	0.0258	0.1020
2007	0.0571	0.0023	-	0.0023	0.0594	0.0796	0.0074	0.0191	0.0266	0.1061
2Q2007	0.0559	0.0023	-	0.0023	0.0582	0.0791	0.0074	0.0190	0.0265	0.1056
3Q2007	0.0558	0.0023	-	0.0023	0.0581	0.0789	0.0074	0.0190	0.0264	0.1053
4Q2007	0.0600	0.0023	-	0.0023	0.0623	0.0801	0.0074	0.0193	0.0267	0.1068
1Q2008	0.0609	0.0026	-	0.0026	0.0635	0.0847	0.0088	0.0206	0.0294	0.1141
2Q2008	..	..	..	..	..	..	..	..	..	..

**FINLAND**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	1990 = 100	1990 = 100	1990 = 100	1990 = 100			1990 = 100	
1987	77.3	76.8	95.4	92.1	..	..	86.0	..
1988	74.6	70.0	93.5	91.7	..	..	82.0	..
1989	83.2	82.3	94.2	93.2	..	..	96.1	..
1990	100.0	100.0	100.0	100.0	..	..	100.0	..
1991	100.8	101.9	102.1	103.3	..	..	100.8	..
1992	106.0	107.8	104.0	106.4	..	..	109.2	..
1993	127.2	130.1	110.8	116.2	..	..	109.0	..
1994	125.3	121.4	112.2	114.9	..	..	106.8	..
1995	127.6	112.5	119.3	117.9	..	..	113.0	..
1996	142.5	128.5	124.2	127.2	..	..	116.3	..
1997	150.0	140.9	127.6	130.1	..	..	132.3	..
1998	141.8	122.5	126.4	130.6	..	..	140.2	..
1999	154.5	138.2	121.8	126.9	..	..	126.3	..
2000	202.4	205.8	121.0	124.7	..	..	150.6	..
2001	192.7	190.5	137.3	127.0	..	..	173.6	..
2002	190.4	174.0	147.7	133.1	..	..	169.5	..
2003	196.0	186.1	165.0	148.9	..	..	151.9	..
2004	205.3	210.9	171.1	149.5	..	..	170.3	..
2005	238.1	276.8	167.0	146.8	..	..	192.7	..
2006	258.9	305.8	201.1	154.8	..	..	183.8	..
2007	261.9	302.1	194.0	163.1	..	..	184.7	..
2Q2000	194.9	183.9	120.3	124.9	..	..	145.3	..
3Q2000	209.5	221.2	121.7	124.5	..	..	155.6	..
4Q2000	217.8	240.9	121.8	124.1	..	..	166.6	..
1Q2001	194.8	195.4	125.3	124.1	..	..	163.8	..
2Q2001	201.7	199.6	133.9	124.8	..	..	176.3	..
3Q2001	195.7	198.0	142.8	128.1	..	..	177.2	..
4Q2001	178.6	169.0	147.2	130.9	..	..	177.1	..
1Q2002	183.9	165.9	149.0	131.7	..	..	176.4	..
2Q2002	191.7	173.2	144.7	133.2	..	..	176.7	..
3Q2002	192.8	176.4	144.0	133.6	..	..	166.6	..
4Q2002	193.4	180.6	152.9	134.3	..	..	158.5	..
1Q2003	206.3	214.4	164.1	142.8	..	..	151.6	..
2Q2003	190.4	170.5	159.1	150.6	..	..	151.6	..
3Q2003	194.5	177.6	162.4	150.8	..	..	151.6	..
4Q2003	192.7	181.8	174.5	151.5	..	..	153.1	..
1Q2004	193.6	180.7	177.3	152.9	..	..	153.3	..
2Q2004	203.4	201.4	170.0	148.9	..	..	160.8	..
3Q2004	209.7	223.7	169.8	148.5	..	..	173.8	..
4Q2004	214.5	237.9	167.4	147.9	..	..	193.1	..
1Q2005	213.6	237.9	165.7	147.4	..	..	192.0	..
2Q2005	231.9	264.3	164.4	145.6	..	..	193.1	..
3Q2005	250.4	302.0	166.2	145.8	..	..	193.7	..
4Q2005	256.6	303.0	171.6	148.4	..	..	191.7	..
1Q2006	256.5	298.4	181.0	152.0	..	..	187.8	..
2Q2006	266.3	324.2	194.4	152.8	..	..	183.8	..
3Q2006	266.4	319.9	207.7	155.0	..	..	180.0	..
4Q2006	246.4	280.5	221.2	159.5	..	..	183.8	..
1Q2007	241.9	268.4	214.1	164.0	..	..	185.3	..
2Q2007	258.4	291.9	197.6	162.2	..	..	182.4	..
3Q2007	264.9	310.4	183.3	162.0	..	..	186.1	..
4Q2007	282.5	337.8	180.9	164.1	..	..	185.0	..
1Q2008	302.3	380.2	193.9	177.8	..	..	212.1	..
2Q2008	..	..	..	..	..	..	..	..

# FINLAND

## GENERAL NOTES

From 1Q93 onwards, prices refer to the monthly averages of the quarter. From 1Q86 to 4Q92, prices refer to the second month of the quarter (except 3Q88 prices which refer to July 1988). Prior to 4Q85, prices refer to the first month of each quarter. See individual products for exceptions.

**General Tax (VAT):** Applies to all energy forms. Amounts are not included in prices and taxes shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded.

From	To	% Applied	% Total Price
01.08.86	31.05.89	19.05	16.00
01.06.89	30.11.89	19.76	16.50
01.12.89	31.12.90	20.48	17.00
01.01.91	30.09.91	21.21	17.50
01.10.91	now	22.00	18.03

**Special Taxes:** From 1 January 1997 onwards, the energy/CO<sub>2</sub> tax is 100% carbon tax. In addition, fuels used in producing electricity are free of the energy/CO<sub>2</sub> tax and precautionary stock fee. Prior to 31 December 1996, the energy/CO<sub>2</sub> tax was approximately 75% carbon tax and 25% energy tax.

The peat tax and the tax subsidies on electricity produced in peat-fired power plants have been abolished. Earlier, small power plants (under 40 MVA) had been receiving tax subsidies. The decree to amend the law concerning the excise tax on electricity and certain fuels became effective on 1 July 2005.

**Source:** Ministry of Trade and Industry, *Energy Statistics* (annual) and *Energy Review* (quarterly).

## OIL PRODUCTS

**Excise Tax:** From 1 August 1986 onwards, the excise tax on liquid fuels was reduced in order to keep overall tax levels the same.

**Special Taxes:** Prior to 31 July 1986, a fuel tax was the predominant part of all taxes levied on oil products and shown in the main tables. It represented between 85%-98%, depending on the products. The remaining tax components related to an emergency stock fee and a compensation fee for oil pollution.

From 2Q79 onwards prices refer to self-service prices. Prior to 2Q79, prices refer to full-service prices.

From	To	Price
01.01.78	17.06.84	Uniform maximum pump price for whole country.
18.06.84	now	Deregulated prices.

## Low Sulphur Fuel Oil

### Excise Tax

From	To	EUR/ tonne	FIM/ tonne
01.01.93	31.12.94	4.20	25.0
01.01.95	31.12.96	4.29	25.5

### Special Taxes

#### Environmental Damage Tax

From	To	EUR/ tonne	FIM/ tonne
01.01.90	31.12.90	3.36	20.0
01.01.91	31.12.92	3.53	21.0
01.01.93	31.12.93	7.01	41.7

#### Energy/CO<sub>2</sub> Tax

From	To	EUR/ tonne	FIM/ tonne
01.01.94	31.12.94	15.64	93
01.01.95	31.12.96	26.91	160
01.01.97	31.12.97	37.17	221
01.01.98	31.08.98	43.39	258
01.09.98	31.12.02	53.99	321
01.01.03	31.12.07	56.80	
01.01.08	now	64.20	

### Fiscal Charges and Fees

#### Precautionary Stock Fee

From	To	EUR/ tonne	FIM/ tonne
01.01.74	31.03.75	0.34	2.0
01.04.75	14.06.77	1.77	10.5
15.06.77	31.05.80	0	0
01.06.80	31.12.81	1.68	10.0
01.01.82	31.12.96	3.20	19.0
01.01.97	now	2.86	17.0

#### Oil Pollution Fee (imports)

From	To	EUR/ tonne	FIM/ tonne
01.01.74	31.12.74	0.02	0.10
01.01.75	31.05.82	0.03	0.15
01.06.82	31.12.83	0.03	0.20
01.01.84	31.12.84	0.17	1.00
01.01.85	31.12.89	0.34	2.00
01.01.90	31.12.04	0.37	2.20
01.01.05	now	0.50	

**Light Fuel Oil****Excise Tax**

From	To	EUR/ kl	FIM/ kl
01.01.93	31.12.94	7.06	42.0
01.01.95	31.12.96	7.20	42.8
01.01.97	31.12.97	17.49	104.0
01.01.98	31.12.02	18.33	109.0
01.01.03	31.12.02	19.30	
01.01.08	now	29.40	

**Special Taxes***Environmental Damage Tax*

From	To	EUR/ kl	FIM/ kl
01.01.90	31.12.90	3.36	20.0
01.01.91	31.12.92	3.53	21.0
01.01.93	31.12.93	7.01	41.7

*Energy/CO<sub>2</sub> Tax*

From	To	EUR/ kl	FIM/ kl
01.01.94	31.12.94	13.46	80
01.01.95	31.12.96	23.04	137
01.01.97	31.12.97	31.28	186
01.01.98	31.08.98	36.67	218
01.09.98	31.12.02	45.41	270
01.01.03	31.12.07	47.80	
01.01.08	now	54.10	

**Fiscal Charges and Fees***Precautionary Stock Fee*

From	To	EUR/ kl	FIM/ kl
01.01.74	31.03.75	0.59	3.5
01.04.75	14.06.77	2.19	13.0
15.06.77	31.05.80	0.00	0.0
01.06.80	31.12.81	2.36	14.0
01.01.82	31.12.96	3.87	23.0
01.01.97	now	3.53	21.0

*Oil Pollution Fee (imports)*

From	To	EUR/ kl	FIM/ kl
01.01.74	31.05.82	0.02	0.1
01.06.82	31.12.83	0.03	0.2
01.01.84	31.12.84	0.15	0.9
01.01.85	31.12.89	0.29	1.7
01.01.90	now	0.32	1.9

**Specifications**

Density: 0.84 t/kl

**Automotive Diesel Oil**

**General Tax (VAT):** Applies to automotive diesel for non-commercial use. See general notes for Finland. From 1 June to 31 December 1994, VAT is levied on automotive diesel for commercial purposes and is deductible to VAT-registered enterprises. Prior to 31 May 1994, automotive diesel prices for commercial purposes included a sales tax whose percentage was the same as the VAT. This tax was not deductible.

**Special Taxes***Excise Tax for sulphur content > 0.005%*

From	To	EUR/ litre	FIM/ litre
01.01.87	31.12.87	0.095	0.5659
01.01.88	08.01.88	0.115	0.6859
09.01.88	25.03.88	0.124	0.7359
26.03.88	01.07.88	0.140	0.8309
02.07.88	31.12.88	0.130	0.7709
01.01.89	31.12.89	0.142	0.8449
01.01.90	31.12.90	0.123	0.7300
01.01.91	31.12.92	0.130	0.7700
01.01.93	31.12.93	0.146	0.8700
01.01.94	31.05.94	0.185	1.1000
01.06.94	31.12.96	0.278	1.6500
01.01.97	31.12.97	0.269	1.5990
01.01.98	31.08.98	0.289	1.7170
01.09.98	31.12.02	0.280	1.6660
01.01.03	31.12.07	0.295	
01.01.08	now	0.333	

*Excise Tax for sulphur content 0.001 - 0.005%*

From	To	EUR/ litre	FIM/ litre
01.01.95	31.12.96	0.252	1.500
01.01.97	31.12.97	0.244	1.449
01.01.98	31.08.98	0.264	1.567
01.09.98	31.12.02	0.255	1.516
01.01.03	31.08.04	0.268	
01.09.04	31.08.07	0.295	
01.09.08	now	0.333	

*Excise Tax for sulphur content < 0.001%*

From	To	EUR/ litre
01.09.04	31.12.07	0.268
01.09.08	now	0.307

*Environmental Damage Tax*

From	To	EUR/ litre	FIM/ litre
01.01.90	31.12.93	0.045	0.27

*Energy/CO<sub>2</sub> Tax*

From	To	EUR/ litre	FIM/ litre
01.01.94	31.12.94	0.013	0.078
01.01.95	31.12.96	0.023	0.135
01.01.97	31.12.97	0.031	0.186
01.01.98	31.08.98	0.037	0.218
01.09.98	31.12.02	0.045	0.269
01.01.03	31.12.07	0.048	
01.01.08	Now	0.054	

**Fiscal Charges and Fees***Precautionary Stock Fee*

From	To	EUR/ litre	FIM/ litre
01.01.74	31.03.75	0.001	0.0075
01.04.75	14.06.77	0.004	0.0225
15.06.77	31.05.80	0	0
01.06.80	31.12.81	0.002	0.014
01.01.82	31.12.96	0.004	0.023
01.01.97	now	0.004	0.021

*Oil Pollution Free (imports)*

From	To	EUR/ litre	FIM/ litre
01.01.74	31.05.82	0.00002	0.0001
01.06.82	31.12.83	0.00003	0.0002
01.01.84	31.12.84	0.00013	0.0008
01.01.85	31.12.89	0.00029	0.0017
01.01.90	31.12.07	0.00029	0.0017
01.01.05	now	0.00042	

**Gasoline****Excise Tax**

## Premium Leaded

From	To	EUR/ litre	FIM/ litre
01.01.87	31.12.87	0.335	1.9931
01.01.88	08.01.88	0.187	1.1131
09.01.88	25.03.88	0.196	1.1631
26.03.88	01.07.88	0.215	1.2781
02.07.88	31.12.88	0.202	1.1981
01.01.89	31.12.89	0.207	1.2281
01.01.90	31.12.90	0.215	1.2800
01.01.91	31.12.91	0.266	1.5800
01.01.92	31.05.92	0.283	1.6800
01.06.92	31.12.92	0.316	1.8800
01.01.93	31.12.93	0.395	2.3500
01.01.94	31.12.94	0.389	2.3100
01.01.95	31.12.95	0.506	3.0100
01.01.96	31.12.96	0.574	3.4100
01.01.97	31.12.97	0.567	3.3690
01.01.98	31.08.98	0.596	3.5420
01.09.98	31.12.02	0.588	3.4940
01.01.03	now	0.618	

## Premium Unleaded 98 and 95 RON

From	To	EUR/ litre	FIM/ litre
	31.12.87	0.126	0.7489
01.01.88	08.01.88	0.146	0.8689
09.01.88	25.03.88	0.155	0.9189
02.07.88	31.12.88	0.160	0.9539
01.01.89	31.12.89	0.160	0.9539
01.01.90	31.12.90	0.215	1.2800
01.01.91	31.12.91	0.266	1.5800
01.01.92	31.05.92	0.283	1.6800
01.06.92	31.12.92	0.316	1.8800
01.01.93	31.12.93	0.395	2.3500
01.01.94	31.12.94	0.389	2.3100
01.01.95	31.12.95	0.431	2.5600
01.01.96	31.12.96	0.498	2.9600
01.01.97	31.12.97	0.491	2.9190
01.01.98	31.08.98	0.520	3.0920
01.09.98	31.12.02	0.512	3.0440
01.01.03	31.12.07	0.539	
01.01.08	now	0.572	

**Special Taxes***Environmental Damage Tax*

## Leaded

From	To	EUR/ litre	FIM/ litre
01.01.90	31.12.90	0.045	0.27
01.01.91	31.12.91	0.050	0.30
01.01.92	31.12.92	0.076	0.45
01.01.93	31.12.93	0.084	0.50

*Energy/CO<sub>2</sub> Tax*

## All Grades

From	To	EUR/ litre	FIM/ litre
01.01.94	31.12.94	0.012	0.071
01.01.95	31.12.96	0.021	0.123
01.01.97	31.12.97	0.028	0.164
01.01.98	31.08.98	0.032	0.191
01.09.98	31.12.02	0.040	0.239
01.01.03	31.12.07	0.0423	
01.01.08	now	0.0478	

**Fiscal Charges and Fees***Precautionary Stock Fee*

## All Grades

From	To	EUR/ litre	FIM/ litre
01.01.74	31.03.75	0.002	0.0125
01.04.75	14.06.77	0.006	0.0340
15.06.77	31.12.77	0	0
01.01.78	31.12.78	0.003	0.0160
01.01.79	31.12.79	0.003	0.0150
01.01.80	31.05.80	0.003	0.0200
01.06.80	31.12.81	0.006	0.0340

From	To	EUR/ litre	FIM/ litre
01.01.82	31.12.96	0.007	0.0430
01.01.97	now	0.007	0.0400

*Oil Pollution Fee (imports)*

From	To	EUR/ litrel	EUR/ litre
01.01.74	31.05.82	0.00002	0.0001
01.06.82	31.12.83	0.00003	0.0002
01.01.84	31.12.84	0.00012	0.0007
01.01.85	31.12.89	0.00025	0.0015
01.01.90	31.12.04	0.00029	0.0017
01.01.05	now	0.00038	

**Specifications**

Grade and Octane:	Premium Leaded 99 RON
	Premium Unleaded 98 RON
	Premium Unleaded 95 RON

**NATURAL GAS**

**General Tax (VAT):** See general notes for Finland.

**Special Taxes***Environmental Damage Tax*

From	To	EUR/ 10 <sup>7</sup> kcal	EUR/ m <sup>3</sup>	FIM/ m <sup>3</sup>
01.01.90	31.12.90	1.76	0.002	0.0100
01.01.91	31.12.92	1.85	0.002	0.0105
01.01.93	31.12.93	3.68	0.004	0.0209

*Energy/CO<sub>2</sub> Tax*

From	To	EUR/ 10 <sup>7</sup> kcal	EUR/ m <sup>3</sup>	FIM/ m <sup>3</sup>
01.01.94	31.12.94	11.45	0.011	0.065
01.01.95	31.12.96	9.87	0.009	0.056
01.01.97	31.12.97	12.51	0.012	0.071
01.01.98	31.08.98	14.62	0.014	0.083
01.09.98	31.12.02	18.15	0.017	0.103
01.01.03	31.12.07	19.07	0.0182	0.103
01.01.08	now	22.00	0.0202	

**Fiscal Charges and Fees***Precautionary Stock Fee*

From	To	EUR/ 10 <sup>7</sup> kcal	EUR/ m <sup>3</sup>	FIM/ m <sup>3</sup>
01.01.97	now	0.88	0.001	0.005

Beginning with 1Q01, prices for industry and electricity generation are based on annual consumption of 1 000 GWh, charged capacity of 167 MW, effective time of capacity use 6 000 h/a. Household prices are based on 50 GWh/a, 12.5 MW, 4 000 h/a. Prior to

1Q01, prices shown are the average contract prices for industry and households.

**Specifications**

GCV: 10 476 kcal/m<sup>3</sup> at 15°C  
(original series in m<sup>3</sup>, NCV, 0°C).

**COAL***Steam and Coking Coal for Industry***Special Taxes***Environmental Damage Tax*

From	To	EUR/ tonne	FIM/ tonne
01.01.90	31.12.90	2.69	16.00
01.01.91	31.12.92	2.83	16.80
01.01.93	31.12.93	5.61	33.38

*Energy/CO<sub>2</sub> Tax*

From	To	EUR/ tonne	FIM/ tonne
01.01.94	31.12.94	11.30	67.2
01.01.95	31.12.96	19.53	116.1
01.01.97	31.12.97	28.42	169.0
01.01.98	31.08.98	33.40	198.6
01.09.98	31.12.02	41.37	246.0
01.01.03	31.12.07	43.52	
01.01.08	now	49.32	

**Fiscal Charges and Fees***Precautionary Stock Fee*

From	To	EUR/ tonne	FIM/ tonne
01.01.97	now	1.18	7

Prices shown refer to hard coal delivered to consumers with an annual consumption of at least 40 000 tonnes. It is an average import price that includes temporary storage in commercial ports and road transport cost/100 km.

**ELECTRICITY***Industry***Excise Tax**

From	To	EUR/ kWh	FIM/ kWh
Prior to	31.12.96	see tax column	
01.01.97	31.03.97	0.0040	0.0240
01.04.97	31.12.97	0.0024	0.0145



From	To	EUR/ kWh	FIM/ kWh
01.01.98	31.08.98	0.0034	0.0202
01.09.98	31.12.02	0.0042	0.0250
01.01.03	31.12.06	0.0044	
01.01.07	31.12.07	0.0022	
01.01.08	now	0.0025	

### Fiscal Charges and Fees

#### Precautionary Stock Fee

From	To	EUR/ kWh	FIM/ kWh
01.01.97	now	0.0001	0.00075

From January 2007, prices refer to the national average for a consumption of 2 000 to 19 999 MWh/year in a medium-scale industry; data collection for industrial electricity prices now follows the new methodology of Eurostat. Prices prior to September 2006 refer to the national average for a consumption of 2 000 MWh/year of high voltage over at least 4 000 hours/year in a medium scale industry.

### Households

**General Tax (VAT):** See general notes for Finland.

#### Excise Tax

From	To	EUR/ kWh	FIM/ kWh
prior to	31.12.96	See tax column	
01.01.97	31.03.97	0.0040	0.024
01.04.97	31.08.98	0.0056	0.033
01.09.98	31.12.02	0.0069	0.041

From	To	EUR/ kWh	FIM/ kWh
01.01.03	31.12.07	0.0073	
01.01.08	now	0.0087	

### Fiscal Charges and Fees

#### Precautionary Stock Fee

From	To	EUR/ kWh	FIM/ kWh
01.01.97	now	0.0001	0.00075

Price shown refers to electricity used for non-heating purposes in a single house (120 m<sup>2</sup>) at a rate of 5.0 MWh/year with 3x25A.

## ENERGY PRICE INDICES

Annual indices are 12-month averages.

From 1Q93 onwards, quarterly indices refer to the three-month average of the quarter. Prior to 4Q92, quarterly indices refer to the second month.

**Source:** Correspondence with Statistics Finland.

### Oil Products

Wholesale: Petroleum products.

Retail: Light fuel oil.

### Coal Products

Wholesale: Anthracite.

## FRANCE

Table 1 - Average Prices and Taxes in Euro

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	113.68	18.13	-	18.13	131.81	92.08	24.38	-	24.38	116.46
1998	90.55	18.34	-	18.34	108.89	70.31	24.67	-	24.67	94.98
1999	110.43	18.49	-	18.49	128.93	91.41	24.88	-	24.88	116.29
2000	193.55	18.57	-	18.57	212.12	175.70	18.57	-	18.57	194.27
2001	171.44	18.57	-	18.57	190.01	153.87	18.57	-	18.57	172.44
2002	181.75	18.54	-	18.54	200.29	167.79	18.54	-	18.54	186.33
2003	183.39	18.50	-	18.50	201.89	166.72	18.50	-	18.50	185.22
2004	168.66	18.50	-	18.50	187.16	155.75	18.50	-	18.50	174.25
2005	242.20	18.50	-	18.50	260.70	225.11	18.50	-	18.50	243.61
2006	278.39	18.50	-	18.50	296.89	267.43	18.50	-	18.50	285.93
2007	289.43	18.50	-	18.50	307.93	279.24	18.50	-	18.50	297.74
2Q2007	273.70	18.50	-	18.50	292.20	264.87	18.50	-	18.50	283.37
3Q2007	309.01	18.50	-	18.50	327.51	297.52	18.50	-	18.50	316.02
4Q2007	350.31	18.50	-	18.50	368.81	338.26	18.50	-	18.50	356.76
1Q2008	360.13	18.50	-	18.50	378.63	345.01	18.50	-	18.50	363.51
2Q2008	396.77	18.50	-	18.50	415.27	373.05	18.50	-	18.50	391.55
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	170.48	78.45	-	78.45	248.93	212.64	78.42	59.96	138.38	351.01
1998	126.79	79.44	-	79.44	206.23	170.47	79.41	51.48	130.89	301.36
1999	151.81	80.14	-	80.14	231.95	190.76	80.11	55.80	135.91	326.67
2000	280.14	68.18	-	68.18	348.32	319.08	64.36	76.11	140.47	459.55
2001	253.79	40.73	-	40.73	294.52	293.14	40.54	65.40	105.94	399.08
2002	228.13	48.75	-	48.75	276.88	255.79	48.75	59.69	108.44	364.23
2003	237.55	56.60	-	56.60	294.15	269.02	56.60	63.82	120.42	389.44
2004	286.48	56.60	-	56.60	343.08	321.22	56.60	74.05	130.65	451.87
2005	396.87	56.60	-	56.60	453.47	430.25	56.60	95.42	152.02	582.27
2006	447.57	56.60	-	56.60	504.17	486.19	56.60	106.39	162.99	649.18
2007	448.33	56.60	-	56.60	504.93	483.98	56.60	105.96	162.56	646.54
2Q2007	427.23	56.60	-	56.60	483.83	464.67	56.60	102.17	158.77	623.44
3Q2007	449.20	56.60	-	56.60	505.80	483.80	56.60	105.92	162.52	646.32
4Q2007	522.63	56.60	-	56.60	579.23	556.30	56.60	120.13	176.73	733.03
1Q2008	561.43	56.60	-	56.60	618.03	604.92	56.60	129.66	186.26	791.18
2Q2008	..	..	..	..	..	678.53	56.60	144.09	200.69	879.22
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.202	0.358	-	0.358	0.560	0.202	0.358	0.115	0.474	0.676
1998	0.163	0.370	-	0.370	0.533	0.163	0.370	0.110	0.480	0.643
1999	0.189	0.381	-	0.381	0.570	0.189	0.381	0.118	0.499	0.688
2000	0.321	0.384	-	0.384	0.705	0.321	0.384	0.140	0.524	0.845
2001	0.293	0.375	-	0.375	0.667	0.293	0.375	0.131	0.506	0.799
2002	0.262	0.383	-	0.383	0.645	0.262	0.383	0.126	0.509	0.771
2003	0.271	0.392	-	0.392	0.663	0.271	0.392	0.130	0.522	0.793
2004	0.323	0.417	-	0.417	0.740	0.323	0.417	0.145	0.562	0.885
2005	0.438	0.417	-	0.417	0.855	0.438	0.417	0.168	0.585	1.023
2006	0.485	0.417	-	0.417	0.902	0.485	0.417	0.177	0.594	1.079
2007	0.487	0.426	-	0.426	0.913	0.487	0.426	0.179	0.605	1.092
2Q2007	0.468	0.426	-	0.426	0.894	0.468	0.426	0.175	0.601	1.070
3Q2007	0.493	0.426	-	0.426	0.919	0.493	0.426	0.180	0.606	1.098
4Q2007	0.555	0.426	-	0.426	0.981	0.555	0.426	0.192	0.618	1.173
1Q2008	0.598	0.427	-	0.427	1.025	0.598	0.427	0.201	0.628	1.226
2Q2008	0.679	0.428	-	0.428	1.107	0.679	0.428	0.217	0.645	1.323

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Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.211	0.577	0.162	0.739	0.951	0.204	0.577	0.161	0.738	0.941
1998	0.181	0.589	0.159	0.748	0.928	0.173	0.589	0.157	0.746	0.919
1999	0.209	0.590	0.164	0.754	0.963	0.201	0.590	0.163	0.752	0.954
2000	0.347	0.581	0.184	0.765	1.112	0.329	0.581	0.180	0.761	1.090
2001	0.313	0.572	0.173	0.745	1.058	0.294	0.572	0.170	0.742	1.036
2002	0.286	0.581	0.170	0.751	1.037	0.267	0.581	0.166	0.747	1.014
2003	0.278	0.589	0.170	0.759	1.037	0.261	0.589	0.167	0.756	1.017
2004	0.317	0.589	0.178	0.767	1.084	0.298	0.589	0.174	0.763	1.061
2005	0.416	0.589	0.197	0.786	1.202	0.382	0.589	0.190	0.779	1.161
2006	0.477	0.589	0.209	0.798	1.275	0.445	0.589	0.203	0.792	1.237
2007	0.491	0.602	0.214	0.816	1.307	0.462	0.602	0.209	0.811	1.273
2Q2007	0.513	0.602	0.218	0.820	1.333	0.484	0.602	0.213	0.815	1.299
3Q2007	0.504	0.602	0.217	0.819	1.323	0.477	0.602	0.212	0.814	1.291
4Q2007	0.526	0.602	0.221	0.823	1.349	0.493	0.602	0.215	0.817	1.309
1Q2008	0.558	0.602	0.227	0.829	1.387	0.527	0.605	0.222	0.827	1.354
2Q2008	..	..	..	..	..	0.566	0.606	0.230	0.836	1.401
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	136.52	10.89	-	10.89	147.41
1998	..	..	..	..	..	130.79	11.02	-	11.02	141.81
1999	..	..	..	..	..	127.00	11.12	-	11.12	138.12
2000	0.376	0.060	0.087	0.147	0.523	182.03	11.18	-	11.18	193.21
2001	0.366	0.060	0.083	0.143	0.509	209.02	11.18	-	11.18	220.20
2002	0.354	0.060	0.081	0.141	0.495	182.41	11.18	-	11.18	193.59
2003	0.390	0.060	0.088	0.148	0.538	202.78	11.18	-	11.18	213.96
2004	0.412	0.060	0.093	0.153	0.565	199.87	11.18	-	11.18	211.06
2005	0.477	0.060	0.105	0.165	0.642	254.61	11.18	-	11.18	265.79
2006	0.534	0.060	0.116	0.176	0.710	317.30	11.18	-	11.18	328.49
2007	0.534	0.060	0.116	0.176	0.711	291.12	11.18	-	11.18	302.30
2Q2007	0.533	0.060	0.116	0.176	0.709	270.25	11.18	-	11.18	281.43
3Q2007	0.534	0.060	0.116	0.176	0.710	290.24	11.18	-	11.18	301.43
4Q2007	0.541	0.060	0.118	0.178	0.718	314.77	11.18	-	11.18	325.96
1Q2008	0.565	0.060	0.122	0.182	0.747	348.49	11.18	-	11.18	359.67
2Q2008	0.576	0.060	0.125	0.185	0.760	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	322.95	-	66.08	66.08	389.03
1998	..	..	..	..	..	325.86	-	67.13	67.13	392.99
1999	..	..	..	..	..	306.06	-	57.91	57.91	363.97
2000	..	..	..	..	..	320.87	-	56.17	56.17	377.04
2001	..	..	..	..	..	383.18	-	66.64	66.64	449.82
2002	..	..	..	..	..	384.60	-	66.93	66.93	451.53
2003	..	..	..	..	..	393.36	-	68.23	68.23	461.59
2004	..	..	..	..	..	373.88	-	64.27	64.27	438.15
2005	..	..	..	..	..	405.04	-	70.30	70.30	475.34
2006	..	..	..	..	..	478.67	-	84.73	84.73	563.40
2007	..	..	..	..	..	487.20	-	86.40	86.40	573.60
2Q2007	..	..	..	..	..	487.20	-	86.40	86.40	573.60
3Q2007	..	..	..	..	..	487.20	-	86.40	86.40	573.60
4Q2007	..	..	..	..	..	487.20	-	86.40	86.40	573.60
1Q2008	..	..	..	..	..	506.85	-	89.94	89.94	596.79
2Q2008	..	..	..	..	..	..	..	..	..	..

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Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	98.83	-	-	-	98.83	42.50	-	-	-	42.50
1998	100.98	-	-	-	100.98	37.23	-	-	-	37.23
1999	101.45	-	-	-	101.45	35.91	-	-	-	35.91
2000	101.53	-	-	-	101.53	40.41	-	-	-	40.41
2001	106.52	-	-	-	106.52	50.58	-	-	-	50.58
2002	102.90	-	-	-	102.90	45.51	-	-	-	45.51
2003	102.45	-	-	-	102.45	37.57	-	-	-	37.57
2004	..	..	..	..	..	51.16	-	-	-	51.16
2005	..	..	..	..	..	60.40	-	-	-	60.40
2006	..	..	..	..	..	58.16	-	-	-	58.16
2007	..	..	..	..	..	60.75	-	-	-	60.75
2Q2007	..	..	..	..	..	58.53	-	-	-	58.53
3Q2007	..	..	..	..	..	60.93	-	-	-	60.93
4Q2007	..	..	..	..	..	68.32	-	-	-	68.32
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	228.72	-	47.12	47.12	275.83	51.61	-	-	-	51.61
1998	228.86	-	47.14	47.14	276.00	49.99	-	-	-	49.99
1999	226.78	-	46.72	46.72	273.50	46.36	-	-	-	46.36
2000	228.26	-	44.74	44.74	273.00	51.29	-	-	-	51.29
2001	228.75	-	44.83	44.83	273.58	58.61	-	-	-	58.61
2002	229.52	-	44.99	44.99	274.51	64.08	-	-	-	64.08
2003	..	..	..	..	..	54.96	-	-	-	54.96
2004	..	..	..	..	..	60.32	-	-	-	60.32
2005	..	..	..	..	..	89.03	-	-	-	89.03
2006	..	..	..	..	..	106.98	-	-	-	106.98
2007	..	..	..	..	..	91.12	-	-	-	91.12
2Q2007	..	..	..	..	..	91.67	-	-	-	91.67
3Q2007	..	..	..	..	..	86.34	-	-	-	86.34
4Q2007	..	..	..	..	..	88.60	-	-	-	88.60
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0434	-	-	-	0.0434	0.0912	0.0077	0.0204	0.0280	0.1192
1998	0.0420	-	-	-	0.0420	0.0888	0.0074	0.0198	0.0272	0.1160
1999	0.0409	-	-	-	0.0409	0.0889	0.0075	0.0169	0.0244	0.1133
2000	0.0388	-	-	-	0.0388	0.0870	0.0073	0.0160	0.0233	0.1103
2001	0.0388	-	-	-	0.0388	0.0867	0.0073	0.0160	0.0232	0.1099
2002	0.0388	-	-	-	0.0388	0.0875	0.0073	0.0161	0.0234	0.1109
2003	0.0363	0.0033	-	0.0033	0.0396	0.0855	0.0104	0.0162	0.0266	0.1120
2004	0.0356	0.0045	-	0.0045	0.0401	0.0855	0.0120	0.0165	0.0285	0.1140
2005	0.0356	0.0045	-	0.0045	0.0401	0.0855	0.0120	0.0165	0.0285	0.1140
2006	0.0359	0.0045	-	0.0045	0.0404	0.0861	0.0121	0.0164	0.0285	0.1146
2007	0.0362	0.0045	-	0.0045	0.0407	0.0870	0.0122	0.0165	0.0286	0.1156
2Q2007	0.0362	0.0045	-	0.0045	0.0407	0.0870	0.0122	0.0165	0.0286	0.1156
3Q2007	0.0362	0.0045	-	0.0045	0.0407	0.0870	0.0122	0.0165	0.0286	0.1156
4Q2007	0.0362	0.0045	-	0.0045	0.0407	0.0870	0.0122	0.0165	0.0286	0.1156
1Q2008	0.0362	0.0045	-	0.0045	0.0407	0.0870	0.0122	0.0165	0.0286	0.1156
2Q2008	0.0362	0.0045	-	0.0045	0.0407	0.0870	0.0122	0.0165	0.0286	0.1156

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**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	1995 = 100	1998 = 100	1995 = 100	1998 = 100	1995 = 100	1998 = 100		1998 = 100
1987	88.4	77.6	90.3	92.6	102.3	93.0	..	83.5
1988	84.2	76.2	91.0	93.1	102.3	92.5	..	82.9
1989	92.5	82.7	92.5	93.0	101.7	91.2	..	83.1
1990	97.3	87.1	94.6	95.7	103.2	94.0	..	85.1
1991	97.2	88.1	96.2	98.4	108.2	99.8	..	88.3
1992	93.3	85.4	..	100.6	106.9	98.6	..	91.1
1993	96.8	88.0	..	101.9	103.7	96.3	..	92.6
1994	99.7	90.1	100.1	102.5	101.0	95.0	..	93.8
1995	100.0	93.0	100.0	103.4	100.0	94.3	..	95.1
1996	110.4	100.2	99.2	104.5	100.5	94.5	..	97.1
1997	113.4	104.3	96.7	102.3	106.4	98.5	..	98.5
1998	101.3	100.0	94.4	100.0	104.4	100.0	..	100.0
1999	113.5	104.7	92.8	95.5	103.1	92.0	..	101.1
2000	157.5	127.6	..	93.5	143.3	95.9	..	103.1
2001	143.0	120.5	..	93.0	164.6	114.5	..	105.6
2002	140.4	116.6	..	93.8	157.1	114.9	..	108.8
2003	..	120.4	..	94.9	..	117.4	..	111.0
2004	..	130.9	..	96.2	..	111.2	..	114.1
2005	..	151.1	..	96.2	..	118.7	..	116.2
2006	..	161.3	..	96.8	..	139.1	..	120.0
2007	..	163.8	..	98.2	..	143.8	..	124.0
2Q2000	150.4	124.8	..	93.3	138.8	93.7	..	102.7
3Q2000	163.5	131.8	..	92.9	146.0	95.6	..	102.2
4Q2000	170.5	132.1	..	92.9	160.7	103.9	..	104.2
1Q2001	146.3	120.4	..	92.9	171.3	108.0	..	105.3
2Q2001	151.0	125.5	..	92.9	163.6	114.5	..	105.2
3Q2001	144.5	121.2	..	92.9	163.6	117.7	..	104.8
4Q2001	130.3	115.0	..	93.4	159.7	117.7	..	107.2
1Q2002	131.5	112.1	..	93.8	155.7	117.7	..	108.7
2Q2002	140.8	117.1	..	93.8	147.8	114.4	..	108.7
3Q2002	143.3	117.2	..	93.8	162.9	112.7	..	108.2
4Q2002	146.1	120.1	..	93.8	161.8	115.0	..	109.6
1Q2003	159.5	128.0	..	93.6	..	116.1	..	110.5
2Q2003	..	118.1	..	93.6	..	118.9	..	110.2
3Q2003	..	117.0	..	96.2	..	120.6	..	110.7
4Q2003	..	118.6	..	96.3	..	114.0	..	112.5
1Q2004	..	121.7	..	96.3	..	110.7	..	113.3
2Q2004	..	128.7	..	96.2	..	110.7	..	113.4
3Q2004	..	132.8	..	96.2	..	110.7	..	114.1
4Q2004	..	140.5	..	96.2	..	112.7	..	115.4
1Q2005	..	138.7	..	96.2	..	114.7	..	115.7
2Q2005	..	147.1	..	96.2	..	114.7	..	115.3
3Q2005	..	159.4	..	96.2	..	119.7	..	116.0
4Q2005	..	159.1	..	96.2	..	125.6	..	117.7
1Q2006	..	159.2	..	96.2	..	127.6	..	119.2
2Q2006	..	166.2	..	96.2	..	141.3	..	119.0
3Q2006	..	166.4	..	97.0	..	143.8	..	119.7
4Q2006	..	153.3	..	97.8	..	143.8	..	122.0
1Q2007	..	153.0	..	97.8	..	143.8	..	122.9
2Q2007	..	162.6	..	97.8	..	143.8	..	123.8
3Q2007	..	164.7	..	98.3	..	143.8	..	124.3
4Q2007	..	174.9	..	98.8	..	143.8	..	124.8
1Q2008	..	182.1	..	98.8	..	150.0	..	125.9
2Q2008	..	..	..	..	..	..	..	..

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## GENERAL NOTES

From 1Q90 onwards, prices refer to the weekly averages of the quarter. From 1Q85 to 4Q89, prices refer to the second month of each quarter. Prior to 1Q85, prices refer to the first month of each quarter. See individual products for details.

**General Tax (VAT):** VAT is not usually included in prices shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded. For more information see oil products, below.

From	To	%
01.01.78	30.06.82	17.6
01.07.82	31.07.95	18.6
01.08.95	31.3.00	20.6
01.04.00	now	19.6

## OIL PRODUCTS

### Excise Taxes

*TIPP (Taxe Intérieure sur les Produits Pétroliers):*

From 1 October 2000 to 21 July 2002, the TIPP was allowed to "float". This excise tax (varies according to the price of crude oil, using the North Sea Brent price as a benchmark) was levied on light fuel oil, automotive diesel for non-commercial use and premium gasoline. When the price of benchmark crude oil increased by more than 10%, the amount of TIPP decreased by the same amount. Inversely, when the price of benchmark crude oil decreased by more than 10%, the TIPP increased. The crude oil price and any variation in the TIPP was reviewed each year on 21 January, 21 March, 21 May, 21 July, 21 September and 21 November. Since 22 July 2002, the TIPP no longer depends on the price of oil, but only on volume. From 1 January 2005, French regions receive a fraction of the TIPP (e.g. a maximum of 1.15 Euro cents for diesel) on the quantities of fuel sold to final consumers in their territory.

*IFP (Institut Français du Pétrole):* From 11 January 1999 onwards, amounts are included in the TIPP. This tax funds the national petroleum research institute. The amount of IFP tax corresponds to approximately 4-6% of the TIPP.

*Hydro-Carbon Fund (Fonds de Soutien des Hydrocarbures, or FSH):* Applies to all oil products and natural gas for vehicles. The FSH is a special fund for public works.

*Other Taxes:* Government-regulated special allowances for each firm's emergency storage costs amount to approximately 1 EUR/tonne (5-6 FRF/tonne) and are included in the price column but not in taxes.

Prior to 4Q85, light fuel oil was subject to maximum price regulation. Prior to 1Q85, automotive diesel oil and gasoline were regulated within a price range.

**Sources:** Unless specified otherwise, Ministry of Industry, Direction des Hydrocarbures, following specifications of a European Commission decision of January 1977. Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### High Sulphur Fuel Oil

#### Excise Tax (TIPP)

From	To	EUR/tonne	FRF/tonne
Prior to	31.01.90	20.10	131.82
01.02.90	06.01.91	20.55	134.82
07.01.91	06.01.92	20.84	136.70
07.01.92	14.01.93	21.16	138.83
15.01.93	14.04.93	21.43	140.54
15.04.93	11.07.93	21.45	140.70
12.07.93	10.01.95	23.14	151.80
11.01.95	10.01.96	23.51	154.20
11.01.96	10.01.97	23.92	156.90
11.01.97	10.01.98	24.38	159.90
11.01.98	10.01.99	24.67	161.80
11.01.99	31.12.99	24.88	163.20
11.01.00	20.07.02	18.57	121.80
21.07.02	now	18.50	

Prices shown refer to the ex-coastal refinery price. Rebates exist but the amounts are unknown.

#### Specifications

Quality:	Fuel Oil No. 2, Ordinaire HTS
Sulphur Content:	< 2%
Delivery Size:	< 24 000 t/year
NCV:	9 750 kcal/kg

### Low Sulphur Fuel Oil

#### Excise Tax (TIPP)

From	To	EUR/tonne	FRF/tonne
01.12.93	10.01.95	17.23	113.0
11.01.95	10.01.96	17.49	114.7
11.01.96	10.01.97	17.79	116.7
11.01.97	10.01.98	18.13	118.9
11.01.98	10.01.99	18.34	120.3

From	To	EUR/ tonne	FRF/ tonne
11.01.99	31.12.99	18.49	121.3
01.01.00	20.07.02	18.57	121.8
21.07.02	now	18.50	

**Specifications**

Quality:	Fuel Oil No. 2, Ordinaire BTS
Sulphur Content:	< 2%
Delivery Size:	< 24 000 t/year
NCV:	9 750 kcal/kg

**Heavy Fuel Oil for Electricity Generation**

Prices are not available, but the amount paid is estimated to be mid-way between the industry price and the Rotterdam spot price.

**Light Fuel Oil for Industry and Agriculture****General Tax (VAT)**

From	To	Rate of reimbursement
1978	1991	As an exception to general EC practice, VAT was not reimbursed for industrial use, and so is part of prices and taxes shown.
01.01.86	28.12.89	Agricultural use 50% reimbursed.
29.12.89	31.12.90	Inland waterway use 50% reimbursed.
01.01.91	31.12.91	Industry use 50% reimbursed.
01.01.92	now	All other uses 100% reimbursed.

**Excise Tax (TIPP)**

From	To	EUR/ kl	FRF/ kl
Prior to	31.01.90	See tax column	
31.01.90	31.01.90	61.83	405.6
01.02.90	06.01.91	63.34	415.5
07.01.91	06.01.92	64.33	422.0
07.01.92	14.01.93	65.32	428.5
15.01.93	14.04.93	66.62	437.0
15.04.93	11.07.93	67.00	439.5
12.07.93	10.01.94	72.60	476.2
11.01.94	10.01.95	74.23	486.9
11.01.95	10.01.96	75.46	495.0
11.01.96	10.01.97	76.86	504.2
11.01.97	10.01.98	78.45	514.6
11.01.98	10.01.99	79.44	521.1
11.01.99	10.01.00	80.14	525.7
11.01.00	30.09.00	80.54	528.3
01.10.00	20.03.01	31.07	
21.03.01	20.07.02	42.52	
21.07.02	now	56.60	

Prices refer to the maximum price for delivery size. From 1Q93 onwards, prices and taxes refer to the weekly average of the quarter. From 1Q90 to 4Q92, prices and taxes refer to the monthly average of the quarter.

**Specifications**

Quality:	Fuel Oil Domestique
Density:	0.845 t/kl
Delivery Size:	27 kl, Scale C4 (minimum)
NCV:	10 100 kcal/kg

**Source:** Ministry of Industry, Division des Hydrocarbures.

**Light Fuel Oil for Households**

**General Tax (VAT):** See general notes for France.

**Excise Tax:** See industry and agriculture.

Price shown corresponds to maximum price for deliveries in the Paris area.

**Specifications**

Quality:	Fuel Oil Domestique
Density:	0.845 t/kl
Delivery Size:	2 - 5 kl, Scale C1
NCV:	10 100 kcal/kg

**Automotive Diesel Oil**

**General Tax (VAT):** As an exception to general EC practice, VAT was only partially reimbursed to commercial, industrial and agricultural users.

From	To	%
01.01.82	31.12.82	10
01.01.83	31.12.83	20
01.01.84	31.12.84	30
01.01.85	30.04.85	40
01.05.85	31.12.87	50
01.01.88	30.12.88	60
01.01.89	30.12.89	70
01.01.90	30.12.90	80
01.01.91	30.12.91	90
01.01.92	now	100

Refunds of VAT on automotive diesel oil used in international transport are as follows:

From	To	%
01.01.85	31.12.85	50
01.01.86	31.12.86	65
01.01.87	31.12.87	85
01.01.88	now	100

Prices and taxes shown in the tables take account of these partial refunds.

**Excise Tax (TIPP)**

From	To	EUR/ litre	FRF/ litre
Prior to	31.01.90	See tax column	
01.02.90	06.01.91	0.246	1.6115
07.01.91	14.01.93	0.257	1.6857

From	To	EUR/ litre	FRF/ litre
15.01.93	14.04.93	0.265	1.7364
15.04.93	20.08.93	0.268	1.7571
21.08.93	30.11.93	0.311	2.0371
01.12.93	10.01.94	0.311	2.0408
11.01.94	10.01.96	0.329	2.1582
11.01.96	10.01.97	0.349	2.2922
11.01.97	10.01.98	0.358	2.351
11.01.98	10.01.99	0.371	2.4322
11.01.99	31.12.99	0.381	2.5022
01.01.00	30.09.00	0.392	2.571
01.10.00	20.03.01	0.367	2.4038
21.03.01	20.07.02	0.390	2.4690
21.07.02	10.01.04	0.392	
11.01.04	31.12.06	0.417	
01.01.07	07.02.08	0.426	
08.02.08	now	0.428	

### Specifications

Quality:	Gazole
Density:	0.845 kg/litre

### Gasoline

**General Tax (VAT):** See general notes for France.

### Excise Tax (TIPP)

#### Premium Leaded

From	To	EUR/ litre	FRF/ litre
Prior to	31.01.90	see tax column	
31.01.90	31.01.90	0.466	3.0553
01.02.90	06.01.91	0.477	3.1311
07.01.91	20.03.91	0.485	3.1796
21.03.91	06.01.92	0.485	3.1806
07.01.92	14.01.93	0.492	3.2297
15.01.93	14.04.93	0.499	3.2748
15.04.93	11.07.93	0.502	3.2939
12.07.93	30.11.93	0.545	3.5739
01.12.93	10.01.94	0.545	3.5776
11.01.94	10.01.95	0.558	3.6592
11.01.95	10.01.96	0.589	3.8644
11.01.96	10.01.97	0.608	3.9894
11.01.97	10.01.98	0.619	4.0582
11.01.98	10.01.99	0.631	4.1394
11.01.99	31.12.99	0.637	4.1764

#### Leaded Replacement Gasoline (ARS)

From	To	EUR/ litre	FRF/ litre
01.01.00	30.09.00	0.640	4.1960
01.10.00	20.03.01	0.614	4.0287
21.03.01	20.07.02	0.624	4.0890
21.07.02	now	0.640	

#### Unleaded

From	To	EUR/ litre	FRF/ litre
Prior to	31.01.90	0.443	2.9078
01.02.90	06.01.91	0.454	2.9799
07.01.91	20.03.91	0.430	2.8174
21.03.91	06.01.92	0.430	2.8184
07.01.92	14.01.93	0.436	2.8621
15.01.93	14.04.93	0.443	2.9072
15.04.93	11.07.93	0.446	2.9267
12.07.93	30.11.93	0.489	3.2067
01.12.93	10.01.94	0.489	3.2104
11.01.94	10.01.95	0.507	3.3242
11.01.95	10.01.96	0.549	3.6016
11.01.96	10.01.97	0.568	3.7266
11.01.97	10.01.98	0.577	3.7854
11.01.98	31.12.99	0.589	3.8666
01.01.00	30.09.00	0.589	3.8650
01.10.00	20.03.01	0.564	3.6982
21.03.01	20.07.02	0.574	3.7640
21.07.02	31.12.06	0.589	
01.01.07	now	0.602	

From February 1985 onwards, prices are deregulated and refer to the average for all of France. Prior to February 1985, prices were regulated within a price range and refer to the maximum price for the Paris area. Rebates up to 0.026 EUR/litre (0.17 FRF/litre) were possible.

### Specifications

Grade and Octane:	Premium Leaded 98 RON Premium Unleaded 98 RON Premium Unleaded 95 RON
Lead Content:	0.40 g/litre
Density:	0.755 kg/litre

### Automotive LPG

Pump Prices.

**Excise tax:** As shown in excise tax column.

## NATURAL GAS

**General Tax (VAT):** From 1 November 1988 onwards, two rates of VAT apply, fixed charges and actual consumption. See VAT column for composite rate.

From	To	% Fixed- charges	% Con- sumption
01.02.60	31.10.88	18.6	18.6
01.11.88	31.12.94	5.5	18.6
01.01.95	31.07.95	18.6	18.6
01.08.95	31.12.98	20.6	20.6
01.01.99	31.03.00	5.5	20.6
01.04.00	now	5.5	19.6



**Special Tax**

*TICGN (Tax Intérieure de la Consommation de Gaz Naturel)*: Applies to industrial consumers whose consumption is greater than 18 000 GJ/year. The tax is paid on the difference between the actual consumption and a threshold of 17 280 GJ/year.

From	To	EUR/ 10 <sup>7</sup> kcal	FRF/ 10 <sup>7</sup> kcal
01.01.86	31.12.86	16.84	110.45
01.01.87	31.12.87	10.46	68.59
01.01.88	01.06.89	9.93	65.11
01.07.89	31.12.89	10.10	66.27
01.01.90	31.12.90	10.28	67.43
01.01.91	31.12.91	10.46	68.59
01.01.92	14.01.93	10.63	69.76
15.01.93	14.04.93	11.49	75.34
15.04.93	24.06.93	11.57	75.92
25.06.93	10.01.94	12.51	82.08
11.01.94	10.01.95	12.78	83.82
11.01.95	10.01.96	12.99	85.22
11.01.96	10.01.97	13.22	86.73
11.01.97	10.01.98	13.49	88.47
11.01.98	10.01.99	13.65	89.52
11.01.99	10.01.00	13.77	90.33
11.01.00	10.01.01	13.84	90.80
11.01.01	now	13.84	90.80

Prices shown in the main table are annual average revenues per 10<sup>7</sup> kcal received by the major French gas utility Gaz de France (GDF) from industry and households.

**Specifications**

GCV: 8 400 kcal/m<sup>3</sup>

**Source:** Gaz de France, *Statistiques de Gaz*, annual and correspondence with Gaz de France secretariat.

**COAL****Steam Coal for Industry**

Price shown refers to the list price as fixed by Charbonnages de France for domestic steam coal from the Lorraine coal mines delivered by train loads to the Paris region (Versailles).

**Specifications**

Quality: Fines Lavées Flambants Gras A de Lorraine  
Calibre: 0/6 - 0/20  
NCV: 6 210 kcal/kg

**Source:** Observatoire de l'Energie, Economie et Matières Premières, Pegasus database.

**Steam Coal for Electricity Generation**

Average CIF import price for one tonne of steam coal. The large majority of coal used in French power stations is imported steam coal.

From 1Q88 onwards, prices refer to bituminous coal excluding coking coal. Prior to 1Q88, prices refer to other hard coal.

**Specifications**

Quality: Items 2701.12-90 and 2701.19-00 (1Q88 onwards)  
Item 2701-18, excluding anthracite Item 2701-11 and dry steam coal Item 2701-14 (prior to 1Q88)  
NCV: 6 210 kcal/kg

**Source:** Statistical office of the European Communities.

**Steam Coal for Households**

**General Tax (VAT):** See general notes for France.

Prices refer to deliveries greater than 1 tonne to the Paris region.

**Specifications**

Quality: Grains  
Calibre: 6/10  
NCV: 8 800 kcal/kg (1990 onwards)  
6 210 kcal/kg (prior to 1990)

**Source:** Observatoire de l'Energie, Economie et Matières Premières, Pegasus database.

**Coking Coal for Industry**

From 1987 onwards, prices refer to the average CIF import price for one tonne of imported coking coal. From 1Q96 onwards, all coking coal consumed is imported. Prior to 1Q96, approximately 80% of coking coal consumed was imported.

Prior to 1987, prices refer to the wholesale price of domestic coking coal, ex-mine and loaded onto the train.

**Specifications**

Quality: Item 2701.12-10 (1Q88 onwards)  
Item 2701-6 (prior to 1Q88)  
Charbon à coke, Flambants Gras A (prior to 1987)  
NCV: 7 285 kcal/kg

**Sources:** From 1987 onwards, Statistical office of the European Communities. Prior to 1987, Charbonnage de France.

## ELECTRICITY

Prices shown in main table are annual average revenues per kWh of electricity received by Electricité de France (EDF) from industry and households plus an estimate of all tax components as far as they are not refundable.

From 2003 onwards, "compensation for the public electricity service" charge is levied on electricity consumption by households and industry:

Year	EUR/kWh
2003	0.0033
2004	0.0045

### *Electricity for Industry*

**General Tax (VAT):** See general notes for France. From 1 January 1999 onwards, recoverable VAT on standing charges is reduced to 5.5%.

**Special Taxes:** Municipal taxes (0-8%) and departmental taxes (0-4%) are levied on the ex-tax price (consumption of 0-250 kVA) but are not shown in the excise column. Their composite national rate is now approximately 11%.

They are levied on the ex-tax price:

Tariff Category	%
Blue (3-36 kVA)	80
Yellow (36 – 250 kVA) and Green (< 10 000 kVA)	30

Price represents all industry sectors except transport, telecommunications, services and agriculture.

**Sources:** From 2000 onwards, Observatoire de l'Énergie. Prior to 2000, Electricité de France, Direction Marketing, Service PRIME.

### *Electricity for Households*

**General Tax (VAT):** From 1 November 1988 onwards, two rates of VAT are applied: one rate to fixed charges (which account for about 30% of the bill) and another rate to the actual consumption.

From	To	% Fixed-charges	% Consumption
01.02.60	31.10.88	18.6	18.6
01.11.88	31.12.94	5.5	18.6
01.01.95	31.07.95	18.6	18.6
01.08.95	31.12.98	20.6	20.6
01.01.99	31.03.00	5.5	20.6
01.04.00	now	5.5	19.6

Since 1 July 2006, the VAT rate of 5.5% for fixed charges applies to the after-tax fixed charge (i.e. applicable to both the ex-tax price and the special taxes). Before July 2006, the VAT rate of 5.5% applied only to the ex-tax fixed charge. The VAT on consumption continues to apply to the after-tax price, as has been the case since 1 August 1991.

**Special Taxes:** Municipal taxes (0-8%) and departmental taxes (0-4%) are levied on the ex-tax price. Since 1Q2004, their composite national rate is approximately 11%. Prior to this, the rate was approximately 8.5%.

**Sources:** From 2000 onwards, Observatoire de l'Énergie. Prior to 2000, Electricité de France, Direction Marketing.

## ENERGY INDICES

Annual indices are 12-month averages. From 1Q93 onwards, quarterly indices refer to three-month averages. Prior to 1Q93, quarterly indices refer to the second month of each quarter.

**Source:** National Statistics and Economic Studies Institute (INSEE) *Bulletin Mensuel de Statistique*, monthly.

### *Oil Products*

Wholesale: Produits pétroliers.

Retail: All oil products (tous produit pétroliers).

### *Electricity*

Wholesale: High voltage electricity (high and extra-high voltage).

Retail: Electricity (électricité).

### *Natural Gas*

Wholesale: Distribution by Gaz de France, excluding sales to households.

Retail: City gas (gaz de ville).

### *Coal Products*

Wholesale: Total coal products.

Retail: Solid fuels (combustibles solides).

## GERMANY

Table 1 - Average Prices and Taxes in Euro

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	102.77	15.34	-	15.34	118.11	93.57	28.12	-	28.12	121.69
1998	85.39	15.34	-	15.34	100.72	75.16	28.12	-	28.12	103.28
1999	101.24	15.34	-	15.34	116.57	93.57	28.12	-	28.12	121.69
2000	170.01	17.89	-	17.89	187.90	163.61	17.89	-	17.89	181.50
2001	150.22	17.89	-	17.89	168.11	141.08	17.89	-	17.89	158.97
2002	165.20	17.89	-	17.89	183.09	148.64	17.89	-	17.89	166.53
2003	161.26	25.00	-	25.00	186.26	151.49	25.00	-	25.00	176.49
2004	149.80	25.00	-	25.00	174.80	137.80	25.00	-	25.00	162.80
2005	218.83	25.00	-	25.00	243.83	206.78	25.00	-	25.00	231.78
2006	270.93	25.00	-	25.00	295.93	257.20	25.00	-	25.00	282.20
2007	262.58	25.00	-	25.00	287.58	246.93	25.00	-	25.00	271.93
2Q2007	237.60	25.00	-	25.00	262.60	222.00	25.00	-	25.00	247.00
3Q2007	277.40	25.00	-	25.00	302.40	259.70	25.00	-	25.00	284.70
4Q2007	317.60	25.00	-	25.00	342.60	300.70	25.00	-	25.00	325.70
1Q2008	338.40	25.00	-	25.00	363.40	326.80	25.00	-	25.00	351.80
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	177.62	40.90	-	40.90	218.53	178.29	40.90	32.88	73.78	252.07
1998	138.05	40.90	-	40.90	178.95	138.05	40.90	28.17	69.08	207.12
1999	165.86	56.24	-	56.24	222.11	165.86	56.24	35.53	91.78	257.64
2000	290.98	61.36	-	61.36	352.33	290.98	61.36	56.40	117.75	408.73
2001	260.19	61.36	-	61.36	321.55	260.19	61.36	51.45	112.80	372.99
2002	240.99	61.35	-	61.35	302.34	240.99	61.35	48.38	109.73	350.72
2003	243.32	61.35	-	61.35	304.67	243.32	61.35	48.75	110.10	353.42
2004	275.88	61.35	-	61.35	337.23	275.88	61.35	53.96	115.31	391.19
2005	389.20	61.35	-	61.35	450.55	389.20	61.35	72.09	133.44	522.64
2006	442.93	61.35	-	61.35	504.28	442.93	61.35	80.68	142.03	584.96
2007	433.16	61.35	-	61.35	494.51	433.16	61.35	93.96	155.31	588.47
2Q2007	411.93	61.35	-	61.35	473.28	411.93	61.35	89.92	151.27	563.20
3Q2007	447.55	61.35	-	61.35	508.90	447.55	61.35	96.69	158.10	605.60
4Q2007	505.87	61.35	-	61.35	567.20	505.87	61.35	107.70	169.10	674.97
1Q2008	542.26	61.35	-	61.35	603.61	542.26	61.35	114.69	176.04	718.30
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.234	0.317	-	0.317	0.551	0.234	0.317	0.083	0.400	0.634
1998	0.186	0.317	-	0.317	0.503	0.186	0.317	0.079	0.396	0.582
1999	0.211	0.343	-	0.343	0.553	0.210	0.340	0.088	0.428	0.638
2000	0.312	0.378	-	0.378	0.691	0.312	0.378	0.110	0.489	0.801
2001	0.300	0.409	-	0.409	0.709	0.300	0.409	0.114	0.523	0.822
2002	0.284	0.440	-	0.440	0.724	0.284	0.440	0.116	0.556	0.840
2003	0.294	0.470	-	0.470	0.764	0.294	0.470	0.122	0.592	0.886
2004	0.338	0.470	-	0.470	0.808	0.338	0.470	0.129	0.599	0.937
2005	0.450	0.470	-	0.470	0.920	0.448	0.470	0.147	0.617	1.065
2006	0.493	0.470	-	0.470	0.963	0.492	0.470	0.154	0.624	1.116
2007	0.512	0.470	-	0.470	0.982	0.512	0.470	0.187	0.657	1.169
2Q2007	0.495	0.470	-	0.470	0.965	0.495	0.470	0.183	0.653	1.148
3Q2007	0.515	0.470	-	0.470	0.985	0.515	0.470	0.187	0.657	1.172
4Q2007	0.597	0.470	-	0.470	1.065	0.597	0.470	0.203	0.673	1.270
1Q2008	0.617	0.470	-	0.470	1.087	0.617	0.470	0.207	0.677	1.294
2Q2008	..	..	..	..	..	..	..	..	..	..

## GERMANY

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (95 RON) Gasoline (per litre)						Regular Unleaded (91 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.242	0.501	0.111	0.613	0.854	0.219	0.501	0.108	0.609	0.828
1998	0.202	0.501	0.111	0.612	0.814	0.184	0.501	0.108	0.609	0.793
1999	0.229	0.524	0.121	0.645	0.874	0.207	0.524	0.117	0.641	0.848
2000	0.312	0.562	0.140	0.703	1.015	0.290	0.562	0.137	0.699	0.989
2001	0.289	0.593	0.141	0.734	1.024	0.272	0.593	0.138	0.731	1.003
2002	0.279	0.624	0.145	0.769	1.048	0.262	0.624	0.142	0.766	1.028
2003	0.287	0.655	0.151	0.806	1.093	0.269	0.655	0.148	0.803	1.072
2004	0.324	0.655	0.157	0.812	1.136	0.306	0.655	0.154	0.809	1.115
2005	0.399	0.655	0.169	0.824	1.223	0.382	0.655	0.166	0.821	1.203
2006	0.456	0.655	0.178	0.833	1.289	0.439	0.655	0.175	0.830	1.269
2007	0.472	0.655	0.214	0.869	1.341	0.460	0.655	0.212	0.867	1.327
2Q2007	0.493	0.655	0.218	0.873	1.366	0.476	0.655	0.215	0.870	1.346
3Q2007	0.493	0.655	0.218	0.873	1.366	0.483	0.655	0.216	0.870	1.353
4Q2007	0.502	0.655	0.220	0.875	1.377	0.496	0.655	0.219	0.874	1.370
1Q2008	0.521	0.655	0.224	0.879	1.400	0.521	0.655	0.224	0.879	1.400
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	146.89	21.42	-	21.42	168.32
1998	..	..	..	..	..	138.51	21.42	-	21.42	159.93
1999	..	..	..	..	..	127.31	24.29	-	24.29	151.60
2000	..	..	..	..	..	178.70	25.21	-	25.21	203.90
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	0.369	0.092	0.074	0.166	0.535	..	..	..	..	..
2006	0.395	0.092	0.078	0.170	0.565	..	..	..	..	..
2007	0.397	0.092	0.093	0.185	0.582	..	..	..	..	..
2Q2007	0.392	0.092	0.092	0.184	0.576	..	..	..	..	..
3Q2007	0.392	0.092	0.092	0.184	0.576	..	..	..	..	..
4Q2007	0.411	0.092	0.096	0.188	0.598	..	..	..	..	..
1Q2008	0.437	0.092	0.100	0.192	0.629	..	..	..	..	..
2Q2008	0.446	0.092	0.102	0.194	0.640	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	118.72	21.42	-	21.42	140.15	299.77	21.42	48.16	69.59	369.36
1998	111.15	21.42	-	21.42	132.58	293.38	21.42	49.54	70.97	364.35
1999	106.66	24.29	-	24.29	130.94	273.39	35.69	49.44	85.13	358.52
2000	141.27	25.21	-	25.21	166.48	308.82	40.44	55.88	96.33	405.15
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## GERMANY

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	43.46	-	-	-	43.46
1998	..	..	..	..	..	41.93	-	-	-	41.93
1999	..	..	..	..	..	39.37	-	-	-	39.37
2000	..	..	..	..	..	46.02	-	-	-	46.02
2001	..	..	..	..	..	57.93	-	-	-	57.93
2002	..	..	..	..	..	48.49	-	-	-	48.49
2003	..	..	..	..	..	44.27	-	-	-	44.27
2004	..	..	..	..	..	56.35	-	-	-	56.35
2005	..	..	..	..	..	64.19	-	-	-	64.19
2006	..	..	..	..	..	62.13	-	-	-	62.13
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	62.87	-	-	-	62.87
3Q2007	..	..	..	..	..	65.89	-	-	-	65.89
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	52.88	-	-	-	52.88
1998	..	..	..	..	..	50.16	-	-	-	50.16
1999	..	..	..	..	..	c	-	-	-	c
2000	..	..	..	..	..	c	-	-	-	c
2001	..	..	..	..	..	c	-	-	-	c
2002	..	..	..	..	..	c	-	-	-	c
2003	..	..	..	..	..	c	-	-	-	c
2004	..	..	..	..	..	c	-	-	-	c
2005	..	..	..	..	..	c	-	-	-	c
2006	..	..	..	..	..	c	-	-	-	c
2007	..	..	..	..	..	c	-	-	-	c
2Q2007	..	..	..	..	..	c	-	-	-	c
3Q2007	..	..	..	..	..	c	-	-	-	c
4Q2007	..	..	..	..	..	c	-	-	-	c
1Q2008	..	..	..	..	..	c	-	-	-	c
2Q2008	..	..	..	..	..	c	-	-	-	c
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0637	-	-	-	0.0637	0.1229	-	0.0184	0.0184	0.1413
1998	0.0605	-	-	-	0.0605	0.1234	-	0.0199	0.0199	0.1434
1999	0.0534	-	-	-	0.0534	0.1228	-	0.0194	0.0194	0.1422
2000	0.0440	-	-	-	0.0440	0.1129	-	0.0180	0.0180	0.1309
2001	0.0490	-	-	-	0.0490	0.1191	-	0.0190	0.0190	0.1382
2002	0.0515	-	-	-	0.0515	0.1240	-	0.0198	0.0198	0.1438
2003	0.0579	-	-	-	0.0579	0.1340	-	0.0214	0.0214	0.1554
2004	0.0619	-	-	-	0.0619	0.1372	-	0.0220	0.0220	0.1590
2005	0.0676	-	-	-	0.0676	0.1474	-	0.0236	0.0236	0.1710
2006	0.0751	-	-	-	0.0751	0.1523	-	0.0244	0.0244	0.1767
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**GERMANY**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	1995 = 100	2005 = 100	1995 = 100	2005 = 100	1995 = 100	2005 = 100	1995 = 100	2005 = 100
1987	91.1	..	101.6	..	95.0	..	88.7	..
1988	81.7	..	102.4	..	85.4	..	90.0	..
1989	100.1	..	104.0	..	88.2	..	91.5	..
1990	107.4	..	101.6	..	102.0	..	92.6	..
1991	113.1	..	100.2	..	116.0	..	93.5	..
1992	104.5	..	100.0	..	110.6	..	98.4	..
1993	104.1	..	100.0	..	105.7	..	99.3	..
1994	102.8	..	100.4	..	102.0	..	100.0	..
1995	100.0	..	100.0	..	100.0	..	100.0	..
1996	113.7	63.2	86.6	80.4	100.6	63.0	100.1	89.9
1997	115.3	64.9	85.8	80.8	112.7	65.4	..	90.3
1998	98.7	60.8	85.0	81.7	107.8	65.5	..	91.1
1999	118.6	66.4	81.6	85.0	101.8	64.1	..	92.7
2000	179.9	81.0	68.9	80.8	142.9	74.6	..	94.6
2001	173.7	80.6	71.8	84.1	182.1	90.4	..	95.2
2002	164.2	81.6	73.1	87.8	158.8	85.3	..	97.0
2003	..	85.2	..	92.2	..	89.6	..	98.2
2004	..	89.8	..	95.9	..	90.6	..	99.1
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	106.6	..	103.9	..	116.8	..	102.1
2007	..	109.8	..	111.1	..	121.0	..	104.0
2Q2000	163.2	78.2	68.2	80.6	137.2	73.0	..	94.3
3Q2000	193.4	84.1	67.8	80.6	150.1	76.0	..	94.4
4Q2000	204.9	84.7	69.2	81.2	163.9	81.4	..	95.3
1Q2001	168.4	80.7	71.8	83.7	178.3	90.3	..	95.3
2Q2001	176.1	85.0	71.6	84.0	186.1	91.5	..	94.8
3Q2001	176.6	81.3	71.9	84.2	182.0	91.0	..	95.0
4Q2001	154.4	75.4	71.9	84.3	168.9	88.6	..	95.6
1Q2002	154.3	78.4	72.9	87.7	167.6	87.0	..	96.9
2Q2002	164.4	83.0	72.9	87.8	158.8	85.1	..	96.7
3Q2002	166.9	82.6	73.0	87.9	152.4	84.6	..	96.9
4Q2002	171.1	82.3	73.5	88.0	156.3	84.3	..	97.4
1Q2003	192.5	89.3	80.0	91.8	171.9	88.7	..	98.0
2Q2003	161.0	83.6	80.7	92.1	177.6	89.2	..	97.7
3Q2003	..	84.3	..	92.3	..	90.1	..	98.2
4Q2003	..	83.5	..	92.6	..	90.5	..	98.8
1Q2004	..	84.2	..	95.5	..	90.0	..	99.1
2Q2004	..	90.1	..	95.9	..	89.8	..	98.7
3Q2004	..	92.6	..	96.0	..	90.0	..	99.1
4Q2004	..	92.4	..	96.1	..	92.4	..	99.5
1Q2005	..	90.3	..	99.5	..	96.6	..	99.7
2Q2005	..	97.5	..	100.1	..	97.3	..	99.5
3Q2005	..	107.0	..	100.2	..	99.7	..	99.8
4Q2005	..	105.1	..	100.2	..	106.5	..	101.1
1Q2006	..	104.1	..	103.5	..	115.0	..	101.8
2Q2006	..	111.0	..	103.8	..	113.1	..	101.8
3Q2006	..	110.3	..	104.1	..	117.1	..	102.0
4Q2006	..	101.0	..	104.2	..	122.0	..	102.7
1Q2007	..	102.1	..	109.8	..	125.1	..	103.4
2Q2007	..	109.9	..	110.3	..	120.4	..	103.6
3Q2007	..	111.7	..	111.5	..	119.3	..	103.9
4Q2007	..	115.5	..	112.7	..	119.3	..	104.9
1Q2008	..	119.0	..	117.7	..	123.4	..	105.7
2Q2008	..	..	..	..	..	..	..	..

# GERMANY

## GENERAL NOTES

From 1Q93 onwards, prices refer to the monthly averages of the quarter. From 1Q85 to 4Q92, prices refer to the second month of the quarter. Prior to 1Q85, prices refer to the first month of each quarter. See individual products for details.

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded.

From	To	%
01.01.78	30.06.79	12
01.07.79	30.06.83	13
01.07.83	31.12.92	14
01.01.93	31.03.98	15
01.04.98	31.12.06	16
01.01.07	now	19

**Special Tax (Eco Tax):** From 1 April 1999 onwards, an ecology tax was introduced. See individual products for rates and schedules.

From 1Q91 onwards, the prices and taxes presented include both eastern and western Germany.

## OIL PRODUCTS

### High Sulphur Fuel Oil

#### Excise Tax (Mineralölsteuer)

From	To	EUR/ tonne	DEM/ tonne
Prior to	31.12.88	7.67	15
01.01.89	31.12.00	15.34	30
01.01.01	31.12.02	17.89	35
01.01.03	now	25.00	

#### Special Taxes

##### Contribution to Emergency Storage Fund (EBV)

From	To	EUR/ tonne	DEM/ tonne
01.12.78	31.03.81	1.79	3.5
01.04.81	31.08.81	2.91	5.7
01.09.81	31.03.83	3.37	6.6
01.04.83	31.12.84	3.02	5.9
01.01.85	31.03.88	2.66	5.2

From	To	EUR/ tonne	DEM/ tonne
01.04.88	31.03.93	3.83	7.5
01.04.93	31.03.96	3.73	7.3
01.04.96	31.03.01	4.04	7.9
01.04.01	31.03.03	4.29	8.4
01.04.03	31.03.07	4.10	
01.04.07	now	3.70	

#### Specifications

Quality: Heizöl schwer  
Density: 0.99 t/kl  
NCV: 9 800 kcal/kg

#### Sulphur Content:

From	To	%
Prior to	31.12.85	0.5 - 2.8
01.01.86	31.12.90	1 - 2
01.01.91	now	1

For industry, prices shown refer to annual consumption of 201-2 000 tonnes and are averages of all German refiners (approximately 60-80% of total consumption). Prices include transport costs within 30 km, equivalent to the perimeter around refineries and storage facilities. Approximately 80% of all volumes sold are consumed within this area.

For electricity generation, average transport cost is included in the price shown and amounts to 7.67 EUR/tonne (15 DEM/tonne) for a 650-tonne barge.

**Sources:** For industry, Bundesministerium für Wirtschaft und Technologie, Berlin, following specifications of EC decision of 26 January 1977. National aggregates are computed as (currently) weighted averages of individual refinery reports. For electricity generation prices (excluding transport cost), Ministry of Economics and Technology, Berlin.

### Light Fuel Oil

**General Tax (VAT):** Applies to households. See general notes for Germany.

**Excise Tax (Mineralölsteuer):** As shown in excise tax column for industry.

#### Special Taxes

*Contribution to Emergency Storage Fund:* Contained in price only.

From	To	EUR/ kl	DEM/ tonne
01.12.78	31.03.81	32.57	5.54
01.04.81	31.08.81	42.59	7.23
01.09.81	31.03.83	54.79	9.30
01.04.83	31.12.84	47.08	8.00
01.01.85	31.03.88	41.09	6.98

From	To	EUR/ kl	DEM/ tonne
01.04.88	31.03.93	50.87	8.64
01.04.93	31.03.96	45.93	7.81
01.04.96	31.03.01	52.26	8.88
01.04.01	31.03.03	4.50	
01.04.03	31.03.07	3.90	
01.04.07	now	3.50	

*Eco Tax (standard household rate)*

From	To	EUR/ kl	DEM/ tonne
01.04.99	now	20.45	1.78

*Eco Tax (manufacturing industry rate)*

From	To	EUR/ kl	DEM/ tonne
01.04.99	now	4.09	0.36

Price shown is the average of all German refiners, which amounts to approximately 60-80% of total consumption.

**Specifications**

Quality:	Heizöl extraleicht
Density:	0.87 t/kl
Delivery Size:	4 - 5 kl
NCV:	10 200 kcal/kg

**Source:** Bundesministerium für Wirtschaft und Technologie, Berlin, following specifications of EC decision dated 26 January 1977.

**Automotive Diesel**

**General Tax (VAT):** Applies to households. See general notes for Germany.

**Excise Tax (Mineralölsteuer):** As shown in excise tax column.

**Special Taxes**

*Contribution to Emergency Storage Fund:* Amounts are included in the prices but not the taxes shown.

From	To	EUR/ litre	DEM/ litre
Prior to	31.12.84	0.0034	0.0067
01.01.85	31.03.88	0.0030	0.0059
01.04.88	31.03.93	0.0037	0.0073
01.04.93	31.03.96	0.0034	0.0066
01.04.96	31.03.01	0.0038	0.0075
01.04.01	31.03.03	0.0045	0.0088
01.04.03	31.03.07	0.0039	
01.04.07	now	0.0035	

*Eco Tax*

From	To	EUR/ litre	DEM/ litre
01.04.99	31.12.99	0.0307	0.600
01.01.00	31.12.00	0.0614	0.120
01.01.01	31.12.01	0.0921	0.180
01.01.02	31.12.02	0.1328	
01.01.03	now	0.1535	

Price shown is the average pump price for automotive diesel marketed by all German refiners.

**Specifications**

Density: 0.82 - 0.845 t/kl

**Source:** Bundesministerium für Wirtschaft und Technologie, Berlin, following specifications of EC decision dated 26 January 1977.

**Gasoline**

**General Tax (VAT):** See general notes for Germany.

**Excise Tax (Mineralölsteuer)**

## Premium Leaded

From	To	EUR/ litre	DEM/ litre
01.07.73	31.03.81	0.225	0.44
01.04.81	31.03.85	0.261	0.51
01.04.85	31.12.85	0.271	0.53
01.01.86	31.03.87	0.271	0.53
01.04.87	31.03.88	0.271	0.53
01.04.88	31.12.88	0.271	0.53
01.01.89	31.12.90	0.332	0.65
01.01.91	30.06.91	0.343	0.67
01.07.91	31.12.93	0.470	0.92
01.01.94	31.12.96	0.552	1.08
01.01.97	now	No longer consumed	

## Premium and Regular Unleaded

From	To	EUR/ litre	DEM/ litre
01.01.86	31.03.87	0.235	0.46
01.04.87	31.03.88	0.240	0.47
01.04.88	31.12.88	0.245	0.48
01.01.89	31.12.90	0.291	0.57
01.01.91	30.06.91	0.307	0.60
01.07.91	31.12.93	0.419	0.82
01.01.94	31.03.99	0.501	0.98
01.04.99	31.12.99	0.532	1.04
01.01.00	31.12.00	0.562	1.10
01.01.01	31.12.01	0.593	1.16
01.01.02	31.12.02	0.6238	
01.01.03	now	0.6545	



*Contribution to Emergency Storage Fund:* Amounts are included in the prices but not the taxes shown.

From	To	EUR/ litre	DEM/ litre
Prior to	31.03.81	0.0027	0.0053
01.04.81	31.08.81	0.0029	0.0056
01.09.81	31.03.83	0.0036	0.0071
01.04.83	31.12.84	0.0033	0.0064
01.01.85	31.03.88	0.0029	0.0056
01.04.88	31.03.96	0.0037	0.0072
01.04.96	31.03.01	0.0046	0.0089
01.04.01	31.03.03	0.0051	0.0099
01.04.03	31.03.07	0.0046	
01.04.07	now	0.0042	

#### *Eco Tax*

From	To	EUR/ litre	DEM/ litre
01.01.03	now	0.153	

Price shown is an average for premium gasoline marketed by all German refiners and is the weighted average of full-service and self-service pump prices.

Sale of leaded regular is forbidden as of 1 February 1987 and leaded premium as of 1 January 1997.

#### **Specifications**

##### *Premium Leaded*

Octane:	98 RON, 88 MON
Lead Content:	0.15 g/l
Density (at 15°C):	0.730 - 0.780 t/kl

##### *Premium Unleaded*

Octane:	95 RON, 85 MON
Lead Content:	0.15 g/l
Density (at 15°C):	0.735 - 0.785 t/kl

##### *Regular Unleaded*

Octane:	91 RON, 82.5 MON
Lead Content:	0.15 g/l
Density (at 15°C):	0.720 - 0.770 t/kl

**Source:** Bundesministerium für Wirtschaft und Technologie, Berlin, as per EC decision of 26 January 1977.

#### **Automotive LPG**

Pump Prices.

**Excise tax:** As shown in excise tax column.

**Source:** Prices published in the Weekly Oil Bulletin, DG Energy and Transport, European Commission.

## NATURAL GAS

**General Tax (VAT):** Applies to households. See general notes for Germany.

#### **Special Taxes**

From	To	EUR/ 10 <sup>7</sup> kcal	DEM/ 10 <sup>7</sup> kcal	DEM/ 100 kWh
01.01.89	30.06.91	18.46	36.1	0.26
01.07.91	31.03.99	21.42	41.9	0.36
01.04.99	now	25.21	49.3	0.68

#### *Eco Tax (standard household rate)*

From	To	EUR/ 10 <sup>7</sup> kcal	DEM/ 10 <sup>7</sup> kcal
01.04.99	now	19.03	37.22

#### *Eco Tax (manufacturing industry rate)*

From	To	EUR/ 10 <sup>7</sup> kcal	DEM/ 10 <sup>7</sup> kcal
01.04.99	now	3.81	7.45

Prices shown are annual average revenues per 10<sup>7</sup> kcal received by gas utilities from industry, public electric power stations and households.

#### **Specifications**

GCV: 8 400 kcal (97 692 kWh/m<sup>3</sup>)

**Sources:** Federal Ministry of Economics and Labour; Annual Report on the Gas Industry. Data published: One Monthly Issue of the Journal *Die Gas-und Wasserwirtschaft*.

## COAL

### *Steam Coal for Industry*

Price shown is ex-mine. Freight costs are estimated to be 4 - 36 EUR/tonne (7 - 70 DEM/tonne). The amount of traders profit is unknown.

#### **Specifications**

Quality:	Grosskohle (hard coal supplied by Ruhrkohle AG)
Volatile Matter:	20 - 30%
Ash Content:	3 - 5%
Moisture Content:	3 - 6%
Sulphur Content:	1.0%
GCV:	7 000 kcal/kg.

**Source:** Federal Ministry of Economics and Labour, Berlin; questionnaire survey.

### *Steam Coal for Electricity Generation*

Only 60% of total coal input to power stations is steam coal; the remainder being lignite. Most of the lignite comes from mines owned by utilities and does not have a market price. From 1996 onwards, the prices refer to

the prices for imported steam coal. Prior to 1996, prices refer to the weighted average calculated by the IEA using the steam coal domestic and import prices.

#### *Domestic Steam Coal Delivered to Utilities*

Year	EUR/ tonne	DEM/ tonne	Year	EUR/ tonne	DEM/ tonne
1979	94.85	185.5	1988	144.30	282.23
1980	107.31	209.9	1989	146.62	286.76
1981	121.69	238.0	1990	148.33	290.10
1982	130.64	255.5	1991	149.21	291.83
1983	134.47	263.0	1992	157.48	308.00
1984	140.09	274.0	1993	158.25	309.50
1985	140.61	275.0	1994	159.01	311.00
1986	140.61	275.0	1995	159.01	311.00
1987	142.14	278.0			

*Imported Steam Coal Delivered to Utilities:* Prices shown are the average price/tce (tonne of coal equivalent) and include inland transport costs of approximately 5.11 EUR/t SKE (10 DEM/t SKE).

Year	EUR/ tonne	DEM/ tonne	Year	EUR/ tonne	DEM/ tonne
1979	62.63	122.50	1988	55.73	109.00
1980	68.64	134.25	1989	62.77	122.76
1981	96.89	189.50	1990	62.73	122.69
1982	99.06	193.75	1991	59.09	115.57
1983	87.43	171.00	1992	56.43	110.36
1984	83.21	162.75	1993	50.60	98.96
1985	95.48	186.75	1994	49.72	97.25
1986	75.80	148.25	1995	52.73	103.13
1987	59.31	116.00			

The price shown above (valued 1995) is the ex-mine price for utilities after a rebate of 2.05 EUR/tonne (4 DEM/tonne) for large customers, and include an estimated average transport cost of:

From	To	EUR/ tonne	DEM/ tonne
1978	1979	7.67	15
1979	1980	8.18	16
1980	1981	8.69	17
1981	1983	9.20	18
1984	1987	10.23	20
1988	1995	13.80	27

#### **Specifications (domestic coal)**

Quality:	Fett Feinkohle (hard coal from Ruhrkohle AG)
Volatile Matter:	20 - 30%
Ash Content:	6 - 8% (washed) 11 - 14% (unwashed)
Moisture Content:	8 - 10% (washed) < 4% (unwashed)
Sulphur Content:	0.95%
NCV:	6 914 kcal/kg

#### **Specifications (imported coal)**

NCV: 7 000 kcal/kg

**Sources:** Federal Ministry of Economics and Labour, Berlin; questionnaire survey. Data Published: Prices for imported steam coal (CIF) plus unloading costs: *Daten zur Entwicklung der Energiewirtschaft in der Bundesrepublik Deutschland*, Ministry of Economics and Labour.

#### **Steam Coal for Households**

**General Tax (VAT):** See general notes for Germany.

#### **Specifications**

From	To	Quality
1Q78	4Q78	Spezialbrand/Fettnuss 3
1Q79	1Q82	Anthrazit Nuss 4
2Q82	4Q85	Anthrazit Nuss 3; delivery size 500 kg
1Q86	4Q91	Anthrazit Nuss 5/6 (domestic origin); delivery size 3 000 kg
1Q92	now	Zechenbrechkoks 3 (domestic origin); delivery size 3 000 kg; delivered price (frei keller)

**Source:** Federal Statistical Office Wiesbaden, *Preise und Preisindizes für die Lebenshaltung*, Fachserie 17, Reihe 7 (monthly).

#### **Coking Coal for Steel Industry**

#### **Specifications**

Quality:	Kokskohle, from Ruhrkohle AG
Volatile Matter:	26.5%
Ash Content:	< 8%
Moisture Content:	< 10%
Sulphur Content:	0.95%
GCV:	6 950 kcal/kg

Price shown is ex-mine and reflects special contracts with the steel industry. The coking coal price for other industrial sectors is approximately 20% greater.

## **ELECTRICITY**

**General Tax (VAT):** Applies to households only. See general notes for Germany.

#### **Special Taxes**

*Financial Support of German Coal Industry (Ausgleichsabgabe):* Beginning 1Q96, this tax has not been levied. Prior to 4Q95, amounts varied according to the

region. Below is the federal average. Note that this tax was applied to the ex-tax price, and, in the case of households, the VAT was then levied on the sum.

From	To	%
01.04.76	31.12.78	4.50
01.01.79	30.09.79	6.20
01.10.79	31.12.81	4.50
01.01.82	31.12.82	4.20
01.01.83	31.12.85	3.50
01.01.86	31.05.86	3.30
01.06.86	31.12.86	4.50
01.01.87	31.05.87	4.50
01.06.87	31.12.87	7.50
01.01.88	31.12.88	7.25
01.01.89	31.12.89	8.50
01.01.90	31.12.90	8.25
01.01.91	31.12.91	8.00
01.01.92	31.12.92	7.75
01.01.93	31.12.93	7.50
01.01.94	31.12.95	8.50
01.01.96	now	0.00

*Eco Tax:* Installed on 1 April 1999. Amounts are not collected separately but are included in the prices shown. Therefore, it cannot be shown to what extent suppliers are handing over this levy to customers. For industry customers there are a number of different tax percentages applicable (c.f. *Energy Policies of IEA Countries: Germany 2002 Review*, section regarding taxation).

*Eco Tax (standard household rate)*

From	To	EUR/ kWh	DEM/ kWh
01.04.99	31.12.99	0.0102	0.0199
01.01.00	31.12.00	0.0128	0.0250
01.01.01	31.12.01	0.0154	0.0301
01.01.02	31.12.02	0.0179	
01.01.03	now	0.0205	

*Eco Tax:* Below is an illustration of the typical rates for manufacturing industry, applicable with an annual consumption of more than 50 MWh, respectively 25 MWh since 2003.

From	To	EUR/ kWh	DEM/ kWh
01.04.99	31.12.99	0.0020	0.0039
01.01.00	31.12.00	0.0026	0.0051
01.01.01	31.12.01	0.0031	0.0061

From	To	EUR/ kWh	DEM/ kWh
01.01.02	31.12.02	0.0036	
01.01.03	now	0.0123	

Prices shown are average revenues/kWh received by German utilities from all industrial sectors and households.

**Sources:** Federal Statistical Office and Federal Ministry of Economics and Labour.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. From 4Q92 onwards, indices refer to three-month average. Prior to 4Q92, quarterly indices refer to the second month of each quarter.

**Sources:** Wholesale: Federal Statistical Office, Preise und Preisindizes für Gewerbliche Produkte. Retail: Eurostat, Harmonised indices of consumer prices (HICP).

### Oil Products

Wholesale: Weighted average of LFO (Heizöl extra leicht), HFO, and automotive diesel.

Retail: Weighted average of HICP, Liquid fuels (cp0453) and HICP, Fuels and lubricants for personal transport equipment (cp0722).

### Electricity

Wholesale: Electricity for special contract clients.

Retail: HICP, Electricity (cp0451).

### Natural Gas

Wholesale: Natural gas for industry.

Retail: HICP, Gas (cp0452).

### Coal Products

Wholesale: Steam coal and steam coal briquettes.

Retail: HICP, Solid fuels (cp0454).

## GREECE

Table 1 - Average Prices and Taxes in Euro

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	117.23	38.15	-	38.15	155.38	117.23	38.15	-	38.15	155.38
1998	101.56	38.15	-	38.15	139.72	101.56	38.15	-	38.15	139.72
1999	121.00	38.15	-	38.15	159.15	121.00	38.15	-	38.15	159.15
2000	211.29	38.15	-	38.15	249.44	..	..	..	..	..
2001	197.52	38.15	-	38.15	235.67	..	..	..	..	..
2002	203.02	19.00	-	19.00	222.02	..	..	..	..	..
2003	216.94	19.00	-	19.00	235.94	..	..	..	..	..
2004	204.73	19.00	-	19.00	223.73	..	..	..	..	..
2005	269.97	19.00	-	19.00	288.97	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	159.69	167.50	-	167.50	327.20	159.69	167.50	58.90	226.40	386.10
1998	129.81	143.57	-	143.57	273.39	129.81	143.57	49.21	192.78	322.60
1999	154.85	120.89	-	120.89	275.74	154.85	120.89	49.63	170.52	325.37
2000	296.05	130.78	-	130.78	426.83	296.05	130.78	76.83	207.61	503.66
2001	268.32	156.84	-	156.84	425.16	268.32	156.84	76.53	233.37	501.69
2002	261.97	112.59	-	112.59	374.56	261.97	112.59	67.42	180.01	441.98
2003	279.84	133.00	-	133.00	412.84	279.84	133.00	74.31	207.31	487.16
2004	337.50	133.00	-	133.00	470.50	337.50	133.00	84.69	217.69	555.19
2005	458.54	133.00	-	133.00	591.54	458.54	133.00	106.48	239.48	698.02
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.180	0.222	-	0.222	0.402	0.180	0.223	0.073	0.296	0.476
1998	0.154	0.222	-	0.222	0.375	0.154	0.222	0.068	0.290	0.444
1999	0.183	0.244	-	0.244	0.426	0.183	0.244	0.077	0.320	0.503
2000	0.320	0.244	-	0.244	0.563	0.320	0.244	0.101	0.345	0.665
2001	0.293	0.244	-	0.244	0.537	0.293	0.244	0.097	0.341	0.634
2002	0.282	0.245	-	0.245	0.527	0.282	0.245	0.095	0.340	0.622
2003	0.295	0.245	-	0.245	0.540	0.295	0.245	0.097	0.342	0.637
2004	0.382	0.245	-	0.245	0.627	0.382	0.245	0.113	0.358	0.740
2005	0.496	0.245	-	0.245	0.741	0.496	0.245	0.133	0.378	0.874
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## GREECE

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (95 RON) Gasoline (per litre)						Regular Unleaded Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.216	0.314	0.095	0.409	0.626	x	x	x	x	x
1998	0.202	0.311	0.092	0.403	0.605	x	x	x	x	x
1999	0.230	0.297	0.095	0.392	0.622	x	x	x	x	x
2000	0.363	0.289	0.117	0.406	0.769	x	x	x	x	x
2001	0.343	0.296	0.115	0.411	0.754	x	x	x	x	x
2002	0.327	0.296	0.112	0.408	0.735	x	x	x	x	x
2003	0.331	0.296	0.113	0.409	0.740	x	x	x	x	x
2004	0.392	0.296	0.124	0.420	0.812	x	x	x	x	x
2005	0.448	0.296	0.134	0.430	0.878	x	x	x	x	x
2006	..	..	..	..	..	x	x	x	x	x
2007	..	..	..	..	..	x	x	x	x	x
2Q2007	..	..	..	..	..	x	x	x	x	x
3Q2007	..	..	..	..	..	x	x	x	x	x
4Q2007	..	..	..	..	..	x	x	x	x	x
1Q2008	..	..	..	..	..	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Premium Leaded/Lead Replacement Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.206	0.361	0.102	0.463	0.669	147.69	-	-	-	147.69
1998	0.192	0.358	0.099	0.457	0.649	117.00	-	-	-	117.00
1999	0.223	0.344	0.102	0.446	0.669	136.00	-	-	-	136.00
2000	0.354	0.333	0.124	0.457	0.811	211.00	-	-	-	211.00
2001	0.334	0.335	0.120	0.455	0.789	206.00	-	-	-	206.00
2002	0.327	0.337	0.120	0.457	0.784	192.00	-	-	-	192.00
2003	0.331	0.337	0.120	0.457	0.789	196.00	-	-	-	196.00
2004	0.400	0.337	0.133	0.470	0.870	187.00	-	-	-	187.00
2005	0.459	0.337	0.143	0.480	0.939	251.50	-	-	-	251.50
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	c	c	c	c	c	x	x	x	x	x
1998	c	c	c	c	c	268.00	-	48.24	48.24	316.24
1999	c	c	c	c	c	256.00	-	20.48	20.48	276.48
2000	c	c	c	c	c	256.00	-	20.48	20.48	276.48
2001	c	c	c	c	c	267.00	-	21.36	21.36	288.36
2002	c	c	c	c	c	298.00	-	23.84	23.84	321.84
2003	c	c	c	c	c	320.00	-	27.00	27.00	347.00
2004	c	c	c	c	c	316.00	-	25.00	25.00	341.00
2005	c	c	c	c	c	444.75	-	38.92	38.92	483.67
2006	c	c	c	c	c	..	..	..	..	..
2007	c	c	c	c	c	..	..	..	..	..
2Q2007	c	c	c	c	c	..	..	..	..	..
3Q2007	c	c	c	c	c	..	..	..	..	..
4Q2007	c	c	c	c	c	..	..	..	..	..
1Q2008	c	c	c	c	c	..	..	..	..	..
2Q2008	c	c	c	c	c	..	..	..	..	..

## GREECE

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	..	..	..	..	..
1998	x	x	x	x	x	..	..	..	..	..
1999	x	x	x	x	x	..	..	..	..	..
2000	x	x	x	x	x	..	..	..	..	..
2001	x	x	x	x	x	..	..	..	..	..
2002	x	x	x	x	x	..	..	..	..	..
2003	x	x	x	x	x	..	..	..	..	..
2004	x	x	x	x	x	..	..	..	..	..
2005	x	x	x	x	x	..	..	..	..	..
2006	x	x	x	x	x	..	..	..	..	..
2007	x	x	x	x	x	..	..	..	..	..
2Q2007	x	x	x	x	x	..	..	..	..	..
3Q2007	x	x	x	x	x	..	..	..	..	..
4Q2007	x	x	x	x	x	..	..	..	..	..
1Q2008	x	x	x	x	x	..	..	..	..	..
2Q2008	x	x	x	x	x	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0429	-	-	-	0.0429	0.0695	-	0.0125	0.0125	0.0820
1998	0.0433	-	-	-	0.0433	0.0727	-	0.0131	0.0131	0.0858
1999	0.0451	-	-	-	0.0451	0.0748	-	0.0060	0.0060	0.0808
2000	0.0452	-	-	-	0.0452	0.0701	-	0.0056	0.0056	0.0757
2001	0.0482	-	-	-	0.0482	0.0726	-	0.0058	0.0058	0.0784
2002	0.0487	-	-	-	0.0487	0.0755	-	0.0060	0.0060	0.0815
2003	0.0493	-	-	-	0.0493	0.0786	-	0.0063	0.0063	0.0849
2004	0.0510	-	-	-	0.0510	0.0800	-	0.0060	0.0060	0.0860
2005	0.0539	-	-	-	0.0539	0.0830	-	0.0073	0.0073	0.0903
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**GREECE**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	2000 = 100	2005 = 100	2000=100	2005 = 100	2000 = 100	2000 = 100	2000 = 100	2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	30.5	24.3	..	..	..	..	28.9	..
1990	37.2	35.0	..	..	..	..	32.3	..
1991	49.9	44.7	..	..	..	..	37.9	..
1992	49.2	53.6	..	..	..	..	46.0	..
1993	55.2	62.9	..	..	..	..	50.7	..
1994	55.5	64.3	..	..	..	..	58.5	..
1995	57.1	66.0	..	..	..	..	65.4	..
1996	64.4	72.6	..	93.6	..	..	71.3	69.8
1997	65.6	69.4	..	94.9	..	..	76.6	73.2
1998	58.9	65.3	..	98.2	55.3	114.6	84.7	75.5
1999	68.8	64.3	..	90.8	64.5	100.0	90.4	78.3
2000	100.0	81.7	..	85.4	100.0	100.0	100.0	80.8
2001	91.7	78.5	..	88.9	97.6	104.0	103.8	84.6
2002	92.3	76.9	..	92.4	91.2	116.5	105.0	88.0
2003	90.4	79.8	..	95.2	93.0	125.4	108.8	92.1
2004	90.7	85.9	113.3	97.2	88.6	123.5	109.0	95.9
2005	118.6	100.0	117.2	100.0	..	..	109.4	100.0
2006	133.9	110.8	121.7	102.9	..	..	111.7	105.4
2007	142.3	112.4	128.9	107.2	..	..	122.1	111.7
2Q2000	92.9	80.6	..	84.5	94.8	100.0	100.0	80.1
3Q2000	104.0	82.0	..	85.4	98.7	100.0	100.0	80.3
4Q2000	112.5	88.5	..	87.1	113.7	100.0	100.0	82.9
1Q2001	92.1	78.8	..	87.1	102.9	93.2	103.2	84.0
2Q2001	94.6	83.8	..	87.1	96.4	106.1	104.0	84.2
3Q2001	94.6	79.0	..	90.7	97.0	118.6	104.0	84.6
4Q2001	85.3	72.6	..	90.7	95.3	126.8	104.0	85.5
1Q2002	87.7	72.8	..	90.9	82.0	110.8	104.8	86.7
2Q2002	93.6	79.0	..	90.9	90.9	118.5	104.8	87.1
3Q2002	93.9	78.4	..	93.6	90.5	185.0	104.8	88.0
4Q2002	94.0	77.5	..	94.4	98.0	121.6	105.8	90.3
1Q2003	102.7	83.9	..	94.4	99.3	122.8	108.2	91.3
2Q2003	86.3	76.9	..	94.4	93.6	134.2	109.0	91.1
3Q2003	88.6	79.4	..	95.2	90.7	247.1	109.0	92.1
4Q2003	83.9	79.0	..	96.7	89.6	115.6	109.0	93.8
1Q2004	81.8	79.7	112.8	96.7	80.8	115.8	109.0	95.0
2Q2004	90.4	86.3	112.8	96.7	89.5	122.8	109.0	95.3
3Q2004	96.4	87.2	112.8	96.7	90.3	232.1	109.0	95.6
4Q2004	94.2	90.5	114.8	98.5	92.0	134.1	109.0	97.6
1Q2005	99.8	90.4	115.9	99.4	91.3	137.9	109.0	98.3
2Q2005	115.7	100.2	115.9	99.4	115.3	144.6	109.4	99.0
3Q2005	130.6	104.7	117.2	100.0	..	..	109.5	99.2
4Q2005	128.4	104.6	119.9	101.3	..	..	109.6	103.4
1Q2006	134.6	106.7	119.9	101.2	..	..	110.2	105.2
2Q2006	140.1	115.5	119.9	101.2	..	..	111.6	104.3
3Q2006	137.9	116.9	122.8	103.9	..	..	111.6	104.6
4Q2006	122.9	103.9	124.2	105.3	..	..	113.3	107.4
1Q2007	121.7	102.3	124.2	105.3	..	..	122.1	109.9
2Q2007	137.1	113.4	129.2	105.6	..	..	122.1	110.5
3Q2007	146.7	112.8	129.2	107.7	..	..	122.1	111.4
4Q2007	163.7	120.9	132.8	110.1	..	..	122.1	115.1
1Q2008	168.9	..	140.0	112.9	..	..	124.4	116.9
2Q2008	..	..	..	..	..	..	..	..

# GREECE

## GENERAL NOTES

Prices refer to the second month of each quarter. See individual products for details.

**General Tax (VAT):** From January 1987 onwards, VAT applies to fuels used for household consumption. VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded.

## OIL PRODUCTS

From 2 March 1993 onwards, ex-refinery prices are set by each refinery, public or private, based on international prices. Selling prices are fixed by the marketers and dealers. Prior to 2 March 1993, oil products were subject to maximum ex-refinery prices plus a fixed amount for distribution costs.

From 1 August 1992 onwards, the ceiling price was abolished and the Ministry of Economic Affairs determines taxes (law 2008/92 FEK 16A, 11.2.92). From 3 March 1992 to 31 July 1992, petroleum product prices were liberalised (Presidential Decree 76/92-FEK 35A 3.3.92). According to a joint decision of the General Secretaries of the Ministry of Trade and the Ministry of Industry-Energy-Technology, the Ministry of Trade would announce weekly ceiling prices for end-use consumption for all petroleum products except fuel oil, which was totally liberalised.

**Source:** Ministry of Development, following specifications of the EC decision dated 26 January 1977. Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### High Sulphur Fuel Oil

#### Excise Tax

From	To	EUR/tonne	GRD/tonne
01.01.78	03.03.92	see excise column	
04.03.92	31.12.96	35.22	12 000
01.01.97	31.12.01	38.15	13 000
01.01.02	now	19	

#### Specifications

Quality: Fuel Oil No. 3  
 Delivery Size: < 24 000 t/year  
 Sulphur Content:

From	To	%
1978	1994	4
1994	1995	3.5
1996	now	3.2

### Light Fuel Oil for Industry

**Excise Tax:** See excise tax column.

#### Specifications

Delivery Size: 2 - 5 kl Athens area  
 Density: N<sub>1</sub> : 0.97 t/kl (assumed)  
 N<sub>3</sub> : 0.98 t/kl (assumed)

### Light Fuel Oil for Households

#### General Tax (VAT)

From	To	%
01.01.87	27.04.90	6
28.04.90	31.07.92	8
01.08.92	now	18

**Excise Tax:** See excise tax column.

#### Specifications

Delivery Size: 2 - 5 litres  
 Assumed Density: N : 0.97 t/kl

### Automotive Diesel Oil

#### Excise Tax

From	To	EUR/litre	GRD/litre
Prior to	01.01.92	see excise column*	
01.01.92	31.12.94	0.200	68.0
01.01.95	31.12.95	0.211	72.0
01.01.96	17.04.96	0.226	77.0
18.04.96	05.03.97	0.222	75.5
06.03.97	31.12.98	0.226	77.0
01.01.99	31.12.01	0.244	83.0
01.01.02	now	0.245	

\*Starting in 1Q92, fixed tax as shown in tax column, minus the VAT rate applied to the ex-tax price.

**General Tax (VAT):** VAT amounts are not included in the total prices or taxes for commercial purposes as they are reimbursed. See general note for Greece.

From	To	%
01.01.87	27.04.90	6
28.04.90	31.07.92	8
01.08.92	now	18



## Gasoline

### General Tax (VAT)

From	To	%
01.01.87	31.07.92	36
01.08.92	now	18

### Excise Tax

Leaded/Leaded Replacement			
From	To	EUR/ litre	GRD/ litre
Prior to	05.03.92	see tax column	
05.03.92	31.07.92	0.180	61.5
01.08.92	31.12.95	0.352	120.0
01.01.96	17.04.96	0.373	127.0
18.04.96	05.03.97	0.361	123.0
06.03.97	30.07.97	0.373	127.0
31.07.97	23.09.98	0.361	123.0
24.09.98	04.08.99	0.349	119.0
05.08.99	06.11.00	0.335	114.0
07.11.00	31.12.00	0.326	111.0
01.01.01	31.12.01	0.336	114.5
01.01.02	now	0.337	

Unleaded			
From	To	EUR/ litre	GRD/ litre
Prior to	01.01.96	see tax column	
01.01.96	17.04.96	0.326	111
18.04.96	05.03.97	0.314	107
06.03.97	30.07.97	0.326	111
31.07.97	23.09.98	0.314	107
24.09.98	04.08.99	0.302	103
05.08.99	06.11.00	0.288	98
07.11.00	now	0.296	101

As of 1Q02 leaded gasoline has been replaced by leaded replacement gasoline.

### Specifications

#### Premium Leaded 96 RON

Lead Content: 0.15 g/litre

#### Premium Unleaded 95 RON

Lead Content: 0.005 g/litre

**Excise Tax:** The excise tax will not be charged until year 2010 (Law 2364/95, article 7).

Prices refer to average prices for each quarter.

### Specifications

GCV: The energy content varies according to the supply mix of each year. Typical ranges are:

From	To	kcal/m <sup>3</sup>
1996	1999	9 500 – 9 550
2000	2003	9 600 – 9 700

## ELECTRICITY

### General Tax (VAT)

From	To	%
01.01.87	31.12.87	18
01.01.88	30.04.90	16
01.05.90	31.12.98	18
01.01.99	now	8

**Special Taxes:** Apply to households.

#### Turnover Tax

From	To	%
01.01.61	31.12.65	5
01.01.66	28.02.75	6
01.03.75	31.12.82	8
01.01.83	31.12.86	10

#### Stamp Duties

From	To	Duty
01.01.61	31.12.81	5 GRD per bimonthly bill (estimated as 1% by the IEA)
01.01.82	31.12.86	1.2% per bill

Prices refer to annual average receipts per kWh from all Greek utilities for sales to industry and households.

**Source:** Ministry of Development, annual survey among utilities.

## NATURAL GAS

**General Tax (VAT):** From 3Q04 onwards, VAT on standing charges and on commodity charges is 8%. From 1 January 2003 to 2004, VAT on standing charges was 18% and VAT on commodity charges was 8%. From 1 January 1999 to 31 December 2002, VAT was 8%.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. From 1Q93 onwards, quarterly indices refer to the three-month average of the quarter. Prior to 1Q93, indices refer to the second month of each quarter.

**Sources:** Wholesale (oil products and coal) and retail (oil products): Correspondence with the National Statistical Service of Greece.

Wholesale and retail (natural gas): Ministry of Development.

Retail (electricity and coal only): Eurostat, Harmonised indices of consumer prices (HICP).

### ***Oil Products***

Wholesale: Refers to weighted average of producer price index for heavy fuel oil and diesel oil.

Retail: Refers to weighted average of consumer price index for heating oil and gasoline.

### ***Electricity***

Retail: HICP, Electricity (cp0451).

### ***Natural Gas***

Wholesale: Natural gas

Retail: Natural gas

### ***Coal Products***

Wholesale: Producer price index for lignite.

Retail: HICP, Solid fuels (cp0454).

## HUNGARY

Table 1 - Average Prices and Taxes in Hungarian Forints

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	22502	-	-	-	22502	17429	-	-	-	17429
1998	22703	-	-	-	22703	17150	-	-	-	17150
1999	25243	-	-	-	25243	16986	-	-	-	16986
2000	38194	-	-	-	38194	41246	-	-	-	41246
2001	43279	-	-	-	43279	38482	-	-	-	38482
2002	46835	-	-	-	46835	41190	-	-	-	41190
2003	49317	-	-	-	49317	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	58981	6925	-	6925	65906	..	..	..	..	..
2006	74156	6925	-	6925	81081	..	..	..	..	..
2007	73887	6925	-	6925	80812	..	..	..	..	..
2Q2007	66625	6925	-	6925	73550	..	..	..	..	..
3Q2007	78354	6925	-	6925	85279	..	..	..	..	..
4Q2007	86441	6925	-	6925	93366	..	..	..	..	..
1Q2008	94475	6925	-	6925	101400	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	44653	57400	-	57400	102053	x	x	x	x	x
1998	43412	67600	-	67600	111012	x	x	x	x	x
1999	58035	75000	-	75000	133035	x	x	x	x	x
2000	91855	80200	-	80200	172055	x	x	x	x	x
2001	86705	80200	-	80200	166905	x	x	x	x	x
2002	99105	82600	-	82600	181705	x	x	x	x	x
2003	125489	85000	-	85000	210489	x	x	x	x	x
2004	..	..	..	..	..	x	x	x	x	x
2005	..	..	..	..	..	x	x	x	x	x
2006	..	..	..	..	..	x	x	x	x	x
2007	..	..	..	..	..	x	x	x	x	x
2Q2007	..	..	..	..	..	x	x	x	x	x
3Q2007	..	..	..	..	..	x	x	x	x	x
4Q2007	..	..	..	..	..	x	x	x	x	x
1Q2008	..	..	..	..	..	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	44.93	57.23	-	57.23	102.16	44.93	57.23	25.54	82.77	127.70
1998	43.41	67.60	-	67.60	111.01	43.41	67.60	27.75	95.35	138.76
1999	58.04	75.00	-	75.00	133.04	58.04	75.00	33.26	108.26	166.30
2000	91.86	80.20	-	80.20	172.06	91.86	80.20	43.02	123.22	215.08
2001	86.71	80.20	-	80.20	166.91	86.71	80.20	41.73	121.93	208.63
2002	78.47	82.60	-	82.60	161.07	78.47	82.60	40.27	122.87	201.34
2003	82.91	85.00	-	85.00	167.91	82.91	85.00	41.98	126.98	209.89
2004	90.10	85.00	-	85.00	175.10	89.85	85.00	43.71	128.71	218.56
2005	116.63	88.01	-	88.01	204.64	116.63	88.01	49.31	137.32	253.95
2006	138.36	88.01	-	88.01	226.36	138.36	88.01	45.27	133.28	271.64
2007	131.67	88.01	-	88.01	219.68	131.67	88.01	43.94	131.94	263.62
2Q2007	126.50	88.01	-	88.01	214.51	126.50	88.01	42.90	130.91	257.41
3Q2007	132.69	88.01	-	88.01	220.69	132.69	88.01	44.14	132.14	264.83
4Q2007	147.06	88.01	-	88.01	235.06	147.06	88.01	47.01	135.02	282.08
1Q2008	164.50	88.01	-	88.01	252.50	164.50	88.01	50.50	138.51	303.00
2Q2008	..	..	..	..	..	..	..	..	..	..

## HUNGARY

Table 2 - Average Prices and Taxes in Hungarian Forints

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	55.19	65.76	30.24	96.00	151.19	47.99	65.76	28.44	94.20	142.19
1998	54.10	77.00	32.77	109.77	163.87	46.84	77.00	30.96	107.96	154.80
1999	68.76	86.90	38.92	125.82	194.58	61.53	86.90	37.11	124.01	185.54
2000	100.13	93.00	48.28	141.28	241.41	92.93	93.00	46.48	139.48	232.41
2001	94.33	93.00	46.83	139.83	234.16	87.20	93.00	45.05	138.05	225.25
2002	87.21	98.25	46.37	144.62	231.83	80.04	98.25	44.57	142.82	222.86
2003	89.95	103.50	48.36	151.86	241.81	82.73	103.50	46.56	150.06	232.79
2004	97.35	103.50	50.21	153.71	251.07	88.20	103.50	47.92	151.42	239.62
2005	111.01	106.54	51.55	158.09	269.10	104.14	106.54	49.83	156.37	260.52
2006	132.05	106.54	47.72	154.26	286.30	125.00	106.54	46.31	152.85	277.85
2007	..	..	..	..	..	123.97	106.54	46.10	152.64	276.61
2Q2007	130.61	106.54	47.43	153.97	284.58	125.98	106.54	46.50	153.04	279.03
3Q2007	..	..	..	..	..	130.16	106.54	47.34	153.88	284.04
4Q2007	..	..	..	..	..	131.67	106.54	47.64	154.18	285.85
1Q2008	..	..	..	..	..	139.79	106.54	49.27	155.80	295.59
2Q2008	..	..	..	..	..	..	..	..	..	..
Regular Unleaded Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	45.45	65.79	27.81	93.60	139.05	27063	-	-	-	27063
1998	45.31	77.00	30.58	107.58	152.89	31029	-	-	-	31029
1999	59.12	86.90	36.51	123.41	182.53	31983	-	-	-	31983
2000	90.53	93.00	45.88	138.88	229.41	30950	-	-	-	30950
2001	84.73	93.00	44.43	137.43	222.16	35287	-	-	-	35287
2002	77.59	98.25	43.96	142.21	219.80	37066	-	-	-	37066
2003	77.07	103.50	45.14	148.64	225.72	52865	-	-	-	52865
2004	x	x	x	x	x	55947	2345	-	2345	58292
2005	x	x	x	x	x	66618	2345	-	2345	68963
2006	x	x	x	x	x	92577	2345	-	2345	94922
2007	x	x	x	x	x	104907	2345	-	2345	107252
2Q2007	x	x	x	x	x	104268	2345	-	2345	106613
3Q2007	x	x	x	x	x	107409	2345	-	2345	109754
4Q2007	x	x	x	x	x	108096	2345	-	2345	110441
1Q2008	x	x	x	x	x	109988	2345	-	2345	112333
2Q2008	x	x	x	x	x	115707	2345	-	2345	118052
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	23342	-	-	-	23342	27586	-	3310	3310	30897
1998	26772	-	-	-	26772	38751	-	4650	4650	43401
1999	31866	-	-	-	31866	39170	-	4700	4700	43870
2000	28191	-	-	-	28191	39411	-	4729	4729	44140
2001	44554	-	-	-	44554	38366	-	4604	4604	42969
2002	48706	-	-	-	48706	40477	-	4857	4857	45334
2003	48631	-	-	-	48631	48771	-	5853	5853	54624
2004	50925	-	-	-	50925	39562	-	5934	5934	45497
2005	57038	-	-	-	57038	42526	-	6379	6379	48905
2006	82454	-	-	-	82454	53814	-	8969	8969	62783
2007	90714	-	-	-	90714	94152	-	18830	18830	112983
2Q2007	91742	-	-	-	91742	96920	-	19384	19384	116304
3Q2007	89077	-	-	-	89077	101797	-	20359	20359	122156
4Q2007	91470	-	-	-	91470	91568	-	18314	18314	109882
1Q2008	95639	-	-	-	95639	96565	-	19313	19313	115878
2Q2008	100507	-	-	-	100507	102156	-	20431	20431	122587

## HUNGARY

Table 3 - Average Prices and Taxes in Hungarian Forints

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	7793	-	-	-	7793	c	c	c	c	c
1998	9532	-	-	-	9532	c	c	c	c	c
1999	..	..	..	..	..	c	c	c	c	c
2000	..	..	..	..	..	c	c	c	c	c
2001	..	..	..	..	..	c	c	c	c	c
2002	..	..	..	..	..	c	c	c	c	c
2003	..	..	..	..	..	c	c	c	c	c
2004	..	..	..	..	..	c	c	c	c	c
2005	..	..	..	..	..	c	c	c	c	c
2006	..	..	..	..	..	c	c	c	c	c
2007	..	..	..	..	..	c	c	c	c	c
2Q2007	..	..	..	..	..	c	c	c	c	c
3Q2007	..	..	..	..	..	c	c	c	c	c
4Q2007	..	..	..	..	..	c	c	c	c	c
1Q2008	..	..	..	..	..	c	c	c	c	c
2Q2008	..	..	..	..	..	c	c	c	c	c
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	c	c	c	c	c
1998	12125	-	1455	1455	13580	c	c	c	c	c
1999	13377	-	1605	1605	14982	c	c	c	c	c
2000	15107	-	1813	1813	16920	c	c	c	c	c
2001	17011	-	2041	2041	19052	c	c	c	c	c
2002	17799	-	2136	2136	19935	c	c	c	c	c
2003	18309	-	2197	2197	20506	c	c	c	c	c
2004	19402	-	2910	2910	22312	c	c	c	c	c
2005	19863	-	2979	2979	22842	c	c	c	c	c
2006	21200	-	3533	3533	24733	c	c	c	c	c
2007	23157	-	4631	4631	27788	c	c	c	c	c
2Q2007	22828	-	4566	4566	27394	c	c	c	c	c
3Q2007	22937	-	4587	4587	27524	c	c	c	c	c
4Q2007	23903	-	4781	4781	28684	c	c	c	c	c
1Q2008	24452	-	4890	4890	29342	c	c	c	c	c
2Q2008	24518	-	4903	4903	29421	c	c	c	c	c
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	10.15	-	-	-	10.15	11.26	-	1.35	1.35	12.61
1998	11.97	-	-	-	11.97	13.34	-	1.60	1.60	14.94
1999	13.04	-	-	-	13.04	15.37	-	1.85	1.85	17.22
2000	13.75	-	-	-	13.75	16.46	-	1.98	1.98	18.44
2001	14.54	-	-	-	14.54	17.48	-	2.10	2.10	19.58
2002	15.15	-	-	-	15.15	18.35	-	2.20	2.20	20.55
2003	17.58	-	-	-	17.58	20.43	-	2.45	2.45	22.88
2004	18.55	0.19	-	0.19	18.74	21.70	-	5.43	5.43	27.13
2005	18.88	0.19	-	0.19	19.07	23.56	-	5.59	5.59	29.15
2006	21.83	0.19	-	0.19	22.01	25.27	-	5.05	5.05	30.32
2007	24.47	0.19	-	0.19	24.66	28.81	-	5.76	5.76	34.57
2Q2007	24.42	0.19	-	0.19	24.61	28.98	-	5.80	5.80	34.78
3Q2007	24.45	0.19	-	0.19	24.64	29.41	-	5.88	5.88	35.30
4Q2007	24.62	0.19	-	0.19	24.81	29.18	-	5.84	5.84	35.01
1Q2008	27.36	0.19	-	0.19	27.55	36.90	-	7.38	7.38	44.28
2Q2008	28.73	0.19	-	0.19	28.91	36.90	-	7.38	7.38	44.28

**HUNGARY**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 1995 = 100	Wholesale	Retail 1995 = 100	Wholesale	Retail 1995 = 100	Wholesale	Retail 2000 = 100
1987	..	20.6	..	34.9	..	34.3	..	..
1988	..	26.6	..	39.9	..	35.5	..	..
1989	..	28.4	..	41.0	..	35.8	..	..
1990	..	42.1	..	39.4	..	50.8	..	..
1991	..	67.4	..	65.3	..	76.4	..	..
1992	..	76.7	..	68.1	..	82.5	..	..
1993	..	79.8	..	69.5	..	83.2	..	..
1994	..	81.2	..	72.3	..	83.4	..	..
1995	..	100.0	..	100.0	..	100.0	..	47.1
1996	..	136.6	..	123.4	..	109.2	..	60.7
1997	..	171.9	..	176.0	..	152.0	..	70.3
1998	..	199.3	..	207.5	..	173.5	..	79.9
1999	..	244.1	..	231.3	..	177.6	..	88.5
2000	..	328.0	..	244.2	..	211.1	..	100.0
2001	..	322.9	..	259.7	..	303.7	..	112.6
2002	..	313.5	..	273.2	..	325.5	..	117.8
2003	..	327.2	..	311.5	..	301.4	..	121.2
2004	..	347.6	..	346.4	..	297.8	..	131.9
2005	..	518.9	..	358.1	..	342.3	..	135.0
2006	..	562.8	..	395.6	..	467.4	..	146.2
2007	..	550.2	..	444.4	..	610.9	..	164.2
2Q2000	..	348.9	..	244.1	..	181.0	..	97.4
3Q2000	..	360.0	..	243.3	..	181.9	..	100.1
4Q2000	..	321.8	..	244.0	..	271.2	..	106.6
1Q2001	..	306.9	..	260.7	..	287.7	..	110.8
2Q2001	..	356.9	..	258.5	..	282.7	..	110.6
3Q2001	..	353.5	..	259.0	..	318.2	..	112.5
4Q2001	..	274.1	..	260.5	..	323.2	..	116.4
1Q2002	..	280.2	..	274.3	..	327.3	..	117.5
2Q2002	..	322.1	..	271.9	..	323.3	..	117.5
3Q2002	..	351.8	..	271.2	..	322.9	..	117.6
4Q2002	..	299.9	..	275.2	..	325.7	..	118.7
1Q2003	..	336.3	..	292.9	..	298.2	..	119.3
2Q2003	..	322.6	..	300.6	..	307.3	..	119.5
3Q2003	..	334.7	..	317.5	..	304.9	..	123.3
4Q2003	..	315.0	..	335.8	..	301.2	..	122.7
1Q2004	..	333.1	..	347.3	..	287.9	..	131.2
2Q2004	..	325.7	..	342.5	..	297.2	..	131.3
3Q2004	..	383.6	..	341.4	..	311.6	..	131.6
4Q2004	..	348.1	..	354.9	..	305.7	..	133.4
1Q2005	..	473.4	..	354.2	..	309.9	..	134.1
2Q2005	..	516.4	..	358.4	..	339.0	..	134.3
3Q2005	..	545.0	..	360.3	..	357.4	..	134.1
4Q2005	..	530.4	..	359.5	..	384.2	..	137.5
1Q2006	..	524.9	..	379.4	..	405.3	..	139.2
2Q2006	..	580.4	..	377.6	..	448.0	..	139.4
3Q2006	..	596.3	..	402.0	..	529.8	..	147.5
4Q2006	..	539.7	..	422.4	..	552.2	..	158.5
1Q2007	..	518.3	..	442.0	..	603.7	..	162.9
2Q2007	..	549.8	..	441.4	..	603.4	..	161.8
3Q2007	..	560.3	..	443.0	..	612.0	..	162.7
4Q2007	..	572.4	..	450.7	..	622.2	..	169.5
1Q2008	..	577.6	..	562.1	..	650.6	..	173.4
2Q2008	..	..	..	..	..	..	..	173.8

# HUNGARY

## GENERAL NOTES

**General Tax (VAT):** Applies to household prices (unless specified otherwise). VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded.

From	To	%
01.01.93	31.07.93	6
01.08.93	31.12.94	10
01.01.95	31.12.03	12
01.01.04	31.08.06	15
01.09.06	Now	20

### Sources

From	To	Source
01.01.78	31.12.92	State Authority for Energy Management and Safety
01.01.93	30.09.94	Ministry of Industry and Trade, Department of Energy Prices
01.10.94	now	Hungarian Energy Office

## OIL PRODUCTS

### High Sulphur Fuel Oil

#### Specifications

Quality:	Medium heavy
NCV:	9 500 kcal/kg

### Low Sulphur Fuel Oil

#### Specifications

Sulphur Content:	<1.0%
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### Heavy Fuel Oil for Electricity Generation

#### Specifications

Quality:	Very heavy
NCV:	9 700 kcal/kg

### Light Fuel Oil for Households

**General Tax (VAT):** See general notes for Hungary.

From 2Q95 onwards, this series was discontinued.

### Automotive Diesel

**General Tax (VAT):** Applies to households.

From	To	%
01.01.93	30.09.05	25
01.10.05	now	20

#### Specifications

Density:	0.83 kg/l
NCV:	10 221 kcal/kg

### Gasoline

#### General Tax (VAT)

From	To	%
01.01.93	30.09.05	25
01.10.05	now	20

#### Specifications

Grade and Octane:	Unleaded Premium 98 RON Unleaded Premium 95 RON Unleaded Regular 91 RON
Lead Content:	5 mg/l (maximum)
Density:	0.72 - 0.75 kg/l

From 1 April 1996 onwards, leaded regular 92 RON is not sold. Since 1 May 2004, Unleaded Regular 91 RON is no longer consumed. Since 1 May 2007, Unleaded Regular 98 RON is no longer sold by the biggest vendors in Hungary, although some petrol stations continue to do so; the prices are therefore no longer available. From 1 July 2007 the biggest vendors sell Unleaded Premium 95 RON with a minimum of 4.4% biofuel content.

## NATURAL GAS

#### Specifications

GCV:	8 500 kcal/m <sup>3</sup>
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### Industry

From 1Q00 onwards, prices are an average of common industry and industrial consumers above 500 m<sup>3</sup>/h bound capacity.

### Households

Note that from 1 January 2007 onwards, a natural gas subsidy was no longer automatically granted to residential customers, and it is no longer possible to estimate the full effect of the subsidy system. Due to this, there appears to be an abnormal increase of the natural gas price for households between 4<sup>th</sup> quarter 2006 and

1<sup>st</sup> quarter 2007, when in fact there was no change in the actual price.

**General Tax (VAT):** See general notes for Hungary.

## COAL

**General Tax (VAT):** Applies to households. See general notes for Hungary.

### Specifications

NCV:

Year	kcal/kg	Year	kcal/kg
1986	3910	1992	4511
1987	3904	1993-1996	..
1988	4103	1997	4665
1989	3956	1998-2002	4700
1990	4060	2003	4912
1991	4403		

**Source:** Energy Information Agency.

### *Steam Coal for Electricity Generation*

Heat power plants have their own mines, from which they purchase their coal. Prices are confidential.

### Specifications

NCV:

Year	kcal/kg	Year	kcal/kg
1986	2378	1993-1998	..
1987	2378	1999-2002	2022
1988	2425	2003	2034
1989	2254	2004	2051
1990	2078	2005	2003
1991	2142	2006	2003
1992	2043		

### *Steam Coal for Households*

### Specifications

Quality: Brown coal (1992 onwards)

NCV:

Year	kcal/kg	Year	kcal/kg
1986	3910	1993-1997	..
1987	3904	1998	4536
1988	4103	1999-2002	4550
1989	3956	2003	4559
1990	4060	2004	4466
1991	4403	2005	4466
1992	2650	2006	4341

## ELECTRICITY

**General Tax (VAT):** Applies to households.

From	To	%
01.08.93	31.12.94	10
01.01.95	31.12.03	12
01.01.04	30.09.05	25
01.10.05	now	20

## ENERGY PRICE INDICES

For the calculation of the yearly and quarterly average retail prices, prices of industry, electricity and household consumers by energy bearer were used as a basis. These prices are already average prices, as they contain the prices referring to the tariffs for the individual consumer group weighted by consumption. There are different tariff types in one consumer group, e.g. the average electricity price of industrial consumers contains the average prices of tariffs with demand charge, general tariffs and railways.

The indices are calculated from weekly surveyed data. Annual indices are 52-week averages. Quarterly indices are averages of all weeks in the quarter.

**Sources:** Energy Centre Hungary for oil and coal. Hungarian Energy Office for electricity and natural gas.

### *Oil Products*

Retail: from 3Q2007 onwards, a weighted average of premium unleaded 95 RON, automotive diesel and low sulphur fuel oil. Prior to 3Q2007, a weighted average of premium unleaded 95 RON, premium unleaded 98 RON, automotive diesel and low sulphur fuel oil.

### *Coal Products*

Retail: Steam coal.



## IRELAND

Table 1 - Average Prices and Taxes in Euro

High Sulphur Fuel Oil for Industry (per tonne)						Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	142.01	18.45	-	18.45	160.46	88.60	13.46	-	13.46	102.06
1998	122.00	18.45	-	18.45	140.45	67.65	13.46	-	13.46	81.11
1999	143.39	14.91	-	14.91	158.30	70.20	13.46	-	13.46	83.66
2000	233.57	13.64	-	13.64	247.21	138.96	13.46	-	13.46	152.42
2001	210.61	13.64	-	13.64	224.25	157.04	13.46	-	13.46	170.50
2002	249.26	13.64	-	13.64	262.90	144.97	13.46	-	13.46	158.43
2003	253.89	13.63	-	13.63	267.52	152.55	13.46	-	13.46	166.01
2004	251.53	13.63	-	13.63	265.16	150.59	13.46	-	13.46	164.05
2005	323.31	13.63	-	13.63	336.94	214.34	14.78	-	14.78	229.12
2006	383.51	13.63	-	13.63	397.14	258.73	14.78	-	14.78	273.51
2007	309.56	13.63	-	13.63	323.19	232.86	14.78	-	14.78	247.64
2Q2007	385.26	13.63	-	13.63	398.89	197.11	14.78	-	14.78	211.89
3Q2007	243.03	13.63	-	13.63	256.67	247.88	14.78	-	14.78	262.66
4Q2007	267.09	13.63	-	13.63	280.72	305.91	14.78	-	14.78	320.69
1Q2008	281.26	13.63	-	13.63	294.90	319.82	14.78	-	14.78	334.60
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	199.78	52.12	-	52.12	251.90	242.16	52.12	36.78	88.91	331.07
1998	155.53	52.12	-	52.12	207.65	224.03	52.12	34.52	86.65	310.68
1999	176.19	47.36	-	47.36	223.55	241.52	47.36	36.11	83.47	324.99
2000	297.72	47.36	-	47.36	345.08	362.95	47.36	51.28	98.65	461.60
2001	283.48	47.36	-	47.36	330.84	348.80	47.36	49.52	96.88	445.68
2002	283.24	47.36	-	47.36	330.60	334.69	47.36	47.76	95.12	429.81
2003	294.06	47.36	-	47.36	341.42	354.15	47.36	54.20	101.56	455.71
2004	324.39	47.36	-	47.36	371.75	397.19	47.36	60.01	107.37	504.56
2005	435.48	47.36	-	47.36	482.84	508.28	47.36	75.01	122.37	630.65
2006	501.69	47.36	-	47.36	549.05	574.49	47.36	83.95	131.31	705.80
2007	504.96	47.36	-	47.36	552.32	577.76	47.36	84.39	131.75	709.51
2Q2007	484.56	47.36	-	47.36	531.92	557.36	47.36	81.64	129.00	686.36
3Q2007	518.73	47.36	-	47.36	566.09	591.53	47.36	86.25	133.61	725.14
4Q2007	567.09	47.36	-	47.36	614.45	639.89	47.36	92.78	140.14	780.03
1Q2008	625.27	47.36	-	47.36	672.63	698.07	47.36	100.63	147.99	846.06
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.375	0.329	-	0.329	0.704	0.279	0.329	0.128	0.457	0.736
1998	0.252	0.330	-	0.330	0.582	0.253	0.330	0.122	0.452	0.705
1999	0.253	0.326	-	0.326	0.579	0.253	0.325	0.122	0.447	0.700
2000	0.369	0.319	-	0.319	0.688	0.377	0.319	0.146	0.465	0.842
2001	0.434	0.249	-	0.249	0.683	0.434	0.249	0.137	0.386	0.820
2002	0.336	0.304	-	0.304	0.640	0.336	0.304	0.134	0.438	0.774
2003	0.334	0.331	-	0.331	0.664	0.334	0.331	0.140	0.470	0.804
2004	0.360	0.368	-	0.368	0.728	0.361	0.368	0.153	0.521	0.882
2005	0.490	0.370	-	0.370	0.860	0.490	0.370	0.180	0.550	1.040
2006	0.537	0.368	-	0.368	0.905	0.537	0.368	0.190	0.558	1.095
2007	0.524	0.368	-	0.368	0.892	0.524	0.368	0.187	0.555	1.080
2Q2007	0.512	0.368	-	0.368	0.880	0.512	0.368	0.185	0.553	1.065
3Q2007	0.542	0.368	-	0.368	0.910	0.542	0.368	0.191	0.559	1.102
4Q2007	0.564	0.368	-	0.368	0.930	0.564	0.368	0.196	0.564	1.128
1Q2008	0.611	0.368	-	0.368	0.980	0.611	0.368	0.206	0.574	1.185
2Q2008	..	..	..	..	..	..	..	..	..	..

## IRELAND

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.339	0.377	0.150	0.527	0.866	0.255	0.377	0.133	0.510	0.766
1998	0.361	0.378	0.155	0.533	0.894	0.239	0.378	0.130	0.508	0.747
1999	0.342	0.416	0.159	0.575	0.917	0.243	0.377	0.131	0.508	0.750
2000	0.418	0.452	0.182	0.634	1.051	0.367	0.372	0.155	0.527	0.894
2001	..	..	..	..	..	0.393	0.348	0.148	0.496	0.889
2002	..	..	..	..	..	0.307	0.401	0.148	0.549	0.855
2003	..	..	..	..	..	0.315	0.405	0.151	0.556	0.871
2004	..	..	..	..	..	0.345	0.443	0.165	0.608	0.953
2005	..	..	..	..	..	0.420	0.440	0.180	0.620	1.040
2006	..	..	..	..	..	0.480	0.443	0.194	0.637	1.117
2007	..	..	..	..	..	0.480	0.443	0.194	0.637	1.116
2Q2007	..	..	..	..	..	0.471	0.443	0.192	0.635	1.106
3Q2007	..	..	..	..	..	0.528	0.443	0.204	0.650	1.175
4Q2007	..	..	..	..	..	0.513	0.443	0.201	0.644	1.157
1Q2008	..	..	..	..	..	0.535	0.443	0.205	0.648	1.183
2Q2008	..	..	..	..	..	..	..	..	..	..
Premium Leaded/Lead Replacement Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.278	0.423	0.147	0.570	0.848	252.17	-	-	-	252.17
1998	0.267	0.458	0.152	0.611	0.877	153.13	-	-	-	153.13
1999	0.278	0.458	0.155	0.613	0.891	154.65	-	-	-	154.65
2000	0.401	0.457	0.179	0.636	1.037	123.90	-	-	-	123.90
2001	x	x	x	x	x	160.30	-	-	-	160.30
2002	x	x	x	x	x	195.00	-	-	-	195.00
2003	x	x	x	x	x	205.90	-	-	-	205.90
2004	x	x	x	x	x	234.83	-	-	-	234.83
2005	x	x	x	x	x	301.08	-	-	-	301.08
2006	x	x	x	x	x	371.32	-	-	-	371.32
2007	x	x	x	x	x	c	c	c	c	c
2Q2007	x	x	x	x	x	c	c	c	c	c
3Q2007	x	x	x	x	x	c	c	c	c	c
4Q2007	x	x	x	x	x	c	c	c	c	c
1Q2008	x	x	x	x	x	380.00	-	-	-	380.00
2Q2008	x	x	x	x	x	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	88.16	-	-	-	88.16	333.56	-	41.65	41.65	375.21
1998	92.56	-	-	-	92.56	333.56	-	41.65	41.65	375.21
1999	94.94	-	-	-	94.94	363.02	-	45.33	45.33	408.35
2000	107.47	-	-	-	107.47	333.43	-	41.77	41.77	375.21
2001	141.90	-	-	-	141.90	350.50	-	43.81	43.81	394.32
2002	159.81	-	-	-	159.81	354.80	-	44.40	44.40	399.20
2003	148.91	-	-	-	148.91	392.60	-	53.00	53.00	445.60
2004	c	c	c	c	c	404.26	-	54.57	54.57	458.83
2005	c	c	c	c	c	466.50	-	62.98	62.98	529.48
2006	c	c	c	c	c	643.92	-	86.93	86.93	730.85
2007	c	c	c	c	c	707.11	-	95.46	95.46	802.57
2Q2007	c	c	c	c	c	775.33	-	104.67	104.67	880.00
3Q2007	c	c	c	c	c	925.04	-	124.88	124.88	1049.92
4Q2007	c	c	c	c	c	547.81	-	73.95	73.95	621.76
1Q2008	c	c	c	c	c	545.00	-	73.58	73.58	618.58
2Q2008	c	c	c	c	c	..	..	..	..	..

## IRELAND

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	38.35	-	-	-	38.35
1998	..	..	..	..	..	32.45	-	-	-	32.45
1999	..	..	..	..	..	28.98	-	-	-	28.98
2000	..	..	..	..	..	32.89	-	-	-	32.89
2001	..	..	..	..	..	39.53	-	-	-	39.53
2002	..	..	..	..	..	39.78	-	-	-	39.78
2003	..	..	..	..	..	31.45	-	-	-	31.45
2004	..	..	..	..	..	54.13	-	-	-	54.13
2005	..	..	..	..	..	56.42	-	-	-	56.42
2006	..	..	..	..	..	48.82	-	-	-	48.82
2007	..	..	..	..	..	60.92	-	-	-	60.92
2Q2007	..	..	..	..	..	55.86	-	-	-	55.86
3Q2007	..	..	..	..	..	61.78	-	-	-	61.78
4Q2007	..	..	..	..	..	72.10	-	-	-	72.10
1Q2008	..	..	..	..	..	60.32	-	-	-	60.32
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	x	x	x	x	x
1998	..	..	..	..	..	x	x	x	x	x
1999	..	..	..	..	..	x	x	x	x	x
2000	..	..	..	..	..	x	x	x	x	x
2001	..	..	..	..	..	x	x	x	x	x
2002	..	..	..	..	..	x	x	x	x	x
2003	..	..	..	..	..	x	x	x	x	x
2004	..	..	..	..	..	x	x	x	x	x
2005	..	..	..	..	..	x	x	x	x	x
2006	..	..	..	..	..	x	x	x	x	x
2007	..	..	..	..	..	x	x	x	x	x
2Q2007	..	..	..	..	..	x	x	x	x	x
3Q2007	..	..	..	..	..	x	x	x	x	x
4Q2007	..	..	..	..	..	x	x	x	x	x
1Q2008	..	..	..	..	..	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0531	-	-	-	0.0531	0.0973	-	0.0122	0.0122	0.1095
1998	0.0531	-	-	-	0.0531	0.0978	-	0.0122	0.0122	0.1100
1999	0.0531	-	-	-	0.0531	0.0978	-	0.0122	0.0122	0.1100
2000	0.0531	-	-	-	0.0531	0.0978	-	0.0122	0.0122	0.1100
2001	0.0674	-	-	-	0.0674	0.0937	-	0.0117	0.0117	0.1054
2002	0.0797	-	-	-	0.0797	0.1008	-	0.0126	0.0126	0.1134
2003	0.0832	-	-	-	0.0832	0.1139	-	0.0154	0.0154	0.1293
2004	0.0770	-	-	-	0.0770	0.1225	-	0.0165	0.0165	0.1390
2005	0.0800	-	-	-	0.0800	0.1400	-	0.0200	0.0200	0.1600
2006	0.0970	-	-	-	0.0970	0.1400	-	0.0190	0.0190	0.1590
2007	0.1088	-	-	-	0.1088	0.1566	-	0.0211	0.0211	0.1778
2Q2007	0.1048	-	-	-	0.1048	0.1596	-	0.0215	0.0215	0.1811
3Q2007	0.1035	-	-	-	0.1035	0.1639	-	0.0221	0.0221	0.1860
4Q2007	0.1123	-	-	-	0.1123	0.1510	-	0.0204	0.0204	0.1714
1Q2008	0.1204	-	-	-	0.1204	0.1447	-	0.0195	0.0195	0.1643
2Q2008	..	..	..	..	..	..	..	..	..	..

**IRELAND**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	2000 = 100	1995 = 100	2000 = 100	1995 = 100		1995 = 100		1995 = 100
1987	..	97.1	..	97.9	..	102.7	..	82.8
1988	..	95.4	..	98.0	..	100.3	..	83.9
1989	..	101.3	..	98.0	..	99.4	..	89.1
1990	..	104.6	..	97.8	..	99.4	..	92.0
1991	..	104.0	..	99.5	..	101.2	..	95.7
1992	..	98.6	..	100.0	..	101.3	..	98.3
1993	..	99.0	..	100.0	..	100.0	..	98.0
1994	..	99.2	..	100.0	..	100.0	..	100.6
1995	67.1	100.0	96.8	100.0	..	100.0	..	100.0
1996	72.7	107.4	98.1	102.1	..	100.0	..	99.3
1997	73.6	113.1	99.6	104.3	..	100.0	..	98.8
1998	69.8	110.0	100.0	105.1	..	100.0	..	103.7
1999	75.6	112.8	100.0	105.1	..	100.0	..	106.5
2000	100.0	139.0	100.0	105.1	..	100.0	..	112.9
2001	94.1	128.1	103.4	106.1	..	100.0	..	125.3
2002	94.1	131.2	113.5	114.6	..	100.0	..	128.1
2003	99.4	133.3	120.4	126.9	..	105.9	..	130.1
2004	105.2	147.0	129.6	136.0	..	111.1	..	134.4
2005	127.7	163.8	143.8	153.8	..	127.9	..	144.6
2006	141.8	177.9	155.1	160.3	..	165.9	..	157.4
2007	146.2	178.9	173.8	178.9	..	182.1	..	173.0
2Q2000	94.0	136.7	100.0	105.1	..	100.0	..	110.6
3Q2000	102.7	142.8	100.0	105.1	..	100.0	..	111.8
4Q2000	111.2	148.4	100.0	105.1	..	100.0	..	118.6
1Q2001	95.2	123.3	100.0	107.4	..	100.0	..	129.0
2Q2001	95.2	133.8	100.0	105.1	..	100.0	..	122.8
3Q2001	95.4	130.5	100.0	105.1	..	100.0	..	122.5
4Q2001	90.8	124.9	113.5	106.7	..	100.0	..	126.8
1Q2002	88.8	123.3	113.5	114.6	..	100.0	..	127.5
2Q2002	94.8	134.5	113.5	114.6	..	100.0	..	127.7
3Q2002	94.4	133.2	113.5	114.6	..	100.0	..	128.0
4Q2002	98.3	133.9	113.5	114.6	..	100.0	..	129.1
1Q2003	106.4	137.5	120.4	117.1	..	100.0	..	129.9
2Q2003	95.2	134.5	120.4	130.2	..	103.3	..	129.9
3Q2003	97.9	129.2	120.4	130.2	..	110.1	..	129.9
4Q2003	98.2	131.9	120.4	130.2	..	110.1	..	130.5
1Q2004	97.5	135.8	127.4	131.3	..	110.1	..	130.7
2Q2004	104.7	145.3	127.4	136.9	..	110.1	..	131.2
3Q2004	108.2	151.2	127.4	136.9	..	110.1	..	133.3
4Q2004	110.3	155.5	136.2	138.9	..	114.1	..	142.4
1Q2005	111.4	147.3	144.8	149.5	..	122.1	..	143.3
2Q2005	123.1	160.5	144.8	155.4	..	122.1	..	143.5
3Q2005	137.9	177.0	144.8	155.4	..	122.1	..	143.6
4Q2005	138.4	170.4	140.8	154.9	..	145.3	..	148.1
1Q2006	141.4	172.6	141.4	160.3	..	153.0	..	151.1
2Q2006	145.5	184.6	155.1	160.3	..	153.0	..	151.1
3Q2006	145.6	187.7	155.1	160.3	..	153.0	..	158.0
4Q2006	134.8	166.6	155.1	160.3	..	204.7	..	169.4
1Q2007	132.7	165.5	174.6	180.5	..	191.0	..	170.6
2Q2007	142.0	178.7	174.6	180.5	..	184.2	..	170.5
3Q2007	151.1	182.5	174.6	180.5	..	184.2	..	173.6
4Q2007	158.9	189.0	171.5	174.0	..	168.8	..	177.4
1Q2008	169.4	193.7	165.2	170.8	..	168.8	..	180.6
2Q2008	..	..	..	..	..	..	..	..

# IRELAND

## GENERAL NOTES

From 4Q85 onwards, prices refer to the second month of each quarter. Prior to 4Q85, prices refer to the first month of each quarter. See individual products for details.

**General Tax (VAT):** VAT is not included in the prices and taxes shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded.

From	To	%
01.05.83	28.02.85	5
01.03.85	28.02.91	10
01.03.91	31.12.02	12.5
01.01.03	now	13.5

## OIL PRODUCTS

### Special Tax

*National Oil Reserves Levy:* In effect from 3Q95 onwards. Amounts are included in the excise column and average 0.476 EUR/litre (0.375 IEP/litre).

**Sources:** From 1Q86 onwards, Energy Ministry submissions to the European Commission, net of rebates. Prior to 1Q86, Department of Industry, Trade, Commerce and Tourism, Dublin, list prices transmitted to the EC Commission following specifications of the EC Decision of 26 January 1977.

### High Sulphur Fuel Oil

**Excise Tax:** As shown in excise tax column.

Rebates have been taken into account.

### Specifications

Density:	0.97 t/kl
Sulphur Content:	1 - 3.5%
Delivery Size:	25-tonne lots
NCV:	9 480 kcal/kg

### Light Fuel Oil

**General Tax (VAT):** Applies to households. See general notes for Ireland.

**Excise Tax:** As shown in excise tax column.

For industry, from 1Q83 onwards, the average rebate for medium-sized industry is taken into account. Prior to 1Q83, prices shown are maximum prices.

For households, from 2Q84 onwards, prices refer to average prices. Prior to 2Q84, prices refer to maximum prices. Rebates rarely occur.

### Specifications

Quality:	Heating gasoil
Density:	0.838 t/kl
Viscosity:	32 seconds
Delivery Size:	≥ 5 kl (industry)
NCV:	10 170 kcal/kg

### Automotive Diesel

**General Tax (VAT):** Applies to non-commercial use. See rates for gasoline.

**Excise Tax:** As shown in excise tax column.

From July 2001 onwards, there is no obligation to purchase 20% of automotive diesel from the domestic refinery.

Effective	Pricing system
Prior to 01.09.85	Major oil products subject to maximum prices.
17.07.87	Price control by statutory order of the Minister of Industry and Commerce
08.10.87	Statutory order revoked. Oil companies agreed to maintain the lower prices set by the Minister and operate a monthly price review.
15.04.89	Price control re-introduced.
01.10.91	Price control abolished.

### Gasoline

#### General Tax (VAT)

From	To	%
01.01.78	31.08.81	10
01.09.81	30.04.82	15
01.05.82	28.02.83	18
01.03.83	28.02.86	23
01.03.86	28.02.90	25
01.03.90	28.02.91	23
01.03.91	31.12.00	21
01.01.01	28.02.02	20
01.03.02	now	21

#### Excise Tax

Premium Leaded / Lead Replacement			
From	To	EUR/ litre	IEP/ litre
Prior to	01.04.85	0.302	0.238
01.04.85	07.01.86	0.325	0.256

From	To	EUR/ litre	IEP/ litre
08.01.86	29.01.86	0.334	0.263
30.01.86	20.01.87	0.348	0.274
21.01.87	27.01.88	0.357	0.281
28.01.88	25.01.89	0.375	0.295
26.01.89	31.04.92	0.386	0.304
01.05.92	25.01.94	0.364	0.287
26.01.94	31.05.95	0.380	0.299
01.06.95	23.01.96	0.385	0.303
24.01.96	21.01.97	0.395	0.311
22.01.97	02.12.97	0.427	0.336
03.12.97	06.12.00	0.458	0.361

## Premium Unleaded 98 RON

From	To	EUR/ litre	IEP/ litre
15.09.89	31.01.90	0.364	0.2867
01.02.90	31.04.92	0.353	0.2779
01.05.92	25.01.94	0.332	0.2614
26.01.94	31.05.95	0.348	0.2737
01.06.95	23.01.96	0.352	0.2776
24.01.96	21.01.97	0.363	0.2858
22.01.97	06.12.00	0.454	0.3572
07.12.00	now	not available	

## Premium Unleaded 95 RON

From	To	EUR/ litre	IEP/ litre
15.09.89	31.01.90	0.364	0.2867
01.02.90	31.04.92	0.353	0.2779
01.05.92	25.01.94	0.332	0.2614
26.01.94	31.05.95	0.348	0.2737
01.06.95	23.01.96	0.352	0.2776
24.01.96	21.01.97	0.363	0.2858
22.01.97	06.12.00	0.374	0.2945
07.12.00	05.12.01	0.349	0.2745
06.12.01	03.12.03	0.401	
04.12.03	now	0.443	

Prices shown refer to pump prices. From July 2001 onwards, there is no obligation to purchase 20% of gasoline from the domestic refinery.

Effective	Pricing system
Prior to 01.09.85	Major oil products subject to maximum prices.
17.07.87	Price control by statutory order of the Minister of Industry and Commerce
08.10.87	Statutory order revoked. Oil companies agreed to maintain the lower prices set by the Minister and operate a monthly price review.
15.04.89	Price control re-introduced for premium.
06.02.90	Wholesale prices for regular unleaded controlled.
08.02.90	Retail prices for regular unleaded controlled.
01.10.91	Price control abolished.

**Specifications**

Grade and Octane: Premium Unleaded 98 RON  
Premium Unleaded 95 RON  
Leaded Replacement (1Q00 onwards)  
Premium Leaded 97 RON (prior to 1Q00)

**NATURAL GAS**

From 2Q83 onwards, prices refer to the Dublin area. Prior to 2Q83, prices refer to Cork city, the only area with natural gas at the time.

For industry, prices refer to average revenues per 10<sup>7</sup> kcal for all industrial and commercial sales.

For electricity generation, prices refer to the average expenditure of electrical power plants on gas purchased for public supply.

For households, prices refer to the average revenues per 10<sup>7</sup> kcal, including standing charges.

**Specifications**

GCV: 9 444 kcal/cm<sup>3</sup>

**Sources**

From	To	Source
Prior to	1Q86	Department of Industry, Trade, Commerce and Tourism
1Q86	4Q92	Department of Energy
1Q93	2Q02	Department of Public Enterprise
3Q02	4Q02	Department of Communications, Marine and Natural Resources
1Q03	now	Sustainable Energy Ireland

**COAL****Sources**

From	To	Source
Prior to	1Q86	Department of Industry, Trade, Commerce and Tourism
1Q86	4Q92	Department of Energy
1Q93	2Q02	Department of Public Enterprise
3Q02	4Q02	Department of Communications, Marine and Natural Resources
1Q03	now	Sustainable Energy Ireland

**Steam Coal for Electricity Generation**

Prices are derived from the average quarterly expenditure of electricity power plants on all grades of steam coal. This information is gathered through a quarterly survey sent to the power plant companies.

**Specifications**

NCV: 6 194 kcal/kg

***Steam Coal for Households***

**General Tax (VAT):** See general notes for Ireland.

Average price for coal delivered to households in Dublin. The type of coal varies over time according to supply. Blended coal types also occur. From 1 September 1990 onwards, bituminous coal is banned from sale in the Dublin area.

**Specifications**

Quality: Smokeless coal (4Q90 onwards)  
Bituminous coal (prior to 4Q90)

**ELECTRICITY**

**Source:** Statistical Office of the European Communities, *Energy Statistics Yearbook*.

***Industry***

Prices refer to average revenues per kWh received by utilities from all high-voltage consumers (all industrial sectors).

***Households*****General Tax (VAT)**

From	To	%
01.03.88	28.02.90	5
01.03.90	28.02.91	10
01.03.91	31.12.02	12.5
01.01.03	now	13.5

Prices refer to average revenues per kWh received by utilities from all low-voltage consumers.

**ENERGY PRICE INDICES**

Annual indices are averages of the four quarters.

Wholesale: Quarterly indices are calculated by summing the indices for the three months in each quarter and calculating an average index.

Retail: Quarterly indices refer to those of mid-Feb, mid-May, mid-Aug, and mid-Nov of each year.

**Source:** Central Statistics Office, Sustainable Energy Ireland.

***Oil Products***

Oil products include the following items: home heating oil, petrol, diesel and motor oil. LPG for cars is included up to December 2001.

***Electricity***

Retail: Electricity for households.

***Natural Gas***

Retail: Natural gas for households.

***Coal***

Retail: Coal for households.

## ITALY

Table 1 - Average Prices and Taxes in Euro

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	119.19	23.24	-	23.24	142.43	103.03	46.48	-	46.48	149.51
1998	99.02	23.24	-	23.24	122.26	88.00	46.48	-	46.48	134.48
1999	117.53	31.39	-	31.39	148.92	107.80	61.59	-	61.59	169.40
2000	199.55	31.39	-	31.39	230.93	175.89	63.75	-	63.75	239.64
2001	170.25	31.39	-	31.39	201.64	157.07	63.75	-	63.75	220.82
2002	180.34	31.39	-	31.39	211.73	170.39	63.75	-	63.75	234.14
2003	201.83	31.39	-	31.39	233.22	..	..	..	..	..
2004	200.86	31.39	-	31.39	232.25	..	..	..	..	..
2005	276.33	31.39	-	31.39	307.72	..	..	..	..	..
2006	309.34	31.39	-	31.39	340.73	..	..	..	..	..
2007	314.20	31.39	-	31.39	345.59	..	..	..	..	..
2Q2007	300.44	31.39	-	31.39	331.83	..	..	..	..	..
3Q2007	333.41	31.39	-	31.39	364.80	..	..	..	..	..
4Q2007	370.99	31.39	-	31.39	402.38	..	..	..	..	..
1Q2008	386.67	31.39	-	31.39	418.06	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	221.98	386.04	-	386.04	608.02	221.98	386.04	117.04	503.08	725.06
1998	194.84	386.04	-	386.04	580.87	194.84	386.04	116.17	502.21	697.05
1999	212.36	402.55	-	402.55	614.91	212.36	402.55	122.98	525.54	737.90
2000	337.30	375.65	-	375.65	712.95	337.30	375.65	142.59	518.24	855.54
2001	316.14	366.80	-	366.80	682.94	316.14	366.80	136.59	503.39	819.53
2002	291.31	403.21	-	403.21	694.52	291.31	403.21	138.90	542.11	833.42
2003	304.80	403.21	-	403.21	708.01	304.80	403.21	141.60	544.81	849.61
2004	353.68	403.21	-	403.21	756.89	353.68	403.21	151.38	554.59	908.27
2005	469.71	403.21	-	403.21	872.92	469.71	403.21	174.58	577.79	1047.51
2006	527.74	403.21	-	403.21	930.95	527.74	403.21	186.19	589.40	1117.14
2007	526.64	403.21	-	403.21	929.85	526.64	403.21	185.97	589.18	1115.83
2Q2007	509.54	403.21	-	403.21	912.75	509.54	403.21	182.55	585.76	1095.30
3Q2007	531.49	403.21	-	403.21	934.70	531.49	403.21	186.94	590.15	1121.64
4Q2007	589.67	403.21	-	403.21	992.88	589.67	403.21	198.58	601.79	1191.46
1Q2008	629.42	403.21	-	403.21	1032.63	629.42	403.21	206.53	609.74	1239.16
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.238	0.386	-	0.386	0.623	0.238	0.386	0.120	0.506	0.743
1998	0.206	0.386	-	0.386	0.592	0.206	0.386	0.118	0.504	0.710
1999	0.233	0.403	-	0.403	0.635	0.232	0.403	0.127	0.530	0.762
2000	0.360	0.383	-	0.383	0.743	0.360	0.383	0.149	0.531	0.892
2001	0.339	0.385	-	0.385	0.724	0.339	0.385	0.145	0.530	0.869
2002	0.310	0.403	-	0.403	0.713	0.310	0.403	0.143	0.546	0.856
2003	0.328	0.403	-	0.403	0.731	0.328	0.403	0.146	0.549	0.877
2004	0.379	0.403	-	0.403	0.782	0.379	0.403	0.156	0.559	0.938
2005	0.512	0.412	-	0.412	0.924	0.512	0.412	0.185	0.596	1.108
2006	0.557	0.414	-	0.414	0.971	0.557	0.414	0.194	0.608	1.165
2007	0.549	0.420	-	0.420	0.969	0.549	0.420	0.194	0.614	1.163
2Q2007	0.527	0.416	-	0.416	0.943	0.527	0.416	0.189	0.605	1.132
3Q2007	0.554	0.423	-	0.423	0.977	0.554	0.423	0.194	0.617	1.171
4Q2007	0.617	0.423	-	0.423	1.040	0.617	0.423	0.208	0.631	1.248
1Q2008	0.655	0.423	-	0.423	1.078	0.655	0.423	0.216	0.639	1.294
2Q2008	..	..	..	..	..	..	..	..	..	..



## ITALY

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (95 RON) Gasoline (per litre)						Premium Leaded/Lead Replacement Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.264	0.528	0.152	0.680	0.944	0.257	0.574	0.160	0.734	0.991
1998	0.230	0.528	0.152	0.680	0.910	0.227	0.574	0.160	0.734	0.961
1999	0.258	0.541	0.160	0.701	0.960	0.258	0.578	0.167	0.746	1.003
2000	0.380	0.521	0.180	0.701	1.081	0.381	0.558	0.188	0.746	1.127
2001	0.354	0.524	0.175	0.699	1.053	0.354	0.555	0.182	0.737	1.091
2002	0.331	0.542	0.175	0.717	1.048	x	x	x	x	x
2003	0.341	0.542	0.177	0.719	1.060	x	x	x	x	x
2004	0.379	0.559	0.188	0.747	1.126	x	x	x	x	x
2005	0.453	0.564	0.203	0.767	1.220	x	x	x	x	x
2006	0.507	0.564	0.214	0.778	1.285	x	x	x	x	x
2007	0.518	0.564	0.216	0.780	1.298	x	x	x	x	x
2Q2007	0.528	0.564	0.219	0.783	1.311	x	x	x	x	x
3Q2007	0.541	0.564	0.221	0.785	1.326	x	x	x	x	x
4Q2007	0.553	0.564	0.224	0.788	1.341	x	x	x	x	x
1Q2008	0.578	0.564	0.229	0.793	1.371	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	154.12	14.51	-	14.51	168.64
1998	..	..	..	..	..	138.72	14.98	-	14.98	153.70
1999	..	..	..	..	..	c	c	c	c	c
2000	0.306	0.146	0.090	0.236	0.542	c	c	c	c	c
2001	0.304	0.147	0.090	0.237	0.541	c	c	c	c	c
2002	0.277	0.157	0.087	0.244	0.521	c	c	c	c	c
2003	0.294	0.157	0.090	0.247	0.541	c	c	c	c	c
2004	0.293	0.157	0.090	0.247	0.540	205.90	..	..	..	241.85
2005	0.318	0.157	0.095	0.252	0.570	244.21	..	..	..	283.23
2006	0.390	0.149	0.108	0.257	0.647	314.78	..	..	..	361.96
2007	0.397	0.125	0.104	0.229	0.626	..	..	..	..	..
2Q2007	0.391	0.125	0.103	0.228	0.619	305.15	..	..	..	349.76
3Q2007	0.395	0.125	0.104	0.229	0.624	..	..	..	..	..
4Q2007	0.418	0.125	0.109	0.234	0.652	..	..	..	..	..
1Q2008	0.446	0.125	0.114	0.239	0.684	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	c	c	c	c	c	347.90	170.74	95.43	266.17	614.07
1998	c	c	c	c	c	334.62	184.24	100.66	284.89	619.52
1999	c	c	c	c	c	320.96	181.05	97.39	278.45	599.41
2000	c	c	c	c	c	c	c	c	c	c
2001	c	c	c	c	c	c	c	c	c	c
2002	c	c	c	c	c	c	c	c	c	c
2003	c	c	c	c	c	c	c	c	c	c
2004	c	c	c	c	c	374.80	..	..	..	626.50
2005	c	c	c	c	c	411.88	..	..	..	662.82
2006	c	c	c	c	c	480.01	..	..	..	746.50
2007	c	c	c	c	c	..	..	..	..	..
2Q2007	c	c	c	c	c	483.11	..	..	..	747.18
3Q2007	c	c	c	c	c	..	..	..	..	..
4Q2007	c	c	c	c	c	..	..	..	..	..
1Q2008	c	c	c	c	c	..	..	..	..	..
2Q2008	c	c	c	c	c	..	..	..	..	..

## ITALY

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	41.57	-	-	-	41.57	..	..	..	..	49.16
1998	36.51	-	-	-	36.51	..	..	..	..	45.20
1999	31.33	-	-	-	31.33	c	c	c	c	c
2000	41.51	-	-	-	41.51	c	c	c	c	c
2001	50.04	-	-	-	50.04	c	c	c	c	c
2002	43.90	-	-	-	43.90	c	c	c	c	c
2003	37.47	-	-	-	37.47	c	c	c	c	c
2004	51.12	-	-	-	51.12	c	c	c	c	c
2005	58.96	-	-	-	58.96	c	c	c	c	c
2006	55.03	-	-	-	55.03	c	c	c	c	c
2007	62.85	-	-	-	62.85	c	c	c	c	c
2Q2007	58.69	-	-	-	58.69	c	c	c	c	c
3Q2007	63.54	-	-	-	63.54	c	c	c	c	c
4Q2007	71.47	-	-	-	71.47	c	c	c	c	c
1Q2008	..	..	..	..	..	c	c	c	c	c
2Q2008	..	..	..	..	..	c	c	c	c	c
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	51.04	-	-	-	51.04
1998	..	..	..	..	..	50.50	-	-	-	50.50
1999	..	..	..	..	..	47.01	-	-	-	47.01
2000	..	..	..	..	..	54.90	-	-	-	54.90
2001	..	..	..	..	..	61.78	-	-	-	61.78
2002	..	..	..	..	..	61.28	-	-	-	61.28
2003	..	..	..	..	..	53.40	-	-	-	53.40
2004	..	..	..	..	..	60.83	-	-	-	60.83
2005	..	..	..	..	..	83.32	-	-	-	83.32
2006	..	..	..	..	..	89.41	-	-	-	89.41
2007	..	..	..	..	..	86.09	-	-	-	86.09
2Q2007	..	..	..	..	..	84.84	-	-	-	84.84
3Q2007	..	..	..	..	..	84.00	-	-	-	84.00
4Q2007	..	..	..	..	..	87.75	-	-	-	87.75
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0682	0.0145	-	0.0145	0.0827	0.1029	0.0245	0.0128	0.0372	0.1402
1998	0.0668	0.0182	-	0.0182	0.0850	0.1014	0.0285	0.0130	0.0415	0.1429
1999	0.0653	0.0153	-	0.0153	0.0806	0.1025	0.0232	0.0125	0.0358	0.1383
2000	0.0818	0.0147	-	0.0147	0.0965	0.1134	0.0202	0.0134	0.0336	0.1470
2001	0.1000	0.0200	-	0.0200	0.1200	0.1200	0.0300	0.0150	0.0450	0.1650
2002	0.0900	0.0300	-	0.0300	0.1200	0.1100	0.0400	0.0150	0.0550	0.1650
2003	0.1000	0.0300	-	0.0300	0.1300	0.1200	0.0300	0.0150	0.0450	0.1650
2004	0.1000	0.0300	-	0.0300	0.1300	0.1100	0.0300	0.0140	0.0440	0.1540
2005	0.1100	0.0300	-	0.0300	0.1400	0.1200	0.0250	0.0140	0.0390	0.1590
2006	0.1300	0.0370	-	0.0370	0.1670	0.1300	0.0300	0.0200	0.0500	0.1800
2007	0.1320	0.0410	-	0.0410	0.1730	0.1340	0.0370	0.0170	0.0540	0.1880
2Q2007	0.1219	0.0417	-	0.0417	0.1636	0.1303	0.0372	0.0168	0.0540	0.1843
3Q2007	0.1310	0.0410	-	0.0410	0.1720	0.1303	0.0372	0.0167	0.0539	0.1842
4Q2007	0.1351	0.0408	-	0.0408	0.1759	0.1345	0.0359	0.0170	0.0529	0.1874
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**ITALY**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	1995 = 100	2005 = 100		2005 = 100		2005 = 100	1995 = 100	
1987	59.1	..	..	..	..	..	73.9	..
1988	59.4	..	..	..	..	..	74.2	..
1989	64.8	..	..	..	..	..	75.3	..
1990	75.2	..	..	..	..	..	77.5	..
1991	81.2	..	..	..	..	..	80.9	..
1992	81.2	..	..	..	..	..	83.1	..
1993	88.3	..	..	..	..	..	89.1	..
1994	90.5	..	..	..	..	..	94.5	..
1995	100.0	..	..	..	..	..	100.0	..
1996	105.3	74.7	..	93.1	..	75.1	107.2	..
1997	107.0	75.8	..	90.1	..	80.3	109.6	..
1998	98.7	73.7	..	91.6	..	79.3	..	..
1999	106.5	76.8	..	87.9	..	78.0	..	..
2000	129.8	86.7	..	95.1	..	86.4	..	..
2001	..	84.8	..	98.1	..	92.7	..	..
2002	..	83.3	..	96.6	..	88.3	..	..
2003	..	85.1	..	99.4	..	92.8	..	..
2004	..	90.1	..	96.2	..	93.0	..	..
2005	..	100.0	..	100.0	..	100.0	..	..
2006	..	105.9	..	112.6	..	109.4	..	..
2007	..	106.3	..	117.9	..	109.5	..	..
2Q2000	124.9	85.2	..	93.5	..	85.0	..	..
3Q2000	132.6	88.7	..	96.6	..	88.0	..	..
4Q2000	139.9	90.0	..	98.9	..	90.2	..	..
1Q2001	..	85.3	..	99.9	..	94.4	..	..
2Q2001	..	87.2	..	98.0	..	93.4	..	..
3Q2001	..	85.2	..	97.2	..	90.9	..	..
4Q2001	..	81.7	..	97.1	..	92.3	..	..
1Q2002	..	80.7	..	94.9	..	90.2	..	..
2Q2002	..	84.3	..	95.5	..	87.2	..	..
3Q2002	..	83.7	..	98.1	..	87.6	..	..
4Q2002	..	84.5	..	98.1	..	88.1	..	..
1Q2003	..	87.4	..	100.0	..	90.4	..	..
2Q2003	..	84.6	..	100.3	..	93.3	..	..
3Q2003	..	84.5	..	99.4	..	93.6	..	..
4Q2003	..	84.1	..	98.0	..	93.7	..	..
1Q2004	..	85.3	..	98.0	..	93.0	..	..
2Q2004	..	89.3	..	94.9	..	92.6	..	..
3Q2004	..	91.9	..	95.5	..	92.4	..	..
4Q2004	..	94.0	..	96.5	..	93.8	..	..
1Q2005	..	93.3	..	97.8	..	96.6	..	..
2Q2005	..	98.8	..	99.4	..	98.1	..	..
3Q2005	..	103.5	..	99.5	..	101.2	..	..
4Q2005	..	104.4	..	103.4	..	104.1	..	..
1Q2006	..	103.7	..	105.4	..	106.9	..	..
2Q2006	..	108.4	..	110.6	..	108.0	..	..
3Q2006	..	109.6	..	116.3	..	111.1	..	..
4Q2006	..	101.7	..	117.9	..	111.5	..	..
1Q2007	..	100.5	..	117.6	..	112.5	..	..
2Q2007	..	105.6	..	117.1	..	108.8	..	..
3Q2007	..	108.0	..	117.3	..	107.5	..	..
4Q2007	..	111.0	..	119.7	..	109.0	..	..
1Q2008	..	114.5	..	123.8	..	114.1	..	..
2Q2008	..	..	..	..	..	..	..	..

# ITALY

## GENERAL NOTES

From 1Q90 onwards, prices refer to weekly averages of the quarter. From 1Q85 to 4Q89 prices refer to the second month of each quarter. Prior to 1Q85, prices refer to the first month of each quarter. See individual products for details.

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel oil because it is refunded on purchases for commercial purposes.

From	To	%
01.01.78	31.12.80	14
01.01.81	31.12.82	15
01.01.83	31.07.88	18
01.08.88	30.09.97	19
01.10.97	now	20

## OIL PRODUCTS

From May 1994 onwards, oil product prices are completely deregulated and set by oil companies. From May 1986 until April 1994, prices for gasoline and light fuel oil follow EU averages automatically. HFO prices are free market prices.

**Sources:** Unless specified otherwise, Ministry of Industry and Commerce, following specifications of EC decision dated 26 January 1977. Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### High Sulphur Fuel Oil

**Excise Tax:** As shown in excise tax column.

#### Specifications

Quality:	Olio Combustibile ATZ
Density:	0.94 - 0.97 t/kl
Sulphur Content:	3 - 4%
Delivery Size:	< 24 000 t/year
NCV:	9 600 kcal/kg

### Low Sulphur Fuel Oil

**Excise Tax:** As shown in excise tax column.

#### Specifications

Quality:	Olio Combustibile BTZ
Density:	0.94 - 0.97 t/kl

Sulphur Content:	1%
Delivery Size:	< 24 000 t/year
NCV:	9 800 kcal/kg

### Heavy Fuel Oil for Electricity Generation

From 4Q96, onwards, prices are confidential. Prior to 4Q96, prices refer to the annual and quarterly average expenditure per tonne incurred by ENEL for all oil consumed (including transport).

**Source:** ENEL.

### Light Fuel Oil

**General Tax (VAT):** Applies to households only.

From	To	%
08.02.77	02.07.80	14
03.07.80	30.09.80	15
01.10.80	31.10.80	14
01.11.80	31.12.84	15
01.01.85	31.07.88	18
01.08.88	now	see general VAT

**Excise Tax (Imposta di fabbricazione):** As shown in excise tax column.

#### Specifications

Quality:	Gasolio Riscaldamento (Regime di sorveglianza "Fascia C")
Density:	0.82 - 0.84 t/kl
Delivery Size:	2 - 5 kl
NCV:	10 210 kcal/kg

### Automotive Diesel Oil

**Excise Tax:** As shown in excise tax column.

#### Specifications

Quality:	Gasolio Autotrazione
Density:	0.82 - 0.84 t/kl

### Gasoline

#### General Tax (VAT)

From	To	%
01.01.73	02.07.80	12
03.07.80	30.09.80	18
01.10.80	31.10.80	12
01.11.80	31.12.82	18
01.01.83	31.12.84	20
01.01.85	31.07.88	18
01.08.88	now	see general VAT

**Excise Tax (Imposte di fabbricazione):** As shown in excise tax column. Gasoline for agricultural use is taxed less.

**Specifications**

Grade and Octane:	Premium Leaded 98 RON Premium Unleaded 95 RON
Lead Content:	≤ 0.6 g/litre
Density:	0.72 - 0.76 t/kl

**Automotive LPG**

Pump Prices.

**Excise tax:** As shown in excise tax column.

**NATURAL GAS****Industry**

Before the liberalisation of the gas market in Italy, the prices for natural gas sales were calculated in accordance with national agreements established between SNAM (dominant supply company) and the most representative industrial association (Confindustria and Confapi).

As a result of the liberalization, new prices negotiated between the different sellers and the buyers replaced the old price methodology. Pricing systems are different for each seller but the access to public facilities (transmission networks, storages, LNG plants and local distribution networks) is regulated by tariffs determined with reference to criteria given by the Energy Regulator (Autorità per l'Energia Elettrica e il Gas).

From 2004 onwards, prices refer to the weighted average of users with continuous contracts (Industria continuo) and non-continuous contracts (Industria interompibile). Prices between 2000 and 2003 were confidential. Prior to 1999, prices refer to the annual average revenue in Euro per 10<sup>7</sup> kcal received by distributors from industry.

**Excise Tax (Imposta di Consumo and Regional Tax):**

From the end of 2001, natural gas used for industrial purposes is subject to an indirect tax amounting to 13.7 EUR/10<sup>7</sup> kcal for consumption up to 1 200 000 m<sup>3</sup>/year and 8.24 EUR/10<sup>7</sup> kcal above that consumption. In addition, there is a regional tax between 5.67 and 34.06 EUR/10<sup>7</sup> kcal depending on the region. In any case, this additional tax cannot exceed 50% of the value of national excise tax.

**Excise Tax prior to 2001:**

From	To	EUR/ 10 <sup>7</sup> kcal	ITL/ 10 <sup>7</sup> kcal
23.05.90	20.01.92	11.35	21 978
21.01.92	15.01.99	17.03	32 967
16.01.99	unknown	20.60	39 890

**Specifications**

GCV:	9 100 kcal/m <sup>3</sup>
------	---------------------------

**Source:** From 2004 onwards, Ministry of Economic Development. Prior to 1999, SNAM.

**Electricity Generation**

Please note that price and tax information is not available after 1995 and the notes below may be out of date.

**Excise Tax:** The rate of excise tax is 0.49 EUR/10<sup>7</sup>kcal (956 ITL/10<sup>7</sup>kcal) for gas used for public electricity generation and 0.15 EUR/10<sup>7</sup>kcal (287 ITL/10<sup>7</sup>kcal) for autoproducers.

Price shown is annual and quarterly average expenditure per 10<sup>7</sup> kcal incurred by ENEL for consumption of natural gas.

**Specifications**

GCV:	8 900 kcal/m <sup>3</sup>
NCV:	8 250 kcal/m <sup>3</sup>

**Source:** ENEL.

**Households**

For domestic consumers, tariffs charged by local distribution companies (LDCs) to companies that sell gas to domestic customers are determined on the basis of a conventional procedure settled by the Energy Regulator and have to be published by the LDCs. These prices differ from town to town.

The commodity charge is updated every three months with reference to the average quotations of gasoil, LSFO, and crude oil of the six months preceding the month of supply.

Starting from January 2003, since all customers can also be eligible, the gas prices for domestic consumers can be renegotiated. The Energy Regulator established a reference price that the selling company previously acting as part of the local distribution company must continue to offer to local civil customers unless they change their supplier.

From 2004 onwards, prices refer to the weighted average of all the users. Prices between 2000 and 2003 were confidential. Prior to 1999, annual prices refer to annual average revenue in lire per 10<sup>7</sup> kcal received by distributors from households.

**General Tax (VAT)**

From	To	%
01.01.78	31.12.80	6
01.01.81	31.12.84	8
01.01.85	15.01.88	9
16.01.88	31.07.88	18
01.08.88	30.09.97	19
01.10.97	now	20*

\* For domestic consumers VAT rate is 10% if the gas is used only for cooking and hot water up to 250 m<sup>3</sup>/year.

*Users in Mezzogiorno, southern Italy*

From	To	%
06.03.91	31.12.92	4
01.01.93	23.02.95	9
24.02.95	unknown	10

**Excise Tax (Imposta di Consumo)***Excise tax in the South*

From	To	EUR/10 <sup>7</sup> kcal			
		T1	T2*	T3**	T4
01.01.04	now	42.47	42.47	136.50	136.50

\* < 250 m<sup>3</sup>/year\*\* > 250 m<sup>3</sup>/year*Excise tax in Middle-North*

From	To	EUR/10 <sup>7</sup> kcal			
		T1	T2*	T3**	T4
01.01.04	31.12.05	43.96	43.96	190.33	190.33
01.01.06	Now	45.49	45.49	190.33	190.33

\* < 250 m<sup>3</sup>/year\*\* > 250 m<sup>3</sup>/year

From 23 May 1990 and at least until 2000, different tax levels were introduced, as follows:

*Cooking and water heating in the South*

From	To	EUR/ 10 <sup>7</sup> kcal	ITL/ 10 <sup>7</sup> kcal
01.01.94	23.02.95	21.57	41 758
24.02.95	15.01.99	42.00	81 319
16.01.99	31.10.99	42.47	82 242
01.11.99	03.01.00	37.75	73 088
04.01.00	29.02.00	36.96	71 560
01.03.00	23.03.00	36.17	70 033
24.03.00	02.10.00	34.59	66 978
03.10.00	30.06.01	26.55	51 407

*Other uses in the South*

From	To	EUR/ 10 <sup>7</sup> kcal	ITL/ 10 <sup>7</sup> kcal
23.05.90	21.07.90	48.52	93 956
22.07.90	31.12.90	57.89	112 088
01.01.91	12.05.91	63.56	123 077
13.05.91	31.12.93	93.08	180 220
01.01.94	23.02.95	114.64	221 978
24.02.95	15.01.99	135.07	261 538
16.01.99	31.10.99	136.50	264 308
01.11.99	03.01.00	131.78	255 154
04.01.00	29.02.00	130.99	253 626
01.03.00	23.03.00	130.20	252 099
24.03.00	02.10.00	128.62	249 044
03.10.00	unknown	120.58	233 473

*Cooking and water heating in other areas*

From	To	EUR/ 10 <sup>7</sup> kcal	ITL/ 10 <sup>7</sup> kcal
23.05.90	07.03.91	43.70	84 615
08.03.91	31.12.93	6.81	13 187
01.01.94	23.02.95	28.38	54 945
24.02.95	15.01.99	48.81	94 505
16.01.99	31.10.99	49.28	95 429
01.11.99	03.01.00	44.56	86 275
04.01.00	29.02.00	43.69	84 604
01.03.00	23.03.00	42.83	82 934
24.03.00	02.10.00	41.11	79 604
03.10.00	unknown	32.34	62 626

*Other uses in the other regions*

From	To	EUR/ 10 <sup>7</sup> kcal	ITL/ 10 <sup>7</sup> kcal
23.05.90	21.07.90	92.22	178 571
22.07.90	31.12.90	111.24	215 385
01.01.91	12.05.91	116.91	226 374
13.05.91	31.12.93	146.42	283 516
01.01.94	23.02.95	167.99	325 275
24.02.95	15.01.99	188.42	364 835
16.01.99	31.10.99	190.45	368 758
01.11.99	03.01.00	185.72	359 604
04.01.00	29.02.00	184.93	358 077
01.03.00	23.03.00	184.14	356 549
24.03.00	02.10.00	182.56	353 495
03.10.00	unknown	174.52	337 923

*Excise Tax prior to May 1990*

From	To	EUR/ 10 <sup>7</sup> kcal	ITL/ 10 <sup>7</sup> kcal
01.01.78	13.12.79	17.04	33 000
01.01.80	29.02.80	20.72	40 110
01.03.80	15.01.88	17.04	33 000
16.01.88	31.07.88	22.70	43 956
01.08.88	22.05.90	43.70	84 615

**Regional Tax:** From 1 January 1991 onwards, an additional local tax is applied in most Italian regions. The total amount cannot exceed 50% of the value of the national excise tax. From 1 January 1997, the upper limit was increased to 34.05 EUR/ 10<sup>7</sup> kcal (65 935 ITL/10<sup>7</sup> kcal). Prior to 1 January 1997, the tax was 5.68 - 28.38 EUR/10<sup>7</sup> kcal (10 989 - 54 945 ITL/10<sup>7</sup> kcal).

**Specifications**GCV: 9 100 kcal/m<sup>3</sup>

**Source:** From 2004 onwards, Ministry of Economic Development. Prior to 1999, SNAM.

**COAL**

From 1Q83 onwards, prices refer to first month of each quarter. Prior to 1Q83, prices refer to quarterly averages.

**Steam Coal for Industry**

Prices refer to the average import price (CIF).

**Specifications**

Sulphur Content:	1%
Ash Content:	14 - 16%
NCV:	6 162 kcal/kg
GCV:	6 890 kcal/kg

**Source:** Italian customs statistics via Eurostat in Luxembourg.

**Steam Coal for Electricity Generation**

Prices refer to annual and quarterly average expenditure/tonne incurred by ENEL for consumption of steam coal (including transport).

**Specifications**

NCV:	6 200 kcal/kg (estimated)
------	---------------------------

**Source:** ENEL.

**Coal for households****General Tax (VAT)**

From	To	%
01.01.78	31.12.80	6
01.01.81	31.12.84	8
01.01.85	now	9

Prices refer to the wholesale price for Milan.

**Specifications**

Quality:	Coking coal
Size:	40/70 mm

**Source:** Staffetta Quotidiana Petrolifera.

**Coking Coal**

Prices refer to the average import price (CIF).

**Specifications**

Sulphur: Content	1%
Ash Content:	6%
Water:	5%
Volatile Matters:	21%
Grain Size:	0/30 mm
NCV:	6 650 kcal/kg
GCV:	7 000 kcal/kg

**Source:** Italian customs statistics via Eurostat in Luxembourg.

**ELECTRICITY**

**Excise Tax:** Prior to 31 December 1993, all consumers in Southern Italy and in the Islands benefited from a 50% reduction of the excise tax.

**Special Tax:** Prices (but not taxes) include a considerable amount destined for a compensation fund covering unequal fuel cost increases among producers.

From 1 April 1999 onwards, prices refer to annual average revenues received by ENEL from industry and households. Prior to 1 April 1999 (the beginning of the electricity industry privatisation), ENEL covered over 90% of all Italian distribution of electricity.

**Source:** ENEL.

**Industry****Excise Tax**

From	To	EUR/ kWh	ITL/ kWh	Notes
01.01.75	30.05.88	0.0006	1.10	first 200 MWh/month
		0.0003	0.65	all additional consumption
31.05.88	31.12.00	0.0021	4.10	first 200 MWh/month
		0.0013	2.45	all additional consumption
01.01.01	now	0.0031	6.00	< 1 200 MWh/month

**Special Taxes:** For industry, provincial and/or local taxes combined usually reached, but did not exceed, the following amounts.

**Local Tax (applied by "Comuni")**

From	To	EUR/ kWh	ITL/ kWh	Notes
26.02.82	25.04.83	0.0026	5.0	< 500 kW
26.04.83	26.12.83	0.0021	4.0	< 1 000 kW
27.12.83	31.12.84	0.0023	4.5	< 1 000 kW
01.01.85	30.06.86	0.0026	5.0	< 1 000 kW
01.07.86	28.02.87	0.0028	5.5	< 1 000 kW
01.03.87	30.04.87	0.0031	6.0	< 1 000 kW
01.05.87	31.12.87	0.0031	6.0	< 1 000 kW
01.01.88	29.07.88	0.0034	6.5	< 1 000 kW
30.07.88	31.12.00	0.0034	6.5	any demand < 200 MWh/month
01.01.01	now	Suppressed		

*Provincial Tax (applied by "Provincia"):* Application of provincial taxes follows the same criteria as the local taxes applied by Comuni.

From	To	EUR/ kWh	ITL/ kWh	Notes
26.04.83	26.12.83	0.0021	4.0	
27.12.83	31.12.84	0.0023	4.5	
01.01.85	30.06.86	0.0026	5.0	
01.07.86	28.02.87	0.0028	5.5	
01.03.87	30.04.87	0.0041	8.0	
01.05.87	31.12.87	0.0041	8.0	
01.01.88	29.07.88	0.0044	8.5	
30.07.88	31.12.00	0.0059	11.5	
01.01.01	now	0.0093	18.0	< 200 MWh/month

#### *State Tax*

From	To	EUR/ kWh	ITL/ kWh	Notes
30.09.89	31.03.90	0.0036	7.0	
01.04.90	31.12.00	0.0036	7.0	< 30 kW
		0.0054	10.5	> 30 and < 3 000 kW
		0.0021	4.5	> 3 000 kW
01.01.01	now	Suppressed		

### **Households**

#### **General Tax (VAT)**

From	To	%
01.01.78	31.12.80	6
01.01.81	31.12.84	8
01.01.85	27.04.95	9
28.04.95	now	10

**Excise Tax:** From 14 May 1991 onwards, excise tax is not charged on the first 150 kWh per month of consumption (up to 3kW).

From	To	EUR/ kWh	ITL/ kWh
01.01.75	30.05.88	0.0006	1.1
31.05.88	31.12.95	0.0021	4.1
01.01.96	now	0.0047	9.1

**Special Taxes:** The following tax excludes the first 150 kWh per month of consumption (up to 3kW).

#### *Provincial Tax (applied by "Provincia")*

From	To	EUR/ kWh	ITL/ kWh	Notes
23.04.81	26.12.83	0.0052	10	
27.12.83	31.12.84	0.0057	11	
01.01.85	30.06.86	0.0062	12	
01.07.86	28.02.87	0.0067	13	
01.03.87	31.12.87	0.0072	14	

From	To	EUR/ kWh	ITL/ kWh	Notes
01.01.88	29.07.88	0.0077	15	
30.07.88	13.05.91	0.0093	18	
14.05.91	31.12.00	0.0145	28	
01.01.01	now	0.0186	36	
		0.0204	39.5	for second home

#### *State Tax*

From	To	EUR/ kWh	ITL/ kWh	Notes
30.09.89	13.05.91	0.0036	7.0	Except first 75 kWh/month (< 3 kW)
		0.0054	10.5	All other cases
14.05.91	31.12.00	0.0041	8.0	Except first 150 kWh/month (< 3 kW)
		0.0059	11.5	for second home
01.01.01	now	Suppressed		

## ENERGY PRICE INDICES

Annual indices are 12-month averages. From 1Q93 onwards, quarterly indices refer to the three-month average. Prior to 1Q93, indices refer to the second month of each quarter.

**Sources:** Wholesale: National Statistical Office (ISTAT), *Bollettino Mensile di Statistica*, monthly.

Retail: Eurostat, Harmonised indices of consumer prices (HICP).

### **Oil Products**

Wholesale: Petrolio greggio e prod. Petroliferi.

Retail: Weighted average of HICP, Liquid fuels (cp0453) and HICP, Fuels and lubricants for personal transport equipment (cp0722).

### **Electricity**

Retail: HICP, Electricity (cp0451).

### **Natural Gas**

Retail: HICP, Gas (cp0452).

### **Coal Products**

Wholesale: Carboni fossili.



**JAPAN**  
**Table 1 - Average Prices and Taxes in Yen**

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price
1997	32404	-	1458	1458	33862	20965	-	943	943	21908
1998	28886	-	1444	1444	30330	19193	-	960	960	20153
1999	27661	-	1383	1383	29044	18436	-	922	922	19358
2000	30979	-	1549	1549	32528	23026	-	1151	1151	24177
2001	32105	-	1605	1605	33710	25132	-	1257	1257	26389
2002	31044	-	1552	1552	32596	24045	-	1202	1202	25247
2003	34270	-	1714	1714	35984	26261	-	1313	1313	27574
2004	37211	-	1861	1861	39072	27573	-	1379	1379	28952
2005	49202	-	2460	2460	51662	36736	-	1837	1837	38573
2006	62528	-	3126	3126	65655	50526	-	2526	2526	53052
2007	64383	-	3219	3219	67603	53523	-	2676	2676	56200
2Q2007	62413	-	3121	3121	65533	51550	-	2578	2578	54127
3Q2007	66052	-	3303	3303	69355	55190	-	2759	2759	57949
4Q2007	73414	-	3671	3671	77084	62559	-	3128	3128	65687
1Q2008	80789	-	4040	4040	84829	69576	-	3479	3479	73055
2Q2008	89035	-	4452	4452	93486	76067	-	3803	3803	79870
Light Fuel Oil for Industry (per 1000 litres)						Kerosene for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price
1997	30821	-	1387	1387	32208	47639	-	2144	2144	49783
1998	27236	-	1362	1362	28598	42608	-	2130	2130	44738
1999	26278	-	1314	1314	27592	40386	-	2019	2019	42405
2000	29431	-	1472	1472	30903	44947	-	2247	2247	47194
2001	30375	-	1519	1519	31894	47412	-	2371	2371	49783
2002	29042	-	1452	1452	30494	43418	-	2171	2171	45589
2003	31264	-	1563	1563	32827	45546	-	2277	2277	47823
2004	34618	-	1731	1731	36349	49013	-	2451	2451	51463
2005	46084	-	2304	2304	48388	60776	-	3039	3039	63815
2006	55238	-	2762	2762	58000	75778	-	3789	3789	79566
2007	57103	-	2855	2855	59959	75619	-	3781	3781	79399
2Q2007	54762	-	2738	2738	57500	70160	-	3508	3508	73668
3Q2007	57778	-	2889	2889	60667	78413	-	3921	3921	82333
4Q2007	64445	-	3222	3222	67667	85908	-	4295	4295	90204
1Q2008	71270	-	3564	3564	74833	92169	-	4609	4609	96778
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price
1997	28.3	32.1	2.7	34.8	63.1	45.9	32.1	2.1	34.2	80.1
1998	26.3	32.1	2.9	35.0	61.3	42.1	32.1	3.7	35.8	77.9
1999	25.6	32.1	2.9	35.0	60.5	42.9	32.1	3.8	35.9	78.8
2000	28.8	32.1	1.4	33.5	62.3	46.8	32.1	2.3	34.4	81.3
2001	30.6	32.1	1.5	33.6	64.2	49.9	32.1	2.5	34.6	84.5
2002	29.4	32.1	1.5	33.6	63.0	48.3	32.1	2.4	34.5	82.8
2003	31.6	32.1	1.6	33.6	65.2	49.9	32.1	2.5	34.6	84.5
2004	36.2	32.1	1.8	33.9	70.1	53.3	32.1	2.7	34.8	88.1
2005	47.5	32.1	2.4	34.5	82.0	64.9	32.1	3.2	35.3	100.3
2006	57.7	32.1	2.9	35.0	92.7	77.0	32.1	3.9	36.0	113.0
2007	61.1	32.1	3.1	35.2	96.2	82.7	32.1	4.1	36.2	118.9
2Q2007	58.3	32.1	2.9	35.0	93.3	78.6	32.1	3.9	36.0	114.7
3Q2007	63.4	32.1	3.2	35.3	98.7	85.6	32.1	4.3	36.4	122.0
4Q2007	68.1	32.1	3.4	35.5	103.6	91.6	32.1	4.6	36.7	128.3
1Q2008	73.5	32.1	3.7	35.8	109.3	95.4	32.1	4.8	36.9	132.3
2Q2008	..	..	..	..	..	..	..	..	..	..

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Table 2 - Average Prices and Taxes in Yen

Regular Unleaded (91 RON) Gasoline (per litre)						Automotive LPG for Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price
1997	46.1	53.8	4.5	58.3	104.4	..	..	..	..	..
1998	39.2	53.8	4.7	58.5	97.7	..	..	..	..	..
1999	39.8	53.8	4.7	58.5	98.3	..	..	..	..	..
2000	47.7	53.8	2.4	56.2	103.9	..	..	..	..	..
2001	48.7	53.8	2.4	56.2	104.9	..	..	..	..	..
2002	45.4	53.8	5.0	58.8	104.2	47.1	9.8	2.8	12.6	59.7
2003	47.5	53.8	5.1	58.9	106.3	48.6	9.8	2.9	12.7	61.3
2004	53.2	53.8	5.4	59.2	112.3	48.5	9.8	2.9	12.7	61.2
2005	64.8	53.8	5.9	59.7	124.5	51.1	9.8	3.0	12.8	63.9
2006	77.2	53.8	6.5	60.3	137.5	58.6	9.8	3.4	13.2	71.8
2007	79.4	53.8	6.7	60.5	139.8	62.0	9.8	3.6	13.4	75.4
2Q2007	74.8	53.8	6.4	60.2	135.0	59.8	9.8	3.5	13.3	73.1
3Q2007	83.1	53.8	6.8	60.6	143.7	62.8	9.8	3.6	13.4	76.2
4Q2007	89.3	53.8	7.2	61.0	150.3	66.2	9.8	3.8	13.6	79.8
1Q2008	92.2	53.8	7.3	61.1	153.3	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price
1997	..	..	..	..	..	53390	-	2670	2670	56060
1998	..	..	..	..	..	44377	-	2219	2219	46596
1999	..	..	..	..	..	41852	-	2093	2093	43945
2000	..	..	..	..	..	46476	-	2324	2324	48800
2001	..	..	..	..	..	47027	-	2351	2351	49378
2002	50.7	9.8	3.0	12.8	63.5	42607	-	2130	2130	44737
2003	52.2	9.8	3.1	12.9	65.1	42488	-	2124	2124	44612
2004	52.1	9.8	3.1	12.9	64.9	40412	-	2020	2020	42432
2005	54.6	9.8	3.2	13.0	67.7	42103	-	2105	2105	44208
2006	62.3	9.8	3.6	13.4	75.7	48253	-	2412	2412	50665
2007	65.7	9.8	3.8	13.6	79.3	..	..	..	..	..
2Q2007	63.5	9.8	3.7	13.5	77.0	..	..	..	..	..
3Q2007	66.3	9.8	3.8	13.6	79.9	..	..	..	..	..
4Q2007	70.3	9.8	4.0	13.8	84.1	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price
1997	24396	-	1220	1220	25616	148400	-	7420	7420	155820
1998	..	..	..	..	..	133200	-	6660	6660	139860
1999	..	..	..	..	..	129784	-	6489	6489	136273
2000	..	..	..	..	..	132858	-	6643	6643	139501
2001	..	..	..	..	..	135175	-	6759	6759	141934
2002	..	..	..	..	..	129639	-	6482	6482	136121
2003	..	..	..	..	..	131933	-	6596	6596	138529
2004	..	..	..	..	..	130906	-	6545	6545	137451
2005	..	..	..	..	..	130606	-	6530	6530	137136
2006	..	..	..	..	..	137286	-	6864	6864	144150
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

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Table 3 - Average Prices and Taxes in Yen

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price
1997	5509	-	248	248	5757	6910	-	311	311	7221
1998	5333	-	267	267	5600	6296	-	315	315	6611
1999	4098	-	205	205	4303	4819	-	241	241	5060
2000	3733	-	187	187	3920	4203	-	210	210	4413
2001	4575	-	229	229	4804	4940	-	247	247	5187
2002	4585	-	229	229	4814	4725	-	236	236	4961
2003	3980	-	199	199	4179	..	..	..	..	..
2004	5506	-	275	275	5781	..	..	..	..	..
2005	6781	-	339	339	7120	..	..	..	..	..
2006	7222	-	361	361	7583	..	..	..	..	..
2007	8105	-	405	405	8510	..	..	..	..	..
2Q2007	7980	-	399	399	8379	..	..	..	..	..
3Q2007	8462	-	423	423	8885	..	..	..	..	..
4Q2007	8406	-	420	420	8826	..	..	..	..	..
1Q2008	8873	-	443	443	9316	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price
1997	..	..	..	..	..	6797	-	306	306	7103
1998	..	..	..	..	..	6846	-	342	342	7188
1999	..	..	..	..	..	5045	-	252	252	5297
2000	..	..	..	..	..	4358	-	218	218	4576
2001	..	..	..	..	..	5088	-	254	254	5342
2002	..	..	..	..	..	5463	-	273	273	5736
2003	..	..	..	..	..	5050	-	253	253	5303
2004	..	..	..	..	..	6691	-	335	335	7026
2005	..	..	..	..	..	10220	-	511	511	10731
2006	..	..	..	..	..	11162	-	558	558	11720
2007	..	..	..	..	..	10717	-	535	535	11252
2Q2007	..	..	..	..	..	11150	-	557	557	11707
3Q2007	..	..	..	..	..	10535	-	526	526	11061
4Q2007	..	..	..	..	..	10455	-	522	522	10977
1Q2008	..	..	..	..	..	10343	-	517	517	10860
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Consump. Tax	Total Tax	Total Price
1997	16.34	0.45	0.84	1.29	17.63	23.44	0.45	1.19	1.64	25.08
1998	15.56	0.45	0.80	1.25	16.81	22.83	0.45	1.16	1.61	24.44
1999	15.02	0.45	0.77	1.22	16.24	22.61	0.45	1.15	1.60	24.21
2000	14.28	0.45	0.71	1.16	15.44	21.55	0.45	1.08	1.53	23.08
2001	14.30	0.45	0.71	1.16	15.46	21.28	0.45	1.06	1.51	22.79
2002	13.28	0.45	0.66	1.11	14.39	20.36	0.45	1.02	1.47	21.83
2003	12.99	0.43	0.67	1.10	14.09	20.07	0.43	1.03	1.46	21.53
2004	12.67	0.43	0.66	1.08	13.75	19.79	0.43	1.01	1.44	21.22
2005	12.47	0.40	0.64	1.04	13.51	19.40	0.40	0.99	1.39	20.79
2006	12.57	0.40	0.65	1.05	13.62	19.34	0.40	0.99	1.39	20.73
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**JAPAN**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	2005 = 100	2005 = 100		2005 = 100		2005 = 100		
1987	..	89.1	..	123.5	..	88.0	..	..
1988	..	84.2	..	120.6	..	86.0	..	..
1989	..	85.6	..	117.8	..	86.5	..	..
1990	58.1	92.5	..	116.7	..	88.6	..	..
1991	59.6	96.9	..	116.7	..	92.2	..	..
1992	56.0	94.7	..	116.7	..	92.5	..	..
1993	53.5	95.1	..	116.3	..	92.7	..	..
1994	50.8	92.8	..	114.8	..	91.9	..	..
1995	51.0	89.1	..	114.6	..	92.1	..	..
1996	54.0	86.3	..	111.2	..	92.9	..	..
1997	58.2	87.7	..	115.1	..	98.1	..	..
1998	54.7	82.5	..	110.7	..	96.4	..	..
1999	55.6	81.8	..	108.5	..	96.8	..	..
2000	65.4	86.5	..	109.2	..	98.2	..	..
2001	68.9	88.1	..	107.6	..	100.1	..	..
2002	72.4	85.6	..	105.2	..	99.4	..	..
2003	76.4	87.4	..	103.1	..	99.4	..	..
2004	83.0	91.0	..	102.5	..	99.2	..	..
2005	100.0	100.0	..	100.0	..	100.0	..	..
2006	118.6	110.6	..	100.7	..	104.8	..	..
2007	125.8	113.4	..	101.1	..	106.5	..	..
2Q2000	64.1	..	..	..	..	..	..	..
3Q2000	66.2	..	..	..	..	..	..	..
4Q2000	69.2	..	..	..	..	..	..	..
1Q2001	67.6	..	..	..	..	..	..	..
2Q2001	69.3	..	..	..	..	..	..	..
3Q2001	70.6	..	..	..	..	..	..	..
4Q2001	68.0	..	..	..	..	..	..	..
1Q2002	67.4	..	..	..	..	..	..	..
2Q2002	73.1	..	..	..	..	..	..	..
3Q2002	73.4	..	..	..	..	..	..	..
4Q2002	75.7	..	..	..	..	..	..	..
1Q2003	78.5	..	..	102.6	..	98.7	..	..
2Q2003	76.9	..	..	103.1	..	99.5	..	..
3Q2003	75.2	..	..	103.3	..	99.7	..	..
4Q2003	75.0	..	..	103.1	..	99.6	..	..
1Q2004	76.5	..	..	102.9	..	99.4	..	..
2Q2004	80.5	..	..	102.5	..	98.9	..	..
3Q2004	85.7	..	..	102.7	..	98.9	..	..
4Q2004	89.5	..	..	101.9	..	99.3	..	..
1Q2005	87.4	94.5	..	100.8	..	99.6	..	..
2Q2005	97.5	99.0	..	99.4	..	100.0	..	..
3Q2005	104.5	102.2	..	99.3	..	99.6	..	..
4Q2005	110.5	104.4	..	100.6	..	100.7	..	..
1Q2006	113.4	106.6	..	102.2	..	103.1	..	..
2Q2006	118.7	109.9	..	100.6	..	105.0	..	..
3Q2006	125.3	114.5	..	99.9	..	105.7	..	..
4Q2006	116.9	111.5	..	100.2	..	105.5	..	..
1Q2007	112.6	107.1	..	101.4	..	106.1	..	..
2Q2007	122.1	110.0	..	100.8	..	106.2	..	..
3Q2007	129.4	115.3	..	100.6	..	106.2	..	..
4Q2007	139.0	121.3	..	101.6	..	107.6	..	..
1Q2008	145.2	125.4	..	102.7	..	110.5	..	..
2Q2008	..	..	..	..	..	..	..	..

## JAPAN

### GENERAL NOTES

From 4Q84 onwards, prices refer to the second month of the quarter. Prior to 4Q84, prices refer to the first month of each quarter. See individual products for details.

#### General Tax (Consumption Tax)

From	To	%
01.04.89	31.03.97	3
01.04.97	now	5

### OIL PRODUCTS

For import duties on crude oil and oil products, see notes concerning oil imports at the end of Part I.

**Excise Tax:** General petroleum excise tax on all crude oil refined in Japan (rates excluding LPG):

From	To	%	JPY/ kl
01.01.78	31.08.84	3.5	
01.09.84	31.07.88	4.7	
01.08.88	now		2 040

The corresponding amounts are included in the ex-tax price shown, except for automotive diesel and gasoline, where they are shown separately.

The Japanese government only publishes official prices for gasoline and kerosene and only for the Tokyo area based on a survey carried out by the Management Coordination Agency. The Bank of Japan surveys and publishes price indices for various kinds of oil products.

**Sources:** Unless specified otherwise, Economic Research Association, *Weekly Commodity Prices Survey* operated in 32 locations throughout the country. Data reported to the IEA by METI.

### High Sulphur Fuel Oil

Prices refer to unweighted average prices surveyed in Tokyo, Osaka and Nagoya.

#### Specifications

Quality:	Fuel Oil C
Sulphur Content:	3% (maximum)
Density:	0.95 t/kl (assumed)
Delivery:	By road tanker

### Low Sulphur Fuel Oil

Prices refer to unweighted average prices surveyed in Tokyo, Osaka and Nagoya.

#### Specifications

Quality:	Fuel Oil A
Sulphur Content:	1% (maximum)
Assumed Density:	0.95 t/kl

### Heavy Fuel Oil for Electricity Generation

Price shown is average annual expenditure per tonne incurred by the nine major electric power companies.

#### Specifications

Density:	0.95 t/kl (assumed)
Sulphur Content:	0.66% (1987 average) 0.84% (1978 average)

**Source:** METI, based on nine electric utilities.

### Light Fuel Oil for Industry

Prices refer to unweighted average prices surveyed in Tokyo, Osaka and Nagoya.

**Source:** Economic Research Association.

### Light Fuel Oil for Households

The fuel used in Japanese households is almost exclusively kerosene. Prices refer to unweighted average prices surveyed in Tokyo, Osaka and Nagoya.

#### Specifications

Specific Gravity:	0.80 t/kl
Delivery Size:	18-litre containers

### Automotive Diesel

**General Tax (Consumption Tax):** Amounts are only applied to the ex-tax price.

#### Excise Tax

From	To	JPY/ litre
01.06.79	30.11.93	24.3
01.12.93	now	32.1

Prices refer to unweighted average prices surveyed in Tokyo, Osaka and Nagoya.

### Gasoline

**Excise Tax:** As shown in tax column (at present: 45.6 JPY/litre gasoline tax and 8.2 JPY/litre road tax).

Prices refer to the unweighted average price for Tokyo, Osaka and Nagoya.

### Automotive LPG

#### Excise Tax

From	To	JPY/ litre
01.01.70	now	9.8

#### Specifications

Density: 0.56 kg/l

**Source:** The Oil Information Center, The Institute of Energy Economics, Japan.

### NATURAL GAS

**Source:** METI, Tokyo.

### Industry and Households

**Excise Tax:** The following amounts are included in the ex-tax price.

From	To	%	JPY/ tonne
01.09.84	31.07.88	1.2	
01.08.88	30.09.03		720
01.10.03	31.03.05		840
01.04.05	now		960

#### Special Tax

##### Gas Tax

From	To	%
01.01.78	31.03.89	2

The gas sold in Japan is a mix of coal-based gas (0.2%), oil-based gas (6.8% LPG) and natural gas-based gas (93%).

Prices are derived from fiscal year average revenues per  $10^7$  kcal received by three major gas utilities from industry and households. Industry includes commercial and wholesale use.

#### Specifications

GCV: 11 000 kcal/m<sup>3</sup>

### Electricity Generation

Prices are derived from fiscal year average expenditure per  $10^7$  kcal of LNG incurred by the nine major electric utilities.

#### Specifications

GCV: 13 000 kcal/kg

### COAL

### Steam Coal

From 1Q95 onwards, prices refer to imported steam coal prices. Prior to 1Q95, prices refer to weighted averages of import prices and domestic prices.

#### Specifications

Sulphur Content: 0.71% (1984)  
0.56% (1978)  
GCV: 5 375 kcal/kg (domestic)  
6 354 kcal/kg (imported)

**Source:** Monthly Customs Statistics.

### Coking Coal for Industry

From 1Q90 onwards, prices refer to imported coking coal prices. Prior to 1Q90, prices refer to the weighted average of domestic and imported coking coal prices. Domestic prices refer to the average of various free-gate prices to major domestic steel mills, and were adjusted from an original fiscal year to a calendar year base.

#### Specifications

GCV: 6 904 kcal/kg

**Source:** Monthly Customs Statistics, average unit values and volumes for tariff positions 2701.12-011, 2701.12-019, 2701.12-091 and 2701.12-092.

### ELECTRICITY

#### Special Tax

##### Electric Power Source Development Promotion Tax

From	To	JPY/ kWh
01.10.74	30.06.80	0.085
01.07.80	30.09.83	0.3
01.10.83	30.09.03	0.445
01.10.03	31.03.05	0.425
01.04.05	31.03.07	0.4
01.04.07	now	0.375

Prices shown for industry and households are derived from financial year average revenues per kWh

received by the ten major electric power companies under contracts for "power" (industry and commercial) and for "light" (households). After the liberalization of the retail electricity market in 2000, some large companies entered into the market, but the "industry" price shown does not include retailing prices by those companies.

**Sources:** METI, Tokyo. Data published: Annual reports from the 10 major electric power companies.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Sources:** Wholesale: *EDMC Energy Trend*, Institute of Energy Economics. Retail: *Monthly Statistics of Japan*,

Statistics Bureau, Ministry of Internal Affairs and Communications, Japan.

### *Oil Products*

Wholesale: Wholesale price index of petroleum products, Petroleum products total. Data correspond to fiscal year, from 1 April to 31 May.

Retail: Consumer price index, Petroleum products.

### *Electricity*

Retail: Consumer price index, Electricity.

### *Natural Gas*

Retail: Consumer price index, Gas.

## KOREA

Table 1 - Average Prices and Taxes in Korean Wons

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	207627
1998	..	..	..	..	309345	..	..	..	..	239591
1999	..	..	..	..	256566	..	..	..	..	245847
2000	292726	-	29273	29273	321999	283346	-	28335	28335	311681
2001	306720	1824	30855	32679	339399	296126	1824	29795	31619	327745
2002	316469	5483	32195	37678	354147	307147	5483	31263	36746	343893
2003	327472	9134	33661	42795	370266	317399	9134	32653	41787	359186
2004	351217	12184	36340	48524	399742	341052	12184	35324	47508	388560
2005	384203	15824	40003	55827	440030	388794	15837	40463	56301	445095
2006	466945	19486	48643	68129	535074	450088	19486	46957	66443	516531
2007	464212	20703	48492	69195	533407	445370	20703	46607	67311	512681
2Q2007	458769	20703	47947	68651	527420	443880	20703	46458	67162	511042
3Q2007	457692	20703	47840	68543	526235	438290	20703	45899	66603	504893
4Q2007	522368	20703	54307	75011	597378	498268	20703	51897	72601	570868
1Q2008	572612	20703	59331	80035	652646	548596	20703	56930	77633	626229
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Kerosene for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	399600
1998	..	..	..	..	498100	..	..	..	..	517860
1999	..	..	..	..	445175	..	..	..	..	491240
2000	409637	85740	49538	135278	544915	423227	85740	50897	136637	559864
2001	418624	103153	52178	155331	573955	424340	103150	52749	155899	580239
2002	371470	131675	50315	181990	553460	372353	131675	50403	182078	554431
2003	422005	159853	58186	218038	640043	420843	159853	58070	217922	638765
2004	502548	186875	68942	255817	758365	496828	186878	68371	255248	752076
2005	594060	206625	79469	280094	874154	590463	206625	79109	279734	870196
2006	671175	177100	84828	261928	933103	668608	177100	84571	261671	930278
2007	675826	177100	85293	262393	938218	669674	177100	84678	261778	931451
2Q2007	649330	177100	82643	259743	909073	641510	177100	81861	258961	900471
3Q2007	670312	177100	84741	261841	932153	662879	177100	83998	261098	923977
4Q2007	769530	177100	94663	271763	1041293	764567	177100	94167	271267	1035833
1Q2008	847168	72450	91962	164412	1011580	850292	72450	92274	164724	1015017
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	403.50
1998	..	..	..	..	..	..	..	..	..	553.47
1999	..	..	..	..	..	..	..	..	..	521.82
2000	..	..	..	..	..	377.40	179.66	55.71	235.37	612.77
2001	..	..	..	..	..	377.36	208.62	58.60	267.22	644.58
2002	..	..	..	..	..	347.85	268.23	61.61	329.84	677.69
2003	..	..	..	..	..	389.94	316.91	70.69	387.60	777.54
2004	..	..	..	..	..	459.54	365.45	82.50	447.95	907.49
2005	..	..	..	..	..	560.23	419.26	97.95	517.21	1077.44
2006	..	..	..	..	..	637.76	471.58	110.95	582.52	1220.28
2007	..	..	..	..	..	646.06	508.80	115.48	624.29	1270.34
2Q2007	..	..	..	..	..	628.07	494.19	112.22	606.41	1234.48
3Q2007	..	..	..	..	..	645.04	518.78	116.38	635.17	1280.20
4Q2007	..	..	..	..	..	738.74	528.05	126.68	654.73	1393.47
1Q2008	..	..	..	..	..	832.90	505.50	133.84	639.34	1472.24
2Q2008	..	..	..	..	..	..	..	..	..	..



## KOREA

Table 2 - Average Prices and Taxes in Korean Wons

Regular Unleaded (92 RON) Gasoline (per litre)						Premium Leaded/Lead Replacement Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	838.58	..	..	..	..	..
1998	..	..	..	..	1122.58	..	..	..	..	..
1999	..	..	..	..	1191.91	..	..	..	..	..
2000	396.14	738.75	113.49	852.24	1248.38	..	..	..	..	..
2001	419.40	744.24	116.36	860.60	1280.00	..	..	..	..	..
2002	409.63	744.06	115.37	859.43	1269.06	..	..	..	..	..
2003	433.23	743.76	117.70	861.46	1294.69	..	..	..	..	..
2004	497.28	743.68	124.10	867.78	1365.06	..	..	..	..	..
2005	554.52	743.80	129.83	873.63	1428.15	..	..	..	..	..
2006	609.72	743.97	135.37	879.34	1489.06	..	..	..	..	..
2007	641.55	744.55	138.61	883.16	1524.70	..	..	..	..	..
2Q2007	648.21	744.29	139.25	883.54	1531.75	..	..	..	..	..
3Q2007	660.94	744.74	140.57	885.31	1546.25	..	..	..	..	..
4Q2007	708.51	744.88	145.34	890.22	1598.73	..	..	..	..	..
1Q2008	788.01	720.00	150.80	870.80	1658.81	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Regular Leaded Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	350600	40805	-	40805	391405
2005	..	..	..	..	..	358132	43723	-	43723	401855
2006	..	..	..	..	..	406054	65376	-	65376	471430
2007	..	..	..	..	..	440308	71640	-	71640	511948
2Q2007	..	..	..	..	..	410302	71051	-	71051	481352
3Q2007	..	..	..	..	..	467178	71727	-	71727	538905
4Q2007	..	..	..	..	..	482163	72257	-	72257	554419
1Q2008	..	..	..	..	..	464998	72221	-	72221	537219
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	302034	33300	-	33300	335334	432131	40805	47294	88098	520229
2005	332270	43563	-	43563	375833	447736	43723	49146	92869	540605
2006	394750	59399	-	59399	454149	489742	65376	55512	120888	610630
2007	388891	66275	-	66275	455166	530513	71640	60215	131855	662368
2Q2007	338751	66614	-	66614	405365	499940	71051	57099	128150	628090
3Q2007	381010	66772	-	66772	447782	557683	71727	62941	134668	692350
4Q2007	442773	67408	-	67408	510180	573201	72257	64546	136802	710003
1Q2008	506449	67667	-	67667	574117	547703	72221	61992	134214	681916
2Q2008	..	..	..	..	..	..	..	..	..	..

## KOREA

Table 3 - Average Prices and Taxes in Korean Wons

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	40740	..	..	..	..	..
1998	..	..	..	..	44080	..	..	..	..	..
1999	..	..	..	..	55452	..	..	..	..	..
2000	..	..	..	..	62210	..	..	..	..	..
2001	..	..	..	..	62210	..	..	..	..	..
2002	..	..	..	..	62469	..	..	..	..	..
2003	..	..	..	..	65598	..	..	..	..	..
2004	..	..	..	..	62495	..	..	..	..	54543
2005	..	..	..	..	64479	..	..	..	..	56432
2006	..	..	..	..	54853	..	..	..	..	49119
2007	..	..	..	..	65984	..	..	..	..	56055
2Q2007	..	..	..	..	65762	..	..	..	..	53370
3Q2007	..	..	..	..	69156	..	..	..	..	56775
4Q2007	..	..	..	..	70021	..	..	..	..	62913
1Q2008	..	..	..	..	85349	..	..	..	..	74423
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	78452
2005	..	..	..	..	..	..	..	..	..	112530
2006	..	..	..	..	..	..	..	..	..	107902
2007	..	..	..	..	..	..	..	..	..	96501
2Q2007	..	..	..	..	..	..	..	..	..	97496
3Q2007	..	..	..	..	..	..	..	..	..	90855
4Q2007	..	..	..	..	..	..	..	..	..	96488
1Q2008	..	..	..	..	..	..	..	..	..	100298
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	49.86	..	..	..	..	92.05
1998	..	..	..	..	55.01	..	..	..	..	96.60
1999	..	..	..	..	54.78	..	..	..	..	96.41
2000	..	..	..	..	58.30	..	..	..	..	94.72
2001	..	..	..	..	61.56	..	..	..	..	91.57
2002	..	..	..	..	59.02	..	..	..	..	87.01
2003	..	..	..	..	60.30	..	..	..	..	88.00
2004	..	..	..	..	60.23	..	..	..	..	90.94
2005	..	..	..	..	60.25	..	..	..	..	91.07
2006	..	..	..	..	61.92	..	..	..	..	93.70
2007	..	..	..	..	64.56	..	..	..	..	94.78
2Q2007	..	..	..	..	59.73	..	..	..	..	90.52
3Q2007	..	..	..	..	70.39	..	..	..	..	113.21
4Q2007	..	..	..	..	64.08	..	..	..	..	92.00
1Q2008	..	..	..	..	65.04	..	..	..	..	92.24
2Q2008	..	..	..	..	..	..	..	..	..	..

**KOREA**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	2000 = 100	2000 = 100	2000 = 100	2000 = 100	2000 = 100	2000 = 100	2000 = 100	2000 = 100
1987	46.1	34.8	93.2	77.5	75.6	80.2	62.3	63.7
1988	36.4	34.4	85.3	76.9	59.1	68.8	65.7	66.2
1989	32.5	34.4	79.7	73.9	46.7	60.6	67.2	67.3
1990	33.1	34.8	74.7	73.1	59.8	59.3	67.2	68.2
1991	35.6	39.3	74.5	77.8	55.7	58.8	67.1	72.9
1992	37.6	42.5	79.4	86.4	53.3	59.6	67.1	76.4
1993	39.8	45.2	79.8	87.5	46.1	62.0	67.1	79.5
1994	39.6	46.0	79.8	87.5	42.4	60.6	67.1	84.2
1995	42.6	47.2	82.4	87.9	43.4	61.3	67.1	86.6
1996	51.1	54.3	83.5	88.2	51.4	63.3	67.1	88.8
1997	64.3	66.8	86.0	90.4	59.4	68.5	68.2	89.9
1998	88.4	89.0	94.2	98.8	67.9	93.8	75.3	101.1
1999	84.3	90.1	95.1	99.6	67.4	87.6	87.1	100.5
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001	106.0	104.2	103.3	104.6	102.3	118.7	100.0	100.3
2002	107.8	103.4	103.1	103.2	95.5	106.4	100.1	100.3
2003	119.0	109.6	103.0	99.8	108.5	112.0	105.1	102.8
2004	134.2	119.3	101.6	97.2	122.6	115.4	110.5	106.3
2005	150.4	129.0	101.3	96.4	150.0	120.5	120.5	109.5
2006	166.9	..	103.5	..	180.9	..	130.4	..
2007	..	..	..	..	..	..	..	..
2Q2000	93.9	95.4	99.4	99.6	92.8	97.3	100.0	99.9
3Q2000	101.0	101.6	99.4	99.6	103.3	101.5	100.0	99.8
4Q2000	110.6	106.7	102.0	101.3	114.6	107.0	100.0	100.4
1Q2001	107.6	105.9	103.3	104.8	103.9	115.8	100.0	100.4
2Q2001	108.0	106.0	103.3	104.6	110.4	119.4	100.0	100.2
3Q2001	107.3	104.5	103.3	104.5	105.2	120.2	100.0	100.2
4Q2001	100.9	100.4	103.3	104.5	89.9	119.5	100.0	100.3
1Q2002	98.7	98.6	103.3	104.5	83.6	108.9	100.0	100.4
2Q2002	106.8	103.8	103.2	104.4	99.0	105.1	100.0	100.2
3Q2002	109.3	103.4	103.0	101.9	95.8	104.9	100.0	100.2
4Q2002	116.3	107.8	103.0	101.9	103.5	106.5	100.4	100.5
1Q2003	123.4	112.2	103.0	100.4	116.4	109.8	105.0	101.7
2Q2003	114.8	108.5	103.0	99.6	108.9	115.5	105.0	102.7
3Q2003	116.7	107.7	103.0	99.6	104.9	113.3	105.0	102.8
4Q2003	121.2	109.8	103.0	99.6	103.6	109.2	105.4	103.8
1Q2004	129.1	115.8	102.4	99.6	108.5	112.3	110.3	105.8
2Q2004	131.5	117.5	101.3	96.4	117.3	113.7	110.3	106.1
3Q2004	136.0	121.4	101.3	96.4	127.8	113.7	110.3	106.1
4Q2004	140.3	122.5	101.3	96.4	136.9	122.0	111.0	107.3
1Q2005	135.4	121.6	101.3	96.4	127.8	124.0	118.5	109.4
2Q2005	146.2	127.1	101.3	96.4	139.9	115.2	118.5	109.4
3Q2005	158.2	133.0	101.3	96.4	159.8	119.5	118.5	109.3
4Q2005	161.6	134.4	101.3	96.4	172.4	123.3	126.4	109.9
1Q2006	163.2	134.9	103.5	98.6	175.8	131.6	130.4	111.0
2Q2006	170.7	138.8	103.5	98.6	176.9	131.5	130.4	110.9
3Q2006	173.9	139.6	103.5	98.6	190.6	143.9	130.4	111.0
4Q2006	159.7	..	103.5	..	180.4	..	130.4	..
1Q2007	158.0	..	107.1	..	174.4	..	143.4	..
2Q2007	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..

## KOREA

### GENERAL NOTES

#### General Tax (VAT)

From	To	%
01.01.00	now	10

**Sources:** Korea National Oil Corporation (oil products) and Ministry of Commerce, Industry and Energy (natural gas, coal and electricity). Until 2003 the source for steam coal for industry was the Korean Energy Economics Institute.

### OIL PRODUCTS

#### *Heavy Fuel Oil for Electricity Generation*

Prices refer to the agent price.

##### Specifications

Quality:	Bunker Type C 1.0%
Density:	0.944 t/kl (assumed)
NCV:	9 203 kcal/kg

#### *Low Sulphur Fuel Oil*

Price shown refers to the agent price.

##### Specifications

Quality:	Bunker Type C 0.5%
Density:	0.944 t/kl (assumed)
NCV:	9 203 kcal/kg

#### *Light Fuel Oil for Industry*

Price shown refers to the price at service stations.

##### Specifications

Quality:	Heating Oil
Density:	0.87 t/kl (assumed)
NCV:	8 117 kcal/kg

#### *Kerosene for Households*

Price shown refers to the price at service stations.

##### Specifications

Quality:	Kerosene
Density:	0.87 t/kl (assumed)
NCV:	8 356 kcal/kg

#### *Automotive Diesel for Non-Commercial Use*

Price shown refers to the price at service stations.

##### Specifications

Quality:	Diesel 0.003%
Density:	0.84 t/kl (assumed)
NCV:	8 476 kcal/L

#### *Gasoline*

Price shown is refers to price at service stations.

##### Specifications

Grade:	Premium Unleaded 91, 92, 93 RON
Density:	0.74 t/kl (assumed)
NCV:	7 164 kcal/L

### NATURAL GAS

VAT is not included in prices and taxes shown for industry and electricity generation because it is refunded.

#### *Industry and Households*

Prices are derived from average revenues per  $10^7$  kcal received by gas utilities in big cities from industry and households.

##### Specifications

GCV:	10 500 kcal/m <sup>3</sup>
------	----------------------------

#### *Electricity Generation*

Prices are derived from fiscal year average revenues per  $10^7$  kcal received by the major Korean gas utility KOGAS from electricity generation.

##### Specifications

GCV:	10, 064 kcal/m <sup>3</sup>
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### COAL

#### *Steam Coal for Industry*

##### Specifications

Quality:	Anthracite
NCV:	6 600 kcal/kg

## ELECTRICITY

For industry, prices refer to average revenues per kWh for industrial service.

For households, prices refer to average revenues per kWh for residential service.

## ENERGY PRICES INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Bank of Korea, Economic Statistics System.

### *Oil Products*

Wholesale: Producer Price Indices (Basic Groups), Petroleum Products.

Retail: Consumer Price Indices (All Cities, Special Groups), Petroleum Products.

### *Electricity*

Wholesale: Producer Price Indices (Basic Groups), Electric Power Supply.

Retail: Consumer Price Indices (All Cities), Electric Charges.

### *Natural Gas*

Wholesale: Import Price Indices, Liquefied natural gas.

Retail: Consumer Price Indices (All Cities), Piped Natural Gas.

### *Coal*

Wholesale: Producer Price Indices (Basic Groups), Anthracite.

Retail: Consumer Price Indices (All Cities), Coal Briquettes..

**LUXEMBOURG**  
**Table 1 - Average Prices and Taxes in Euro**

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	115.30	6.20	-	6.20	121.49	x	x	x	x	x
1998	97.27	6.20	-	6.20	103.47	x	x	x	x	x
1999	113.98	6.20	-	6.20	120.18	x	x	x	x	x
2000	189.14	6.20	-	6.20	195.34	x	x	x	x	x
2001	167.59	6.20	-	6.20	173.79	x	x	x	x	x
2002	172.59	6.20	-	6.20	178.79	x	x	x	x	x
2003	177.45	13.00	-	13.00	190.45	x	x	x	x	x
2004	156.16	13.00	-	13.00	169.16	x	x	x	x	x
2005	..	..	..	..	..	x	x	x	x	x
2006	..	..	..	..	..	x	x	x	x	x
2007	..	..	..	..	..	x	x	x	x	x
2Q2007	..	..	..	..	..	x	x	x	x	x
3Q2007	..	..	..	..	..	x	x	x	x	x
4Q2007	..	..	..	..	..	x	x	x	x	x
1Q2008	..	..	..	..	..	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	202.18	18.59	-	18.59	220.77	202.18	5.21	24.89	30.09	232.28
1998	164.40	18.59	-	18.59	182.99	164.38	5.21	20.35	25.56	189.94
1999	185.35	18.59	-	18.59	203.94	185.35	5.21	22.86	28.06	213.41
2000	305.70	18.59	-	18.59	324.29	305.70	5.21	37.31	42.51	348.22
2001	277.87	18.59	-	18.59	296.46	277.87	5.21	33.97	39.18	317.05
2002	257.30	18.59	-	18.59	275.89	257.30	5.05	31.48	36.54	293.84
2003	268.58	18.59	-	18.59	287.17	268.58	5.00	32.83	37.83	306.40
2004	313.66	18.59	-	18.59	332.25	313.66	10.00	38.84	48.84	362.50
2005	421.14	21.00	-	21.00	442.14	421.14	10.00	51.74	61.74	482.88
2006	468.60	21.00	-	21.00	489.60	468.60	10.00	57.43	67.43	536.03
2007	471.95	21.00	-	21.00	492.95	471.95	10.00	57.83	67.83	539.79
2Q2007	451.48	21.00	-	21.00	472.48	451.48	10.00	55.38	65.38	516.86
3Q2007	485.23	21.00	-	21.00	506.23	485.23	10.00	59.43	69.43	554.66
4Q2007	541.90	21.00	-	21.00	562.90	541.90	10.00	66.23	76.23	618.13
1Q2008	574.59	21.00	-	21.00	595.59	574.59	10.00	70.15	80.15	654.74
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.228	0.253	-	0.253	0.481	0.228	0.253	0.072	0.325	0.553
1998	0.191	0.253	-	0.253	0.444	0.191	0.253	0.067	0.320	0.511
1999	0.219	0.253	-	0.253	0.472	0.219	0.253	0.071	0.324	0.543
2000	0.347	0.253	-	0.253	0.600	0.347	0.253	0.090	0.343	0.689
2001	0.318	0.253	-	0.253	0.571	0.318	0.253	0.086	0.339	0.656
2002	0.297	0.253	-	0.253	0.549	0.297	0.253	0.083	0.336	0.632
2003	0.302	0.253	-	0.253	0.555	0.302	0.253	0.083	0.336	0.638
2004	0.347	0.253	-	0.253	0.600	0.347	0.253	0.090	0.343	0.690
2005	0.468	0.265	-	0.265	0.733	0.468	0.265	0.110	0.375	0.843
2006	0.520	0.278	-	0.278	0.798	0.520	0.278	0.120	0.398	0.918
2007	0.523	0.290	-	0.290	0.813	0.523	0.290	0.122	0.412	0.935
2Q2007	0.506	0.290	-	0.290	0.796	0.506	0.290	0.119	0.409	0.915
3Q2007	0.529	0.290	-	0.290	0.819	0.529	0.290	0.123	0.413	0.942
4Q2007	0.593	0.290	-	0.290	0.883	0.593	0.290	0.133	0.423	1.016
1Q2008	0.621	0.302	-	0.302	0.923	0.621	0.302	0.138	0.440	1.061
2Q2008	..	..	..	..	..	..	..	..	..	..

## LUXEMBOURG

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.264	0.347	0.073	0.421	0.684	0.254	0.347	0.072	0.419	0.673
1998	0.231	0.347	0.069	0.417	0.648	0.219	0.347	0.068	0.415	0.634
1999	0.264	0.367	0.076	0.443	0.707	0.250	0.368	0.074	0.442	0.692
2000	0.401	0.372	0.093	0.465	0.866	0.367	0.372	0.089	0.461	0.828
2001	0.379	0.372	0.090	0.462	0.841	0.338	0.372	0.085	0.457	0.795
2002	0.360	0.372	0.088	0.460	0.820	0.318	0.372	0.083	0.455	0.773
2003	0.354	0.372	0.087	0.459	0.813	0.323	0.372	0.084	0.456	0.778
2004	0.389	0.442	0.100	0.542	0.931	0.366	0.442	0.097	0.539	0.905
2005	0.476	0.442	0.138	0.580	1.056	0.447	0.442	0.133	0.575	1.022
2006	0.518	0.442	0.144	0.586	1.104	0.499	0.442	0.141	0.583	1.082
2007	0.530	0.462	0.149	0.611	1.141	0.514	0.462	0.146	0.608	1.122
2Q2007	0.558	0.462	0.153	0.615	1.173	0.545	0.462	0.151	0.613	1.158
3Q2007	0.552	0.462	0.152	0.614	1.166	0.526	0.462	0.148	0.610	1.136
4Q2007	0.557	0.462	0.153	0.615	1.172	0.541	0.462	0.150	0.612	1.153
1Q2008	0.571	0.462	0.160	0.622	1.193	0.560	0.462	0.153	0.615	1.175
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	0.312	0.055	0.022	0.077	0.389	..	..	..	..	..
2001	0.281	0.055	0.020	0.075	0.356	..	..	..	..	..
2002	0.275	0.054	0.020	0.074	0.349	..	..	..	..	..
2003	0.297	0.054	0.021	0.075	0.372	..	..	..	..	..
2004	0.314	0.054	0.022	0.076	0.390	..	..	..	..	..
2005	0.354	0.054	0.024	0.078	0.432	..	..	..	..	..
2006	0.389	0.054	0.027	0.081	0.470	..	..	..	..	..
2007	0.411	0.054	0.028	0.082	0.493	..	..	..	..	..
2Q2007	0.388	0.054	0.026	0.080	0.468	..	..	..	..	..
3Q2007	0.407	0.054	0.028	0.082	0.489	..	..	..	..	..
4Q2007	0.476	0.054	0.032	0.086	0.562	..	..	..	..	..
1Q2008	0.472	0.054	0.032	0.086	0.558	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	248.12	-	14.90	14.90	263.02
1998	..	..	..	..	..	233.00	-	13.98	13.98	246.98
1999	..	..	..	..	..	216.46	-	12.99	12.99	229.45
2000	..	..	..	..	..	282.08	-	16.93	16.93	299.01
2001	..	..	..	..	..	316.30	-	18.98	18.98	335.28
2002	..	..	..	..	..	272.95	-	16.37	16.37	289.32
2003	..	..	..	..	..	285.91	-	17.15	17.15	303.07
2004	..	..	..	..	..	279.22	-	16.75	16.75	295.98
2005	..	..	..	..	..	362.65	-	21.76	21.76	384.41
2006	..	..	..	..	..	420.09	-	25.20	25.20	445.30
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## LUXEMBOURG

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	275.91	-	33.12	33.12	309.02	x	x	x	x	x
1998	279.48	-	33.54	33.54	313.02	x	x	x	x	x
1999	285.67	-	34.28	34.28	319.96	x	x	x	x	x
2000	275.58	-	33.07	33.07	308.65	x	x	x	x	x
2001	276.53	-	33.18	33.18	309.72	x	x	x	x	x
2002	282.32	-	33.88	33.88	316.20	x	x	x	x	x
2003	291.42	-	34.97	34.97	326.39	x	x	x	x	x
2004	292.61	-	35.11	35.11	327.72	x	x	x	x	x
2005	301.50	-	36.18	36.18	337.68	x	x	x	x	x
2006	x	x	x	x	x	x	x	x	x	x
2007	x	x	x	x	x	x	x	x	x	x
2Q2007	x	x	x	x	x	x	x	x	x	x
3Q2007	x	x	x	x	x	x	x	x	x	x
4Q2007	x	x	x	x	x	x	x	x	x	x
1Q2008	x	x	x	x	x	x	x	x	x	x
2Q2008	x	x	x	x	x	x	x	x	x	x
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	0.1036	-	0.0062	0.0062	0.1098
1998	..	..	..	..	..	0.1041	-	0.0062	0.0062	0.1103
1999	..	..	..	..	..	0.1046	-	0.0063	0.0063	0.1109
2000	..	..	..	..	..	0.1016	-	0.0061	0.0061	0.1077
2001	..	..	..	..	..	0.1029	-	0.0062	0.0062	0.1091
2002	..	..	..	..	..	0.1118	-	0.0067	0.0067	0.1185
2003	..	..	..	..	..	0.1191	-	0.0071	0.0071	0.1262
2004	..	..	..	..	..	0.1110	-	0.0071	0.0071	0.1181
2005	..	..	..	..	..	0.1311	0.0106	0.0085	0.0191	0.1502
2006	..	..	..	..	..	0.1256	0.0122	0.0082	0.0204	0.1461
2007	..	..	..	..	..	0.1509	0.0080	0.0095	0.0175	0.1684
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..



**LUXEMBOURG**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	..	..	..	..	..	..	..
1997	..	63.1	..	88.0	..	77.3	..	90.5
1998	..	58.6	..	88.1	..	78.1	..	91.9
1999	..	61.2	..	88.4	..	73.7	..	93.2
2000	..	79.9	..	87.3	..	82.8	..	96.1
2001	..	78.6	..	85.3	..	96.1	..	99.4
2002	..	73.4	..	87.4	..	86.9	..	97.0
2003	..	74.8	..	89.9	..	88.4	..	97.0
2004	..	84.3	..	92.0	..	89.3	..	97.3
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	110.4	..	107.0	..	122.9	..	101.3
2007	..	112.2	..	112.7	..	121.4	..	103.5
2Q2000	..	76.6	..	87.3	..	78.2	..	95.6
3Q2000	..	82.4	..	86.9	..	87.1	..	96.0
4Q2000	..	89.2	..	87.0	..	90.5	..	98.2
1Q2001	..	79.2	..	85.0	..	97.8	..	98.2
2Q2001	..	82.4	..	84.5	..	98.5	..	99.4
3Q2001	..	79.6	..	85.9	..	95.3	..	100.0
4Q2001	..	73.1	..	85.8	..	92.7	..	100.0
1Q2002	..	69.8	..	86.4	..	88.5	..	100.0
2Q2002	..	74.0	..	87.2	..	86.4	..	95.4
3Q2002	..	74.1	..	87.9	..	85.6	..	96.1
4Q2002	..	75.8	..	88.0	..	87.0	..	96.5
1Q2003	..	78.3	..	89.1	..	88.0	..	96.5
2Q2003	..	73.8	..	90.2	..	88.0	..	97.1
3Q2003	..	73.9	..	90.1	..	89.1	..	97.1
4Q2003	..	73.2	..	90.1	..	88.6	..	97.1
1Q2004	..	76.7	..	91.9	..	87.9	..	97.1
2Q2004	..	82.4	..	92.0	..	86.5	..	97.1
3Q2004	..	85.9	..	92.0	..	88.6	..	97.3
4Q2004	..	92.3	..	92.0	..	94.3	..	97.7
1Q2005	..	89.4	..	100.0	..	95.7	..	98.9
2Q2005	..	96.3	..	99.4	..	97.6	..	100.4
3Q2005	..	105.5	..	100.0	..	100.1	..	100.4
4Q2005	..	108.7	..	100.6	..	106.6	..	100.4
1Q2006	..	106.4	..	107.0	..	118.2	..	100.8
2Q2006	..	114.2	..	107.0	..	120.2	..	101.5
3Q2006	..	115.7	..	107.0	..	123.7	..	101.5
4Q2006	..	105.5	..	107.1	..	129.5	..	101.5
1Q2007	..	105.1	..	114.0	..	127.4	..	103.0
2Q2007	..	111.0	..	114.6	..	116.6	..	103.0
3Q2007	..	113.4	..	111.1	..	115.9	..	103.6
4Q2007	..	119.4	..	111.1	..	125.6	..	104.3
1Q2008	..	128.4	..	111.1	..	135.7	..	104.8
2Q2008	..	..	..	..	..	..	..	..

# LUXEMBOURG

## GENERAL NOTES

From 4Q89 onwards, prices refer to the weekly average of the quarter. Prior to 4Q89, prices refer to second month of each quarter. See individual products for details.

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded.

From	To	%
01.01.78	31.12.83	5
01.01.84	31.12.92	6
01.01.93	now	15

## OIL PRODUCTS

**Sources:** Ministry of Energy following the specifications of an EC decision of 26 January 1977. Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### High Sulphur Fuel Oil

**Excise Tax:** As shown in excise tax column.

From 1Q94 onwards, high sulphur fuel oil is no longer consumed in industry.

#### Specifications

Density:	0.95 t/kl
Sulphur Content:	1- 3.8%
Delivery Size:	< 24 000 t/year
NCV:	9 650 kcal/kg

### Low Sulphur Fuel Oil

**Excise Tax:** As shown in excise tax column.

#### Specifications

Quality:	Fuel Oil Lourd BTS
Density:	0.95 t/kl
Sulphur Content:	1%
Delivery Size:	< 10 000 t/year
NCV:	9 650 kcal/kg

### Light Fuel Oil

#### General Tax (VAT)

From	To	%
01.01.93	now	12

#### Excise Tax for Industry

Excise tax does not apply to agriculture.

From	To	EUR/ kl	LUF/ kl
01.01.93	31.12.04	18.59	750
01.01.05	now	21.00	

#### Excise Tax for Households

From	To	EUR/ kl	LUF/ kl
01.01.93	28.02.02	5.21	210
01.03.02	31.12.03	5.00	
01.01.04	now	10.00	

#### Specifications

Quality:	Gasoi Chauffage
Density:	0.845 t/kl
Delivery Size:	1.5 - 2 kl
NCV:	10 250 kcal/kg

### Automotive Diesel Oil

**General Tax (VAT):** Applies to non-commercial use. See general notes for Luxembourg.

#### Excise Tax

From	To	EUR/ litre	LUF/ litre
Prior to	31.12.91	0.107	4.30
01.01.92	19.01.92	0.146	5.90
20.01.92	29.03.92	0.154	6.20
30.03.92	30.08.92	0.161	6.50
31.08.92	03.01.93	0.181	7.30
04.01.93	18.07.93	0.206	8.30
19.07.93	12.12.93	0.228	9.20
13.12.93	06.03.94	0.235	9.50
07.03.94	30.06.94	0.242	9.75
01.07.94	02.04.95	0.248	10.00
03.04.95	31.12.04	0.253	10.20
01.01.05	31.12.05	0.265	
01.01.06	31.12.06	0.278	
01.01.07	31.12.07	0.290	
01.01.08	now	0.320	

## Gasoline

### General Tax (VAT)

Leaded Gasoline		
From	To	%
01.01.84	31.12.91	12
01.01.92	09.04.99	15
09.04.99	now	no longer consumed
Unleaded Gasoline		
From	To	%
01.01.84	31.12.91	6
01.01.92	31.12.04	12
01.01.05	now	15

### Excise Tax

Leaded Gasoline			
From	To	EUR/ litre	LUF/ litre
Prior to	31.12.87	0.222	8.96
01.01.88	31.12.91	0.247	9.96
01.01.92	19.01.92	0.277	11.16
20.01.92	02.08.92	0.284	11.46
03.08.92	13.09.92	0.296	11.96
14.09.92	03.01.93	0.309	12.46
04.01.93	18.07.93	0.334	13.46
19.07.93	30.06.94	0.356	14.36
01.07.94	09.10.94	0.393	15.86
10.10.94	10.03.99	0.399	16.11
11.03.99	09.04.99	0.424	17.11
10.04.99	now	no longer consumed	
Unleaded Gasoline			
From	To	EUR/ litre	LUF/ litre
01.01.88	31.12.91	0.222	8.96
01.01.92	03.01.93	0.252	10.16
04.01.93	18.07.93	0.269	10.86
19.07.93	30.06.94	0.304	12.26
01.07.94	09.10.94	0.341	13.76
10.10.94	10.03.99	0.347	14.01
11.03.99	31.12.03	0.372	15.01
01.01.04	31.12.06	0.442	
01.01.07	now	0.462	

### Specifications

Grade and Octane: Premium Unleaded 98 RON  
Premium Unleaded 95 RON

Leaded gasoline has not been sold since 9 April 1999. From 10 April 1999 to 2005 lead replacement gasoline was sold.

## Automotive LPG

Pump Prices.

**Excise tax:** As shown in excise tax column.

## NATURAL GAS

### General Tax (VAT)

From	To	%
01.01.78	31.12.83	5
01.01.84	now	6

Prices shown are representative rates for industry and households.

### Specifications

NCV: 8 700 kcal/m<sup>3</sup> (households)

**Source:** Ministère de l'Economie et du Commerce Extérieur.

## COAL

### Steam Coal for Households

### General Tax (VAT)

From	To	%
01.07.83	31.12.92	6
01.01.93	31.03.06	12
01.04.06	now	no longer consumed

## ELECTRICITY

### General Tax (VAT)

From	To	%
01.01.78	31.12.83	5
01.01.84	now	6

**Excise Tax:** As shown in excise tax column.

Prices shown in main table are average revenues per kWh received by the Luxembourg utilities from all high-voltage customers (industry) and all low-voltage consumers (households).

**Source:** Statistical Office of the European Union, *Energy Statistics Yearbook*.

## ENERGY INDICES

Annual indices are 12-month averages. Quarterly indices refer to three-month average of the quarter.

**Source:** Correspondence with the Statistical Office of Luxembourg (STATEC).

***Oil Products***

Retail: Weighted average of LFO (heating oil) and gasoline.

***Electricity***

Retail: Tariff for household consumers.

***Natural Gas***

Retail: General tariff for natural gas.

***Coal***

Retail: Minimal consumption.

## MEXICO

Table 1 - Average Prices and Taxes in Mexican Pesos

High Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	705.49	-	-	-	705.49	689.41	-	-	-	689.41
1998	596.15	-	-	-	596.15	603.26	-	-	-	603.26
1999	762.60	-	-	-	762.60	752.29	-	-	-	752.29
2000	1181.46	-	-	-	1181.46	1180.30	-	-	-	1180.30
2001	1019.82	-	-	-	1019.82	1020.98	-	-	-	1020.98
2002	1158.38	-	-	-	1158.38	1143.04	-	-	-	1143.04
2003	1510.32	-	-	-	1510.32	1499.93	-	-	-	1499.93
2004	1635.69	-	-	-	1635.69	1625.80	-	-	-	1625.80
2005	1970.92	-	-	-	1970.92	1937.60	-	-	-	1937.60
2006	2786.06	-	-	-	2786.06	2760.51	-	-	-	2760.51
2007	2834.26	-	-	-	2834.26	2759.54	-	-	-	2759.54
2Q2007	2554.15	-	-	-	2554.15	2482.55	-	-	-	2482.55
3Q2007	2992.55	-	-	-	2992.55	2915.21	-	-	-	2915.21
4Q2007	3541.94	-	-	-	3541.94	3396.92	-	-	-	3396.92
1Q2008	4152.43	-	-	-	4152.43	4144.31	-	-	-	4144.31
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	830.89	-	-	-	830.89	..	..	..	..	..
1998	636.48	-	-	-	636.48	..	..	..	..	..
1999	892.19	-	-	-	892.19	..	..	..	..	..
2000	1356.37	-	-	-	1356.37	..	..	..	..	..
2001	1202.03	-	-	-	1202.03	..	..	..	..	..
2002	1422.90	-	-	-	1422.90	..	..	..	..	..
2003	1887.44	-	-	-	1887.44	..	..	..	..	..
2004	2168.98	-	-	-	2168.98	..	..	..	..	..
2005	2806.70	-	-	-	2806.70	..	..	..	..	..
2006	3393.55	-	-	-	3393.55	..	..	..	..	..
2007	3625.52	-	-	-	3625.52	..	..	..	..	..
2Q2007	3338.86	-	-	-	3338.86	..	..	..	..	..
3Q2007	3687.37	-	-	-	3687.37	..	..	..	..	..
4Q2007	4487.83	-	-	-	4487.83	..	..	..	..	..
1Q2008	4962.79	-	-	-	4962.79	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1.5175	0.5799	-	0.5799	2.0975	1.5175	0.5799	0.3066	0.8865	2.4041
1998	1.2998	1.1797	-	1.1797	2.4795	1.2998	1.1797	0.3638	1.5434	2.8433
1999	1.6078	1.6602	-	1.6602	3.2681	1.6078	1.6602	0.4789	2.1391	3.7470
2000	2.4996	1.1374	-	1.1374	3.6369	2.4996	1.1374	0.5322	1.6695	4.1691
2001	2.3467	1.5859	-	1.5859	3.9326	2.3467	1.5859	0.5757	2.1615	4.5083
2002	2.1617	1.9796	-	1.9796	4.1413	2.1617	1.9796	0.6067	2.5863	4.7480
2003	2.8780	1.4163	-	1.4163	4.2942	2.8780	1.4163	0.6271	2.0433	4.9213
2004	3.7331	0.6931	-	0.6931	4.4262	3.7331	0.6931	0.6449	1.3380	5.0711
2005	4.5013	0.0580	-	0.0580	4.5593	4.5013	0.0580	0.6630	0.7211	5.2224
2006	4.7370	-	-	-	4.7370	4.7180	-	0.7080	0.7080	5.4260
2007	5.0948	-	-	-	5.0948	5.0661	-	0.7599	0.7599	5.8261
2Q2007	5.0689	-	-	-	5.0689	5.0388	-	0.7558	0.7558	5.7946
3Q2007	5.1301	-	-	-	5.1301	5.1090	-	0.7664	0.7664	5.8754
4Q2007	5.1563	-	-	-	5.1563	5.1361	-	0.7704	0.7704	5.9066
1Q2008	5.1946	-	-	-	5.1946	5.1707	-	0.7756	0.7756	5.9463
2Q2008	..	..	..	..	..	..	..	..	..	..

## MEXICO

Table 2 - Average Prices and Taxes in Mexican Pesos

Premium Unleaded (95 RON) Gasoline (per litre)						Regular Unleaded (92 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2.0618	0.8911	0.4429	1.3340	3.3958	1.7161	0.9768	0.3861	1.3630	3.0791
1998	1.9590	1.5157	0.5031	2.0189	3.9779	1.5438	1.6049	0.4584	2.0633	3.6071
1999	2.2399	2.1137	0.6301	2.7438	4.9836	1.8233	2.1223	0.5747	2.6971	4.5204
2000	3.1542	1.7267	0.7056	2.4323	5.5865	2.7238	1.6653	0.6385	2.3038	5.0275
2001	2.9804	2.3349	0.7698	3.1047	6.0850	2.5859	2.1561	0.6903	2.8464	5.4323
2002	2.8330	2.7702	0.8159	3.5862	6.4192	2.4826	2.5018	0.7273	3.2290	5.7117
2003	3.5745	2.1975	0.8467	3.0442	6.6187	3.1909	1.8751	0.7382	2.6133	5.8042
2004	4.7604	1.4591	0.9102	2.3694	7.1298	4.2489	1.0434	0.7679	1.8113	6.0602
2005	5.6867	0.8217	0.9504	1.7721	7.4587	5.0719	0.4962	0.8074	1.3037	6.3756
2006	6.5570	0.2840	1.0050	1.2890	7.8460	5.6640	0.1310	0.8550	0.9860	6.6500
2007	7.3762	-	1.1064	1.1064	8.4826	6.0367	-	0.9055	0.9055	6.9422
2Q2007	7.3343	-	1.1002	1.1002	8.4345	6.0216	-	0.9032	0.9032	6.9249
3Q2007	7.4188	-	1.1128	1.1128	8.5317	6.0975	-	0.9146	0.9146	7.0121
4Q2007	7.5233	-	1.1285	1.1285	8.6518	6.1258	-	0.9189	0.9189	7.0447
1Q2008	7.6328	-	1.1449	1.1449	8.7777	6.1596	-	0.9239	0.9239	7.0836
2Q2008	..	..	..	..	..	..	..	..	..	..
Regular Leaded Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2.6058	-	0.3906	0.3906	2.9967	787.19	-	-	-	787.19
1998	..	..	..	..	..	744.88	-	-	-	744.88
1999	..	..	..	..	..	843.21	-	-	-	843.21
2000	..	..	..	..	..	1418.28	-	-	-	1418.28
2001	..	..	..	..	..	1527.11	-	-	-	1527.11
2002	..	..	..	..	..	1185.32	-	-	-	1185.32
2003	..	..	..	..	..	2214.71	-	-	-	2214.71
2004	..	..	..	..	..	3392.06	-	-	-	3392.06
2005	..	..	..	..	..	3889.13	-	-	-	3889.13
2006	..	..	..	..	..	3741.57	-	-	-	3741.57
2007	..	..	..	..	..	3793.16	-	-	-	3793.16
2Q2007	..	..	..	..	..	4159.83	-	-	-	4159.83
3Q2007	..	..	..	..	..	3478.56	-	-	-	3478.56
4Q2007	..	..	..	..	..	3783.56	-	-	-	3783.56
1Q2008	..	..	..	..	..	4485.99	-	-	-	4485.99
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	787.19	-	-	-	787.19	..	..	..	..	..
1998	744.88	-	-	-	744.88	..	..	..	..	..
1999	843.21	-	-	-	843.21	..	..	..	..	..
2000	1418.28	-	-	-	1418.28	..	..	..	..	..
2001	1527.11	-	-	-	1527.11	..	..	..	..	..
2002	1185.32	-	-	-	1185.32	..	..	..	..	..
2003	2214.71	-	-	-	2214.71	..	..	..	..	..
2004	3102.12	-	-	-	3102.12	5355.22	-	803.28	803.28	6158.50
2005	3961.39	-	-	-	3961.39	5983.47	-	897.52	897.52	6880.98
2006	3702.49	-	-	-	3702.49	5898.73	-	884.81	884.81	6783.54
2007	3456.47	-	-	-	3456.47	6001.15	-	900.17	900.17	6901.32
2Q2007	3678.15	-	-	-	3678.15	6389.86	-	958.48	958.48	7348.34
3Q2007	3602.43	-	-	-	3602.43	5714.26	-	857.14	857.14	6571.40
4Q2007	3223.91	-	-	-	3223.91	6044.06	-	906.61	906.61	6950.67
1Q2008	3820.86	-	-	-	3820.86	6742.61	-	1011.39	1011.39	7754.00
2Q2008	..	..	..	..	..	..	..	..	..	..

## MEXICO

Table 3 - Average Prices and Taxes in Mexican Pesos

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	213.03	-	-	-	213.03
1998	x	x	x	x	x	237.24	-	-	-	237.24
1999	x	x	x	x	x	274.82	-	-	-	274.82
2000	x	x	x	x	x	300.80	-	-	-	300.80
2001	x	x	x	x	x	317.18	-	-	-	317.18
2002	x	x	x	x	x	325.54	-	-	-	325.54
2003	x	x	x	x	x	346.46	-	-	-	346.46
2004	x	x	x	x	x	419.01	-	-	-	419.01
2005	x	x	x	x	x	446.18	-	-	-	446.18
2006	x	x	x	x	x	461.72	-	-	-	461.72
2007	x	x	x	x	x	501.85	-	-	-	501.85
2Q2007	x	x	x	x	x	484.43	-	-	-	484.43
3Q2007	x	x	x	x	x	503.70	-	-	-	503.70
4Q2007	x	x	x	x	x	546.85	-	-	-	546.85
1Q2008	x	x	x	x	x	563.22	-	-	-	563.22
2Q2008	x	x	x	x	x	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	..	..	..	..	..
1998	x	x	x	x	x	..	..	..	..	..
1999	x	x	x	x	x	..	..	..	..	..
2000	x	x	x	x	x	..	..	..	..	..
2001	x	x	x	x	x	..	..	..	..	..
2002	x	x	x	x	x	..	..	..	..	..
2003	x	x	x	x	x	..	..	..	..	..
2004	x	x	x	x	x	..	..	..	..	..
2005	x	x	x	x	x	..	..	..	..	..
2006	x	x	x	x	x	..	..	..	..	..
2007	x	x	x	x	x	..	..	..	..	..
2Q2007	x	x	x	x	x	..	..	..	..	..
3Q2007	x	x	x	x	x	..	..	..	..	..
4Q2007	x	x	x	x	x	..	..	..	..	..
1Q2008	x	x	x	x	x	..	..	..	..	..
2Q2008	x	x	x	x	x	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.3226	-	-	-	0.3226	0.3752	-	0.0563	0.0563	0.4315
1998	0.3476	-	-	-	0.3476	0.4367	-	0.0655	0.0655	0.5023
1999	0.3974	-	-	-	0.3974	0.4927	-	0.0739	0.0739	0.5666
2000	0.4808	-	-	-	0.4808	0.5613	-	0.0842	0.0842	0.6455
2001	0.4940	-	-	-	0.4940	0.6102	-	0.0915	0.0915	0.7017
2002	0.5420	-	-	-	0.5420	0.7750	-	0.1162	0.1162	0.8912
2003	0.6739	-	-	-	0.6739	0.8535	-	0.1280	0.1280	0.9815
2004	0.8737	-	-	-	0.8737	0.8835	-	0.1325	0.1325	1.0160
2005	0.9561	-	-	-	0.9561	0.9201	-	0.1380	0.1380	1.0581
2006	1.0790	-	-	-	1.0790	0.9549	-	0.1432	0.1432	1.0981
2007	1.1158	-	-	-	1.1158	0.8839	-	0.1326	0.1326	1.0165
2Q2007	1.0455	-	-	-	1.0455	0.8568	-	0.1285	0.1285	0.9853
3Q2007	1.1217	-	-	-	1.1217	0.8176	-	0.1226	0.1226	0.9403
4Q2007	1.1994	-	-	-	1.1994	0.8983	-	0.1347	0.1347	1.0330
1Q2008	1.2069	-	-	-	1.2069	1.0112	-	0.1517	0.1517	1.1629
2Q2008	..	..	..	..	..	..	..	..	..	..

# MEXICO

## GENERAL NOTES

From 1 January 1993 onwards, the new peso (equal to 1000 pesos) was introduced. All prices and taxes presented reflect this change.

**General Tax (VAT):** VAT is included in all retail prices. VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel (for commercial use) because it is refunded on purchases for commercial purposes.

From	To	%
01.01.80	31.12.82	10
01.01.83	11.09.91	15
11.10.91	31.03.95	10
01.04.95	now	15

**Sources:** Comisión Federal de Electricidad. Data published: *Precios Internos y Externos de Referencia de los Principales Energeticos* 1970-2001, 14<sup>th</sup> Edition, 2003.

## OIL PRODUCTS

### Heavy Fuel Oil

Prices refer to national average price.

#### Specifications

Quality:	Combustoleo pesado
Density:	0.982 t/kl
Sulphur Content:	4.0% (maximum)
NCV:	10 139 kcal/kg

### Light Fuel Oil for Industry

#### Specifications

Density:	0.852 t/kl
NCV:	10 849 kcal/kg
Quality:	

From	To	Denomination
01.01.60	31.05.93	Diesel Nacional
01.06.93	31.10.99	Diesel Industrial Desulfurado
01.11.99	now	Diesel Industrial Bajo Azufre

#### Sulphur Content:

From	To	%
01.01.60	31.05.93	2.0 (max.)
01.06.93	31.10.99	0.5 (max.)
01.11.99	now	0.05 (max.)

### Automotive Diesel

#### Excise Tax

*IEPS (Impuesto Especial de Productos y Servicios):* As shown in the excise tax column. Prices refer to national average price.

#### Specifications

Density:	0.852 t/kl
Cetane Index:	48 (min.) (commercial use)
NCV:	10 849 kcal/kg

#### Quality:

From	To	Quality
01.01.60	30.04.90	Diesel Nacional
01.05.90	30.09.93	Diesel Automotriz Desulfurado
01.10.93	31.08.96	Diesel SIN
01.09.96	now	Pemex Diesel

#### Sulphur Content:

From	To	Non-	
		Commercial	Commercial
01.01.60	30.04.90	0.5	2.0 (max.)
01.05.90	31.10.99	0.5	0.5 (max.)
01.11.99	now	0.05 (max.)	0.05 (max.)

### Gasoline

#### Excise Tax

*IEPS (Impuesto Especial de Productos y Servicios):* Included in ex-tax price. Prices refer to national average price.

#### Specifications

<i>Premium Unleaded, Pemex Premium</i>	
Octane:	92 PON (minimum)*
Sulphur Content:	0.05% (maximum)
Density:	0.707 t/kl

*Regular Unleaded, Regular Unleaded Extra and Magna*

Octane:	87 PON (minimum)*
Sulphur Content:	0.10% (maximum)
Density:	0.729 t/kl

\* PON is the average of the RON and the MON.

**Source:** Sistema de Información Energética (SIE), Secretaría de Energía.



## NATURAL GAS

Prices refer to national average price.

### Specifications

(PEMEX conditions: 20°C and 1kg/cm<sup>2</sup>)

Quality:	Gas natural
Density:	0.602 kg/m <sup>3</sup>
NCV:	8 460 kcal/m <sup>3</sup>
GCV:	9 400 kcal/m <sup>3</sup>

**Source:** Comisión Reguladora de Energía.

## COAL

### Steam Coal for Electricity Generation

Prices refer to the amount that Comisión Federal de Electricidad (CFE) pays to Minera Carbonífera Río Escondido (MICARE), excluding the cost of handling and disposal of ashes ("manejo de cenizas"):

Year	MXN/ tonne	Year	MXN/ tonne
1991	13.915	1997	24.58
1992	9.33	1998	30.45
1993	9.33	1999	33.64
1994	9.33	2000	33.72
1995	13.76	2001	36.77
1996	17.29		

### Specifications

Quality:	Carbón MICARE, sub-bituminous coal
Humidity:	4.16%
Ash Content:	38.55% (weight)
Sulphur Content:	1.01%
NCV:	4 575 kcal/kg

**Source:** Comisión Federal de Electricidad.

## ELECTRICITY

**Source:** Sistema de Información Energética (SIE), Secretaría de Energía.

### Industry

Prices refer to implicit average prices from electricity sales to the industrial sector.

The ex-tax price refers to the final price paid for industrial customers, excluding VAT. At present, six tariffs are in use. Prior to January 1984, four different tariffs were in use.

### Households

Prices refer to implicit average prices from electricity sales to the residential sector, including VAT.

**NETHERLANDS**  
**Table 1 - Average Prices and Taxes in Euro**

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	132.62	30.21	-	30.21	162.83	x	x	x	x	x
1998	116.56	30.21	-	30.21	146.77	x	x	x	x	x
1999	134.75	30.52	-	30.52	165.27	x	x	x	x	x
2000	205.98	30.77	-	30.77	236.75	x	x	x	x	x
2001	187.79	31.04	-	31.04	218.83	x	x	x	x	x
2002	188.66	31.53	-	31.53	220.19	x	x	x	x	x
2003	203.31	32.11	-	32.11	235.42	x	x	x	x	x
2004	191.40	32.51	-	32.51	223.91	x	x	x	x	x
2005	254.58	32.11	-	32.11	286.69	x	x	x	x	x
2006	296.75	32.11	-	32.11	328.86	x	x	x	x	x
2007	297.65	32.11	-	32.11	329.76	x	x	x	x	x
2Q2007	274.33	32.11	-	32.11	306.44	x	x	x	x	x
3Q2007	311.40	32.11	-	32.11	343.51	x	x	x	x	x
4Q2007	357.04	32.11	-	32.11	389.15	x	x	x	x	x
1Q2008	399.81	32.11	-	32.11	431.92	x	x	x	x	x
2Q2008	373.28	32.11	-	32.11	405.39	x	x	x	x	x
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	90.57	-	90.57	..	215.71	90.57	53.60	144.18	359.88
1998	..	103.10	-	103.10	..	185.39	103.11	50.49	153.60	338.99
1999	..	122.43	-	122.43	..	212.58	122.40	58.62	181.02	393.60
2000	..	144.30	-	144.30	..	332.47	144.30	83.44	227.74	560.20
2001	..	184.87	-	184.87	..	326.94	184.87	97.25	282.11	609.05
2002	..	197.70	-	197.70	..	282.73	197.70	91.28	288.98	571.71
2003	..	202.38	-	202.38	..	301.72	202.38	95.78	298.16	599.88
2004	..	207.17	-	207.17	..	347.53	207.17	105.39	312.56	660.09
2005	..	213.60	-	213.60	..	468.70	213.60	129.64	343.24	811.94
2006	..	215.05	-	215.05	..	525.49	215.05	140.70	355.75	881.25
2007	..	217.67	-	217.67	..	529.11	217.67	141.89	359.56	888.66
2Q2007	..	217.67	-	217.67	..	517.50	217.67	139.68	357.35	874.85
3Q2007	..	217.67	-	217.67	..	535.65	217.67	143.13	360.80	896.45
4Q2007	..	217.67	-	217.67	..	581.46	217.67	151.83	369.50	950.96
1Q2008	..	220.16	-	220.16	..	618.66	220.16	159.38	379.54	998.20
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.252	0.329	-	0.329	0.581	0.252	0.329	0.102	0.430	0.682
1998	0.216	0.339	-	0.339	0.555	0.216	0.339	0.097	0.437	0.653
1999	0.247	0.346	-	0.346	0.593	0.247	0.346	0.104	0.450	0.697
2000	0.368	0.352	-	0.352	0.719	0.368	0.352	0.126	0.477	0.845
2001	0.346	0.342	-	0.342	0.689	0.346	0.342	0.131	0.473	0.820
2002	0.320	0.344	-	0.344	0.664	0.320	0.344	0.126	0.470	0.790
2003	0.324	0.344	-	0.344	0.668	0.324	0.344	0.127	0.471	0.795
2004	0.388	0.367	-	0.367	0.755	0.380	0.367	0.142	0.509	0.889
2005	0.488	0.371	-	0.371	0.860	0.488	0.371	0.163	0.535	1.023
2006	0.542	0.371	-	0.371	0.913	0.542	0.371	0.174	0.545	1.087
2007	0.545	0.377	-	0.377	0.922	0.545	0.377	0.175	0.553	1.098
2Q2007	0.528	0.377	-	0.377	0.905	0.528	0.377	0.172	0.549	1.077
3Q2007	0.552	0.377	-	0.377	0.929	0.552	0.377	0.177	0.554	1.106
4Q2007	0.614	0.377	-	0.377	0.991	0.614	0.377	0.188	0.566	1.179
1Q2008	0.616	0.413	-	0.413	1.029	0.616	0.413	0.195	0.608	1.224
2Q2008	..	..	..	..	..	..	..	..	..	..

## NETHERLANDS

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.291	0.550	0.147	0.697	0.988	0.272	0.550	0.144	0.694	0.966
1998	0.262	0.575	0.147	0.722	0.984	0.241	0.575	0.143	0.718	0.959
1999	0.290	0.587	0.153	0.740	1.030	0.268	0.587	0.150	0.736	1.004
2000	0.428	0.599	0.180	0.779	1.208	0.390	0.597	0.173	0.770	1.160
2001	0.399	0.611	0.192	0.803	1.202	0.358	0.607	0.183	0.790	1.148
2002	0.385	0.632	0.193	0.825	1.210	0.333	0.628	0.183	0.811	1.144
2003	0.380	0.638	0.193	0.831	1.211	0.336	0.638	0.185	0.823	1.159
2004	0.424	0.667	0.207	0.874	1.298	0.385	0.667	0.200	0.867	1.252
2005	0.506	0.676	0.225	0.901	1.406	0.460	0.676	0.216	0.892	1.352
2006	0.561	0.676	0.235	0.911	1.473	0.512	0.676	0.226	0.902	1.415
2007	0.593	0.687	0.243	0.930	1.523	0.539	0.687	0.233	0.920	1.459
2Q2007	0.622	0.687	0.249	0.936	1.558	0.568	0.687	0.239	0.926	1.494
3Q2007	0.608	0.687	0.246	0.933	1.541	0.554	0.687	0.236	0.923	1.477
4Q2007	0.619	0.687	0.248	0.935	1.555	0.563	0.687	0.237	0.924	1.487
1Q2008	0.634	0.697	0.253	0.950	1.584	0.582	0.697	0.243	0.940	1.523
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	116.81	9.55	-	9.55	126.36
1998	..	..	..	..	..	110.05	9.67	-	9.67	119.72
1999	..	..	..	..	..	99.66	9.93	-	9.93	109.59
2000	0.322	0.064	0.068	0.132	0.454	170.43	10.26	-	10.26	180.69
2001	0.297	0.069	0.069	0.138	0.435	185.50	10.63	-	10.63	196.13
2002	0.296	0.065	0.069	0.134	0.430	163.54	10.95	-	10.95	174.49
2003	0.311	0.055	0.070	0.125	0.436	185.41	11.38	-	11.38	196.79
2004	0.335	0.055	0.074	0.129	0.464	..	..	..	..	..
2005	0.373	0.055	0.081	0.136	0.510	..	..	..	..	..
2006	0.423	0.055	0.091	0.146	0.568	..	..	..	..	..
2007	0.443	0.055	0.095	0.150	0.592	..	..	..	..	..
2Q2007	0.425	0.055	0.091	0.146	0.571	..	..	..	..	..
3Q2007	0.436	0.055	0.093	0.148	0.584	..	..	..	..	..
4Q2007	0.499	0.055	0.105	0.160	0.660	..	..	..	..	..
1Q2008	0.508	0.055	0.107	0.162	0.670	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	106.83	7.62	-	7.62	114.45	263.81	32.37	51.84	84.21	348.02
1998	102.05	7.62	-	7.62	109.67	259.08	42.51	52.78	95.29	354.37
1999	..	..	..	..	..	231.18	63.66	51.59	115.25	346.43
2000	..	..	..	..	..	252.28	79.55	58.09	137.63	389.91
2001	..	..	..	..	..	278.63	98.17	71.59	169.76	448.40
2002	..	..	..	..	..	304.53	103.05	77.44	180.49	485.01
2003	..	..	..	..	..	339.15	108.89	85.13	194.01	533.16
2004	..	..	..	..	..	348.79	112.93	87.73	200.66	549.45
2005	..	..	..	..	..	420.78	120.67	102.88	223.54	644.33
2006	..	..	..	..	..	480.85	121.70	114.48	236.19	717.03
2007	..	..	..	..	..	508.90	123.74	120.20	243.94	752.84
2Q2007	..	..	..	..	..	527.66	123.74	123.76	247.50	775.16
3Q2007	..	..	..	..	..	490.51	123.74	116.71	240.44	730.95
4Q2007	..	..	..	..	..	489.85	123.74	116.58	240.32	730.16
1Q2008	..	..	..	..	..	500.79	184.87	130.28	315.15	815.94
2Q2008	..	..	..	..	..	..	..	..	..	..

## NETHERLANDS

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0557	-	-	-	0.0557	0.0873	0.0103	0.0171	0.0275	0.1148
1998	0.0561	-	-	-	0.0562	0.0877	0.0103	0.0172	0.0275	0.1152
1999	0.0561	0.0011	-	0.0011	0.0572	0.0884	0.0173	0.0185	0.0358	0.1242
2000	0.0596	0.0024	-	0.0024	0.0619	0.0938	0.0273	0.0212	0.0484	0.1422
2001	0.0593	0.0062	-	0.0062	0.0655	0.0927	0.0432	0.0258	0.0690	0.1617
2002	c	c	c	c	c	0.0933	0.0448	0.0262	0.0710	0.1643
2003	c	c	c	c	c	0.0954	0.0486	0.0274	0.0760	0.1714
2004	c	c	c	c	c	0.1015	0.0501	0.0263	0.0764	0.1779
2005	c	c	c	c	c	0.1100	0.0500	0.0300	0.0800	0.1900
2006	c	c	c	c	c	0.1214	0.0541	0.0301	0.0842	0.2056
2007	c	c	c	c	c	0.1368	0.0380	0.0332	0.0712	0.2080
2Q2007	c	c	c	c	c	0.1379	0.0380	0.0334	0.0714	0.2093
3Q2007	c	c	c	c	c	0.1361	0.0380	0.0331	0.0711	0.2072
4Q2007	c	c	c	c	c	0.1361	0.0380	0.0331	0.0711	0.2072
1Q2008	c	c	c	c	c	0.1291	0.0064	0.0257	0.0321	0.1612
2Q2008	c	c	c	c	c	..	..	..	..	..

**NETHERLANDS**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale 2000 = 100	Retail 2000 = 100	Wholesale 2000 = 100	Retail 2000 = 100	Wholesale	Retail 2000 = 100	Wholesale	Retail
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	77.9	..	77.3	..	80.2	..	..
1997	..	82.6	..	79.6	..	90.9	..	..
1998	..	81.2	..	79.9	..	91.6	..	..
1999	..	85.5	..	85.5	..	88.9	..	..
2000	100.0	99.8	100.0	99.7	..	99.7	..	..
2001	91.0	99.2	98.0	112.2	..	116.4	..	..
2002	85.0	98.2	94.0	115.1	..	125.5	..	..
2003	87.0	99.4	99.0	118.2	..	139.1	..	..
2004	102.0	107.3	96.0	123.2	..	143.4	..	..
2005	133.3	117.2	110.0	133.9	..	168.7	..	..
2006	151.4	122.7	140.2	144.0	..	187.0	..	..
2007	153.3	126.6	145.3	148.2	..	196.2	..	..
2Q2000	93.7	99.7	98.7	99.2	..	97.0	..	..
3Q2000	106.3	103.2	100.7	100.6	..	102.3	..	..
4Q2000	114.0	101.9	103.3	101.9	..	102.3	..	..
1Q2001	94.3	100.0	98.3	115.8	..	113.8	..	..
2Q2001	99.7	104.4	95.7	108.2	..	113.8	..	..
3Q2001	91.7	99.0	99.3	113.0	..	119.1	..	..
4Q2001	77.7	93.3	100.0	111.7	..	119.1	..	..
1Q2002	78.7	95.3	92.3	113.0	..	124.4	..	..
2Q2002	85.6	99.5	91.7	113.0	..	124.4	..	..
3Q2002	87.3	99.7	94.7	117.2	..	126.0	..	..
4Q2002	88.7	98.2	96.7	117.2	..	127.2	..	..
1Q2003	101.0	102.7	99.0	117.6	..	136.5	..	..
2Q2003	78.7	97.7	95.0	118.2	..	136.5	..	..
3Q2003	83.3	99.3	99.7	118.5	..	141.6	..	..
4Q2003	84.3	97.9	103.7	118.6	..	141.6	..	..
1Q2004	86.3	102.6	96.7	122.9	..	142.6	..	..
2Q2004	98.3	108.0	92.7	122.9	..	142.6	..	..
3Q2004	108.7	109.6	97.0	123.5	..	144.1	..	..
4Q2004	112.7	107.7	99.3	123.5	..	144.2	..	..
1Q2005	108.0	109.2	103.0	133.4	..	166.6	..	..
2Q2005	126.3	115.2	103.7	133.4	..	166.6	..	..
3Q2005	153.7	124.2	110.0	134.2	..	170.2	..	..
4Q2005	145.3	120.1	123.3	134.5	..	171.2	..	..
1Q2006	149.0	120.8	146.3	142.2	..	185.8	..	..
2Q2006	163.3	127.6	132.0	142.3	..	185.8	..	..
3Q2006	160.3	125.9	140.0	145.6	..	188.0	..	..
4Q2006	133.0	116.6	142.7	146.0	..	188.2	..	..
1Q2007	133.0	119.4	142.3	148.3	..	202.0	..	..
2Q2007	155.7	128.7	142.3	148.6	..	202.0	..	..
3Q2007	154.3	127.5	137.7	147.8	..	190.5	..	..
4Q2007	170.3	130.8	158.7	148.3	..	190.4	..	..
1Q2008	176.7	133.3	156.7	123.7	..	217.3	..	..
2Q2008	..	..	..	..	..	..	..	..

# NETHERLANDS

## GENERAL NOTES

From 1Q84 onwards, prices refer to the daily averages of the quarter. Prior to 1Q84, prices refer to the first month of the quarter. See individual products for details.

**General Tax (VAT):** VAT is not included in prices and taxes when it is refunded. See individual products for details.

From	To	%
01.01.78	31.12.83	18.0
01.01.84	30.09.86	19.0
01.10.86	31.12.88	20.0
01.01.89	30.09.92	18.5
01.10.92	31.12.00	17.5
01.01.01	now	19.0

## OIL PRODUCTS

**General Tax (VAT):** Applies to households and non-commercial use. See general notes for the Netherlands.

**Excise Tax:** As shown in excise tax column.

### Special Tax

**COVA (Compulsory Storage Fee):** The COVA is included in prices and in taxes.

**Sources:** Unless specified otherwise, Ministry of Economic Affairs following specifications of an EEC decision of 26 January 1977. Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### Heavy Fuel Oil for Industry

#### Special Tax

**COVA (Compulsory Storage Fee):** From 1 April 2001 onwards, it is no longer applied. Between 1 January 1987 to 1 April 2001 the amount is nil.

#### Specifications

Viscosity:	3 500 sec/370 cst. (up to 4Q03) 420 cSt (1Q04 onwards)
Sulphur Content:	< 1% (1Q97 onwards) < 2% (prior to 4Q96)
Density:	0.94 t/kl
Delivery Size:	25 000 t/year (by truck)
NCV:	9 760 kcal/kg

### Light Fuel Oil for Industry

Only taxes are available.

### Light Fuel Oil for Households

Reported list prices cover about 95% of heating oil market for private consumers.

#### Specifications

Quality:	HBO I
Density:	0.84 t/kl
Delivery Size:	3 - 7 kl
NCV:	10 100 kcal/kg

### Automotive Diesel

Prices refer to nearly 100% coverage of all quantities sold by the oil companies through retail outlets.

From	To	Type of Price
Prior to	1996	Unweighted average of full-service pump prices
1996	now	Self-service pump prices

#### Specifications

Density:	0.84 t/kl
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### Gasoline

#### Excise Tax

Premium Leaded/ Leaded Substitute

From	To	EUR/ litre	NLG/ litre
01.01.78	31.12.79	0.220	0.4859
01.01.80	30.11.80	0.240	0.5294
01.12.80	31.12.80	0.242	0.5341
01.01.81	30.06.81	0.247	0.5441
01.07.81	30.11.81	0.261	0.5741
01.12.81	31.01.82	0.261	0.5745
01.02.82	30.04.82	0.263	0.5788
01.05.82	30.11.82	0.267	0.5879
01.12.82	31.12.82	0.267	0.5886
01.01.83	31.03.83	0.267	0.5891
01.04.83	30.06.83	0.283	0.6241
01.07.83	30.11.83	0.329	0.7241
01.12.83	28.02.84	0.328	0.7222
01.03.84	31.11.84	0.329	0.7242
01.12.84	31.03.86	0.326	0.7194
01.04.86	31.10.86	0.331	0.7284
01.11.86	31.12.86	0.371	0.8184
01.01.87	31.12.87	0.381	0.8397
01.01.88	31.03.88	0.382	0.8419
01.04.88	31.12.88	0.387	0.8538
01.01.89	12.03.89	0.386	0.8513
13.03.89	31.05.89	0.385	0.8484

From	To	EUR/ litre	NLG/ litre
01.06.89	31.12.89	0.395	0.8707
01.01.90	31.01.90	0.390	0.8591
01.02.90	31.05.90	0.401	0.8831
01.06.90	31.12.90	0.400	0.8816
01.01.91	28.02.91	0.397	0.8759
01.03.91	05.07.91	0.404	0.8897
06.07.91	31.12.91	0.521	1.1477
01.01.92	30.06.92	0.519	1.1436
01.07.92	31.12.92	0.519	1.1434
01.01.93	31.07.93	0.521	1.1474
01.08.93	31.12.93	0.520	1.1469
01.01.94	31.12.94	0.570	1.2569
01.01.95	31.12.95	0.570	1.2570
01.01.96	31.12.96	0.583	1.2840
01.01.97	30.06.97	0.590	1.3011
01.07.97	31.12.98	0.576	1.2684
01.01.99	31.12.99	0.587	1.2932
01.01.00	now	not available	

From September 1996 onwards, the prices for premium leaded refer to leaded substitute.

Unleaded			
From	To	EUR/ litre	NLG/ litre
01.01.89	12.03.89	0.356	0.7839
13.03.89	31.05.89	0.359	0.7907
01.06.89	31.12.89	0.359	0.7907
01.01.90	31.01.90	0.362	0.7984
01.02.90	31.05.90	0.366	0.8075
01.06.90	31.12.90	0.366	0.8060
01.01.91	28.02.91	0.368	0.8115
01.03.91	05.07.91	0.374	0.8243
06.07.91	31.12.91	0.457	1.0073
01.01.92	30.06.92	0.455	1.0032
01.07.92	31.12.92	0.458	1.0085
01.01.93	31.07.93	0.456	1.0056
01.08.93	31.12.93	0.458	1.0091
01.01.94	31.12.94	0.508	1.1191
01.01.95	31.12.95	0.508	1.1201
01.01.96	31.12.96	0.519	1.1430
01.01.97	30.06.97	0.527	1.1606
01.07.97	31.05.98	0.576	1.2684
01.06.98	31.12.98	0.575	1.2669
01.01.99	31.12.99	0.587	1.2932
01.01.00	31.12.00	0.597	1.3150
01.01.01	31.03.01	0.610	1.3440
01.04.01	31.12.01	0.611	1.3463
01.01.02	31.09.02	0.630	
01.10.02	31.12.02	0.616	
01.01.03	31.12.03	0.638	
01.01.04	31.12.04	0.668	
01.01.05	31.12.06	0.676	
01.01.07	31.12.07	0.687	
01.01.08	now	0.697	

From 1996 onwards, prices refer to self-service pump prices. Prior to 1996, prices refer to weighted average of full service pump prices applied by major oil companies.

Prices shown cover nearly 100% of all oil companies.

### Specifications

#### *Premium Unleaded 98 RON gasoline*

Quality: Euro 98  
Density: 0.745 t/kl

#### *Premium Unleaded 95 RON gasoline*

Quality: Euro 95  
Density: 0.745 t/kl

#### *Premium Leaded 98 RON gasoline*

Lead Content: 0.4 g/litre  
Density: 0.745 t/kl

**Sources:** Central Bureau of Statistics and Ministry of Economic Affairs.

## Automotive LPG

Pump Prices.

**Excise tax:** As shown in excise tax column.

## NATURAL GAS

Households with an assumed yearly consumption of 2 000 m<sup>3</sup> include the standing charge.

Industries with an assumed yearly consumption of 25 million m<sup>3</sup> include a tariff for the first 10 million m<sup>3</sup>, higher than the tariff for the next 15 million m<sup>3</sup>.

### Specifications

GCV: 8 406 kcal/m<sup>3</sup>  
NCV: 7 565 kcal/m<sup>3</sup>

## Industry and Electricity Generation

### Special Tax

*Environmental Protection Tax:* As shown in excise tax column.

Price shown is the large-consumer tariff for consumption of 25 million m<sup>3</sup> per year per 10<sup>7</sup> kcal (GCV).

**Source:** Gasunie, wholesale distributor.

## Households

**General Tax (VAT):** See general notes for the Netherlands.

**Special Taxes***Environmental Protection Tax*

From	To	EUR/ 10 <sup>7</sup> kcal	NLG/ 10 <sup>7</sup> kcal
01.01.78	31.01.82	0.16	0.36
01.02.82	31.12.82	0.27	0.60
01.01.83	31.12.83	0.29	0.64
01.01.84	31.03.88	0.27	0.60
01.04.88	31.01.90	0.38	0.83
01.02.90	31.12.90	2.46	5.43
01.01.91	28.02.91	2.29	5.05
01.03.91	31.12.91	5.25	11.57
01.01.92	30.06.92	4.76	10.49
01.07.92	31.12.92	22.45	49.48
01.01.93	31.12.94	11.23	24.75
01.01.95	31.12.95	11.64	25.65

*Energy Tax:* The Energy tax was introduced on 1 January 1996. The objective is to stimulate energy savings. A discount is used to reduce the energy tax.

Year	Category	EUR/ 10 <sup>7</sup> kcal	EUR/ 1000 m <sup>3</sup>	NLG/ m <sup>3</sup>
1996	a	11.63	9.78	0.02155
	b	28.91	24.30	0.05355
	c	28.91	24.30	0.05355
	d	11.63	9.78	0.02155
	e	11.63	9.78	0.02155
	f	7.61	6.40	0.01410
1997	a	11.63	9.78	0.02155
	b	46.19	38.82	0.08555
	c	46.19	38.82	0.08555
	d	11.63	9.78	0.02155
	e	11.63	9.78	0.02155
	f	7.78	6.53	0.01440
1998	a	11.63	9.78	0.02155
	b	63.10	53.02	0.11685
	c	63.10	53.02	0.11685
	d	11.63	9.78	0.02155
	e	11.63	9.78	0.02155
	f	7.78	6.53	0.01440
1999	a	11.88	9.98	0.02200
	b	98.17	82.35	0.18180
	c	68.26	57.36	0.12640
	d	15.71	13.21	0.02910
	e	11.88	9.98	0.02200
	f	7.78	6.53	0.01440
2000	a	12.10	10.16	0.02240
	b	124.52	104.64	0.23060
	c	73.87	62.08	0.13680
	d	20.41	17.15	0.03780
	e	12.10	10.16	0.02240
	f	7.88	6.63	0.01460

Year	Category	EUR/ 10 <sup>7</sup> kcal	EUR/ 1000 m <sup>3</sup>	NLG/ m <sup>3</sup>
2001	a+b	155.41	130.60	0.28780
	c	79.16	66.52	0.14660
	d	24.73	20.78	0.04580
	e	12.31	10.35	0.02280
	f	8.05	6.76	0.01490
	2002	a+b	160.17	134.60
c		81.52	68.50	
d		25.35	21.30	
e		12.61	10.60	
f		8.33	7.00	
2003		a+b	166.01	139.50
	c	84.49	71.00	
	d	26.30	22.10	
	e	13.09	11.00	
	f	8.69	7.30	
	2004	a+b	170.00	142.90
c		86.49	72.70	
d		27.01	22.70	
e		13.44	11.30	
f		12.61	10.60	
g		8.92	7.50	
2005	a+b	177.79	149.40	
	c	121.26	101.90	
	d	37.01	31.10	
	e	13.69	11.50	
	f	12.73	10.70	
	g	9.04	7.60	
2006	a+b	179.33	150.70	
	c	147.32	123.80	
	d	40.46	34.00	
	e	13.80	11.60	
	f	12.85	10.80	
	g	9.16	7.70	
2007	a+b	182.19	153.10	
	c	159.56	134.20	
	d	44.23	37.20	
	e	14.03	11.80	
	f	13.08	11.00	
	g	9.27	7.80	
2008	a+b	184.77	155.40	
	c	161.94	136.20	
	d	44.94	37.80	
	e	14.27	12.00	
	f	13.32	11.20	
	g	10.34	8.70	

a. 0 - 800 m<sup>3</sup>; b. 801 - 5 000 m<sup>3</sup>; c. 5 001 - 170 000 m<sup>3</sup>; d. 170 001 - 1M m<sup>3</sup>; e. 1M - 10M m<sup>3</sup>; f. up to 4Q03 > 10M m<sup>3</sup>, from 1Q04 > 10M m<sup>3</sup> non-commercial; g. > 10M m<sup>3</sup> commercial.

Prices refer to the average tariff of Dutch distributors for yearly consumption of 2 000 m<sup>3</sup> per 10<sup>7</sup> kcal (GCV) and include standing charges.



From 2001 onwards, the total yearly natural gas bill is reimbursed for all natural gas consumers by an amount independent from the volume of natural gas consumed.

**Source:** From 2004 onwards, Statistics Netherlands website surveys of energy companies. Prior to 2004, EnergieNed.

#### Discount on Energy Tax (Gas):

The discount was taken account of in the prices, but not in the taxes above

From	To	Discount (Euro)
01.01.01	31.12.01	96.20
01.01.02	31.12.05	96.00
01.01.06	31.12.06	96.84
01.01.07	31.12.07	98.18
01.01.08	now	0.00

## COAL

### Steam Coal for Industry and Electricity Generation

Prices shown are average annual expenditures by industry and electric utilities for a tonne of a given coal category.

#### Specifications

Category: Hard coal  
NCV: 7 000 kcal/kg

**Source:** Central Bureau of Statistics, *De Nederlandse Energiehuishouding*, annual survey among industry and utilities.

### Steam Coal for Households

#### Specifications

Quality: Anthracite

**Source:** NOVOK (Organisation of oil and coal merchants) *Brandstoffen Visie*.

### Coking Coal for Industry

#### Specifications

Quality: Hard coal coke  
NCV: 6 800 kcal/kg

## ELECTRICITY

**Taxes on electricity:** From 1 July 2003 until 1 January 2007, the total yearly electricity bill was increased by a surcharge intended to finance improvement of the

environmental performance of electricity production (MEP-heffing). At the same time, consumers receive a reimbursement for the surcharge. This surcharge was not subjected to VAT. The effect on the total yearly electricity bill is a decrease of the VAT percentage below the general level. From 1 January 2007, the surcharged has been stopped. As a consequence the percentage of VAT in the total electricity price has regained the normal level of 19%. In addition consumers are charged for energy tax. The amount is related to the volume consumed. To compensate for the high energy prices, consumers receive a discount on energy tax independent of the volume consumed.

### Surcharge intended to finance improvement of the environmental performance of electricity production (MEP-heffing)

From	To	Surcharge
01.07.03	31.12.03	34.00
01.01.04	31.12.04	39.00
01.01.05	31.12.06	52.00
01.01.07	now	0.00

### Special Tax

#### ECO Tax

Year	Category	EUR/kWh	NLG/kWh
1996	a	0.0000	0.0000
	b	0.0134	0.0295
	c	0.0134	0.0295
	d	0.0000	0.0000
	e	0.0000	0.0000
1997	a	0.0000	0.0000
	b	0.0134	0.0295
	c	0.0134	0.0295
	d	0.0000	0.0000
	e	0.0000	0.0000
1998	a	0.0000	0.0000
	b	0.0134	0.0295
	c	0.0134	0.0295
	d	0.0000	0.0000
	e	0.0000	0.0000
1999	a	0.0000	0.0000
	b	0.0225	0.0495
	c	0.0147	0.0323
	d	0.0010	0.0022
	e	0.0000	0.0000
2000	a	0.0000	0.0000
	b	0.0372	0.0820
	c	0.0161	0.0354
	d	0.0022	0.0048
	e	0.0000	0.0000
2001	a+b	0.0583	0.1285
	c	0.0194	0.0427
	d	0.0059	0.0130
	e	0.0000	0.0000

Year	Category	EUR/ kWh	NLG/ kWh
2002	a+b	0.0601	
	c	0.0200	
	d	0.0061	
	e	0.0000	
2003	a+b	0.0639	
	c	0.0207	
	d	0.0063	
	e	0.0000	
2004	a+b	0.0654	
	c	0.0212	
	d	0.0065	
	e	0.0010	
	f	0.0005	
2005	a+b	0.0699	
	c	0.0263	
	d	0.0086	
	e	0.0010	
	f	0.0005	
2006	a+b	0.0705	
	c	0.0343	
	d	0.0094	
	e	0.0010	
	f	0.0005	
2007	a+b	0.0716	
	c	0.0369	
	d	0.0102	
	e	0.0010	
	f	0.0005	
2008	a+b	0.0752	
	c	0.0375	
	d	0.0104	
	e	0.0010	
	f	0.0005	

a. 0 - 800 kWh; b. 801 - 10 000 kWh; c. 10 001 - 50 000 kWh; d. 50 001 - 10M kWh; e. up to 4Q03 > 10M kWh , from 1Q04 > 10M kWh non-commercial; f. > 10 M kWh commercial.

Price shown is the average tariff per kWh of Dutch distributors.

### Discount

From 1 January 2001 onwards, the total yearly electricity bill for all electricity consumers is discounted by an

amount independent of the amount of electricity consumed. This discount is included in the prices, but not in the taxes in the table below.

### Discount on Energy Tax (Electricity):

From	To	Discount
01.01.01	31.12.01	45.38
01.01.02	31.12.05	46.00
01.01.06	31.12.06	48.16
01.01.07	31.12.07	100.82
01.01.08	now	199.00

**Source:** From 2004 onwards, Statistics Netherlands website surveys of energy companies. Prior to 2004, EnergieNed.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer the three-month average of the quarter.

The retail indices are chained series that have been extended backwards from 4Q2002. Therefore, the value in the base year may not be exactly equal to 100.

**Source:** Wholesale and retail: Statistics Netherlands, Price statistics and short-term indicators.

### Oil Products

Wholesale: Producer price index for oil refinery products.

Retail: Consumer price index for fuels and lubricants.

### Electricity

Wholesale: Producer price index for electricity.

Retail: Consumer price index for electricity.

### Natural Gas

Wholesale: Producer price index for natural gas, both liquefied and gaseous.

Retail: Consumer prices index for gas.

**NEW ZEALAND**  
**Table 1 - Average Prices and Taxes in New Zealand Dollars**

High Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	313.02	-	-	-	313.02	c	c	c	c	c
1998	317.84	-	-	-	317.84	c	c	c	c	c
1999	338.73	-	-	-	338.73	c	c	c	c	c
2000	595.43	-	-	-	595.43	c	c	c	c	c
2001	451.33	-	-	-	451.33	c	c	c	c	c
2002	450.44	-	-	-	450.44	c	c	c	c	c
2003	386.60	-	-	-	386.60	c	c	c	c	c
2004	419.69	-	-	-	419.69	c	c	c	c	c
2005	563.70	-	-	-	563.70	c	c	c	c	c
2006	689.15	-	-	-	689.15	c	c	c	c	c
2007	628.10	-	-	-	628.10	c	c	c	c	c
2Q2007	544.78	-	-	-	544.78	c	c	c	c	c
3Q2007	647.59	-	-	-	647.59	c	c	c	c	c
4Q2007	793.80	-	-	-	793.80	c	c	c	c	c
1Q2008	602.81	-	-	-	602.81	c	c	c	c	c
2Q2008	..	..	..	..	..	c	c	c	c	c
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	350.23	-	-	-	350.23	..	..	..	..	..
1998	340.60	-	-	-	340.60	..	..	..	..	..
1999	372.94	-	-	-	372.94	..	..	..	..	..
2000	526.92	-	-	-	526.92	..	..	..	..	..
2001	553.88	-	-	-	553.88	..	..	..	..	..
2002	528.50	-	-	-	528.50	..	..	..	..	..
2003	466.63	-	-	-	466.63	..	..	..	..	..
2004	461.86	-	-	-	461.86	..	..	..	..	..
2005	541.97	-	-	-	541.97	..	..	..	..	..
2006	692.19	-	-	-	692.19	..	..	..	..	..
2007	630.69	-	-	-	630.69	..	..	..	..	..
2Q2007	609.00	-	-	-	609.00	..	..	..	..	..
3Q2007	624.28	-	-	-	624.28	..	..	..	..	..
4Q2007	711.34	-	-	-	711.34	..	..	..	..	..
1Q2008	703.74	-	-	-	703.74	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	0.486	0.004	-	0.004	0.490	0.486	0.004	0.061	0.065	0.551
1998	0.426	0.004	-	0.004	0.429	0.426	0.004	0.054	0.057	0.483
1999	0.440	0.004	-	0.004	0.444	0.440	0.004	0.055	0.059	0.499
2000	0.644	0.004	-	0.004	0.648	0.644	0.004	0.081	0.085	0.729
2001	0.636	0.004	-	0.004	0.640	0.636	0.004	0.080	0.084	0.720
2002	0.572	0.004	-	0.004	0.575	0.572	0.004	0.072	0.076	0.647
2003	0.549	0.004	-	0.004	0.553	0.549	0.004	0.069	0.073	0.622
2004	0.645	0.004	-	0.004	0.649	0.645	0.004	0.081	0.085	0.730
2005	0.798	0.004	-	0.004	0.802	0.798	0.004	0.100	0.104	0.902
2006	1.003	0.004	-	0.004	1.007	1.003	0.004	0.126	0.129	1.133
2007	0.926	0.004	-	0.004	0.930	0.926	0.004	0.116	0.120	1.046
2Q2007	0.879	0.004	-	0.004	0.883	0.879	0.004	0.110	0.114	0.993
3Q2007	0.937	0.004	-	0.004	0.940	0.937	0.004	0.118	0.121	1.058
4Q2007	1.050	0.004	-	0.004	1.053	1.050	0.004	0.132	0.135	1.185
1Q2008	1.112	0.004	-	0.004	1.116	1.112	0.004	0.139	0.143	1.255
2Q2008	..	..	..	..	..	..	..	..	..	..

## NEW ZEALAND

Table 2 - Average Prices and Taxes in New Zealand Dollars

Premium Unleaded (96 RON) Gasoline (per litre)						Regular Unleaded (91 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	0.521	0.329	0.106	0.435	0.956	0.476	0.329	0.101	0.430	0.906
1998	0.454	0.345	0.100	0.444	0.899	0.410	0.345	0.094	0.439	0.849
1999	0.451	0.350	0.100	0.450	0.901	0.407	0.350	0.095	0.445	0.852
2000	0.642	0.350	0.124	0.474	1.116	0.601	0.350	0.119	0.469	1.070
2001	0.625	0.350	0.122	0.472	1.097	0.581	0.350	0.116	0.466	1.047
2002	0.568	0.392	0.120	0.512	1.080	0.523	0.392	0.114	0.506	1.029
2003	0.576	0.406	0.123	0.529	1.105	0.528	0.406	0.117	0.523	1.051
2004	0.666	0.420	0.136	0.556	1.222	0.615	0.420	0.129	0.549	1.164
2005	0.764	0.459	0.153	0.612	1.376	0.712	0.461	0.147	0.608	1.320
2006	0.956	0.482	0.180	0.662	1.616	0.898	0.482	0.173	0.655	1.554
2007	0.929	0.496	0.178	0.674	1.603	0.877	0.496	0.172	0.668	1.554
2Q2007	0.944	0.490	0.177	0.667	1.597	0.877	0.490	0.171	0.661	1.538
3Q2007	0.954	0.505	0.181	0.686	1.640	0.887	0.505	0.174	0.679	1.566
4Q2007	1.015	0.505	0.190	0.696	1.711	0.961	0.505	0.183	0.689	1.650
1Q2008	1.076	0.505	0.198	0.703	1.779	1.020	0.505	0.191	0.696	1.716
2Q2008	..	..	..	..	..	..	..	..	..	..
Premium Leaded/Lead Replacement Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	x	x	x	x	x	119.5	19.5	-	19.5	139.0
1998	x	x	x	x	x	119.9	19.5	-	19.5	139.4
1999	x	x	x	x	x	119.8	19.5	-	19.5	139.3
2000	x	x	x	x	x	112.4	19.5	-	19.5	131.9
2001	x	x	x	x	x	123.3	19.5	-	19.5	142.8
2002	x	x	x	x	x	122.1	19.5	-	19.5	141.6
2003	x	x	x	x	x	163.3	19.5	-	19.5	182.8
2004	x	x	x	x	x	166.6	19.5	-	19.5	186.1
2005	x	x	x	x	x	216.4	19.5	-	19.5	235.9
2006	x	x	x	x	x	268.8	19.5	-	19.5	288.3
2007	x	x	x	x	x	..	..	..	..	..
2Q2007	x	x	x	x	x	270.6	19.5	-	19.5	290.1
3Q2007	x	x	x	x	x	263.8	19.5	-	19.5	283.3
4Q2007	x	x	x	x	x	270.9	19.5	-	19.5	290.4
1Q2008	x	x	x	x	x	..	..	..	..	..
2Q2008	x	x	x	x	x	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	c	c	c	c	c	569.2	19.5	73.6	93.1	662.3
1998	c	c	c	c	c	612.1	19.5	79.0	98.5	710.6
1999	c	c	c	c	c	618.4	19.5	79.7	99.2	717.6
2000	c	c	c	c	c	684.3	19.5	88.0	107.5	791.7
2001	c	c	c	c	c	683.9	19.5	87.9	107.4	791.3
2002	c	c	c	c	c	631.4	19.5	81.4	100.9	732.3
2003	c	c	c	c	c	854.7	19.5	109.3	128.8	983.5
2004	c	c	c	c	c	988.3	19.5	126.0	145.5	1133.8
2005	c	c	c	c	c	1029.5	19.5	131.1	150.6	1180.1
2006	c	c	c	c	c	1047.4	19.5	133.4	152.9	1200.3
2007	c	c	c	c	c	..	..	..	..	..
2Q2007	c	c	c	c	c	1189.4	20.5	151.2	171.7	1361.1
3Q2007	c	c	c	c	c	975.5	20.5	121.9	142.4	1118.0
4Q2007	c	c	c	c	c	1878.6	20.5	234.8	255.3	2133.9
1Q2008	c	c	c	c	c	..	..	..	..	..
2Q2008	c	c	c	c	c	..	..	..	..	..

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Table 3 - Average Prices and Taxes in New Zealand Dollars

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	c	c	c	c	c	c	c	c	c	c
1998	c	c	c	c	c	c	c	c	c	c
1999	c	c	c	c	c	c	c	c	c	c
2000	c	c	c	c	c	c	c	c	c	c
2001	c	c	c	c	c	c	c	c	c	c
2002	c	c	c	c	c	c	c	c	c	c
2003	c	c	c	c	c	c	c	c	c	c
2004	c	c	c	c	c	c	c	c	c	c
2005	c	c	c	c	c	c	c	c	c	c
2006	c	c	c	c	c	c	c	c	c	c
2007	c	c	c	c	c	c	c	c	c	c
2Q2007	c	c	c	c	c	c	c	c	c	c
3Q2007	c	c	c	c	c	c	c	c	c	c
4Q2007	c	c	c	c	c	c	c	c	c	c
1Q2008	c	c	c	c	c	c	c	c	c	c
2Q2008	c	c	c	c	c	c	c	c	c	c
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	..	..	..	..	..	c	c	c	c	c
1998	..	..	..	..	..	c	c	c	c	c
1999	..	..	..	..	..	c	c	c	c	c
2000	..	..	..	..	..	c	c	c	c	c
2001	..	..	..	..	..	c	c	c	c	c
2002	..	..	..	..	..	c	c	c	c	c
2003	..	..	..	..	..	c	c	c	c	c
2004	..	..	..	..	..	c	c	c	c	c
2005	..	..	..	..	..	c	c	c	c	c
2006	..	..	..	..	..	c	c	c	c	c
2007	..	..	..	..	..	c	c	c	c	c
2Q2007	..	..	..	..	..	c	c	c	c	c
3Q2007	..	..	..	..	..	c	c	c	c	c
4Q2007	..	..	..	..	..	c	c	c	c	c
1Q2008	..	..	..	..	..	c	c	c	c	c
2Q2008	..	..	..	..	..	c	c	c	c	c
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price	Ex-Tax Price	Excise Tax	GST	Total Tax	Total Price
1997	0.0677	-	-	-	0.0677	0.1192	-	0.0149	0.0149	0.1341
1998	0.0700	-	-	-	0.0700	0.1180	-	0.0147	0.0147	0.1327
1999	0.0623	-	-	-	0.0623	0.1178	-	0.0147	0.0147	0.1325
2000	0.0617	-	-	-	0.0617	0.1177	-	0.0147	0.0147	0.1324
2001	0.0654	-	-	-	0.0654	0.1253	-	0.0157	0.0157	0.1410
2002	0.0711	-	-	-	0.0711	0.1360	-	0.0170	0.0170	0.1530
2003	0.0790	-	-	-	0.0790	0.1452	-	0.0182	0.0182	0.1634
2004	0.0769	-	-	-	0.0769	0.1612	-	0.0202	0.0202	0.1814
2005	0.0872	-	-	-	0.0872	0.1717	-	0.0215	0.0218	0.1932
2006	0.0919	-	-	-	0.0919	0.1822	-	0.0228	0.0228	0.2050
2007	0.0931	-	-	-	0.0931	0.1953	-	0.0244	0.0244	0.2197
2Q2007	0.0931	-	-	-	0.0931	0.1944	-	0.0243	0.0243	0.2187
3Q2007	0.0946	-	-	-	0.0946	0.1960	-	0.0245	0.0245	0.2205
4Q2007	0.0960	-	-	-	0.0960	0.1984	-	0.0248	0.0248	0.2232
1Q2008	0.0977	-	-	-	0.0977	0.2007	-	0.0251	0.0251	0.2258
2Q2008	..	..	..	..	..	..	..	..	..	..

**NEW ZEALAND**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	1997 = 100	2000 = 100	1997 = 100	2000 = 100	1997 = 100	2000 = 100	1997 = 100	2000 = 100
1987	..	78.2	..	57.8	..	42.2	..	80.8
1988	..	77.3	..	62.3	..	48.1	..	83.8
1989	..	77.9	..	65.5	..	53.7	..	85.4
1990	..	83.5	..	67.8	..	56.0	..	85.7
1991	..	85.2	..	71.8	..	61.2	..	87.7
1992	..	86.2	..	75.0	..	62.1	..	88.6
1993	..	85.5	..	79.6	..	67.2	..	87.7
1994	..	81.5	..	84.9	..	73.3	..	86.2
1995	98.3	82.0	94.6	88.6	97.9	82.0	97.6	89.7
1996	100.0	82.4	97.2	93.4	98.7	87.3	100.2	93.0
1997	100.0	83.1	100.0	96.8	100.0	92.6	100.0	96.8
1998	96.3	79.4	99.5	96.9	100.2	94.9	99.6	97.7
1999	100.7	80.2	96.2	99.2	100.9	96.1	100.0	97.8
2000	129.6	100.0	92.9	100.0	103.1	100.0	99.9	100.0
2001	137.1	98.1	95.3	100.0	109.1	104.8	101.4	104.9
2002	134.5	96.5	100.8	104.9	113.8	110.9	105.7	109.3
2003	133.3	98.3	104.4	111.7	125.6	119.4	113.1	111.5
2004	142.2	109.0	114.5	122.0	143.4	133.3	127.9	115.3
2005	167.2	123.4	126.3	130.9	159.0	144.3	143.7	123.6
2006	201.7	..	134.8	..	169.0	..	156.2	..
2007	211.0	..	124.6	..	187.3	..	177.4	..
2Q2000	120.2	94.9	93.3	99.8	102.9	97.1	99.9	100.4
3Q2000	131.9	107.2	92.7	100.1	103.8	102.9	99.8	101.1
4Q2000	151.8	107.1	91.3	100.2	104.8	102.9	100.0	101.1
1Q2001	137.8	97.8	91.3	100.6	106.2	102.9	100.3	101.1
2Q2001	139.7	104.1	94.5	99.9	108.3	105.4	100.6	105.3
3Q2001	138.1	99.8	97.6	99.9	110.0	105.4	102.2	106.5
4Q2001	132.9	90.7	97.9	99.7	111.7	105.5	102.3	106.5
1Q2002	131.8	91.1	101.9	102.4	113.0	110.3	102.3	106.5
2Q2002	137.0	100.1	100.4	104.3	113.5	111.0	104.7	109.0
3Q2002	134.0	97.6	100.0	105.9	114.1	111.1	105.3	110.8
4Q2002	135.2	97.0	100.7	107.1	114.4	111.1	110.6	110.8
1Q2003	138.4	103.1	100.5	107.4	125.1	114.0	108.7	110.8
2Q2003	130.4	93.0	105.2	109.3	125.1	120.9	113.0	111.3
3Q2003	132.6	99.6	104.3	112.8	125.1	120.0	113.9	111.9
4Q2003	131.6	97.6	107.4	117.1	127.1	122.7	116.9	111.9
1Q2004	132.0	102.8	109.2	117.4	138.2	132.0	117.0	111.9
2Q2004	141.2	110.8	113.8	120.7	138.2	132.6	128.7	115.6
3Q2004	146.6	111.6	114.8	122.4	145.2	132.6	129.6	116.8
4Q2004	149.0	110.9	120.2	127.3	151.9	135.8	136.1	116.8
1Q2005	149.4	110.9	120.9	128.7	158.4	142.5	137.2	116.8
2Q2005	162.9	118.6	125.4	130.4	159.2	145.1	138.1	124.6
3Q2005	179.9	134.1	127.1	131.9	159.3	145.1	149.1	126.5
4Q2005	176.5	130.1	131.9	132.5	159.1	144.5	150.2	126.5
1Q2006	182.3	136.9	130.8	134.6	163.1	150.5	150.4	126.5
2Q2006	213.4	156.8	145.6	138.6	165.9	153.2	151.2	130.6
3Q2006	212.2	155.5	135.7	140.6	167.2	158.0	161.6	133.8
4Q2006	198.7	..	127.0	..	179.7	..	161.6	..
1Q2007	196.6	..	115.7	..	186.5	..	173.6	..
2Q2007	206.2	..	129.8	..	188.5	..	174.5	..
3Q2007	212.4	..	132.9	..	186.7	..	180.6	..
4Q2007	228.9	..	120.1	..	187.6	..	180.7	..
1Q2008	239.9	..	133.7	..	190.5	..	180.8	..
2Q2008	..	..	..	..	..	..	..	..

## NEW ZEALAND

### GENERAL NOTES

From 1Q90 onwards, prices refer to quarterly averages. From 1Q86 to 4Q89, prices refer to the second month of the quarter. Prior to 4Q85, prices refer to the end of the quarter. See individual products for details.

#### General Tax

*GST (Goods and Services Tax):* Sales of all fuels and electricity (and other goods and services in the economy) are subject to the GST. Commercial and industrial consumers generally obtain refunds on any GST paid, so GST-exclusive prices are shown for industry, electricity generation and automotive diesel for commercial purposes.

From	To	%
01.10.86	30.06.89	10.0
01.07.89	now	12.5

### OIL PRODUCTS

From 3Q87 onwards, oil product prices refer to market prices (no price control). Prior to 3Q87, prices refer to retail prices set by Government regulation.

**Source:** Ministry of Economic Development, Energy and Communications Branch.

#### High Sulphur Fuel Oil

**Excise Tax:** As shown in excise tax column.

From 1Q90 onwards, prices are end-quarter averages.

Fuel oil is used for peak load capacity. Since 1998, generation from fuel oil has been negligible.

#### Specifications

Quality:	Heavy fuel oil
Sulphur Content:	< 3.5%
Density:	0.945 t/kl
NCV:	10 129 kcal/kg

#### Light Fuel Oil

#### Excise Tax

From	To	NZD/ kl
01.01.78	30.09.86	See excise column.
01.10.86	01.07.89	50.00

From 1Q90 onwards, prices are end-quarter averages.

#### Specifications

Quality:	Blended heating oil
Sulphur Content:	< 2.0%
Density:	0.824 t/kl
NCV:	10 366 kcal/kg

#### Automotive Diesel

**General Tax (GST):** See general notes for New Zealand.

#### Special Taxes

##### Crown Revenue / Petroleum Excise Tax

From	To	NZD/ litre
22.06.79	05.08.82	0.005
06.08.82	30.09.86	0.072
01.10.86	30.06.89	0.232
01.07.89	31.12.90	0.162
01.01.91	30.06.91	0.112

##### Local Authority Tax

From	To	NZD/ litre
01.02.71	now	0.0033

*Other Special Taxes and Levies:* See Petroleum Fuels Monitoring Levy and Liquid Fuels Trust Levy for gasoline.

From 1Q90 onwards, prices are end-quarter averages.

From 3Q87 onwards, prices are wholesale.

#### Specifications

Quality:	Automotive gas oil
Sulphur Content:	< 0.05%
Density:	0.822 t/kl
NCV:	10 297 kcal/kg

#### Gasoline

**General Tax (GST):** See general notes for New Zealand.

#### Special Taxes

##### Crown Revenue / Petroleum Excise tax

Premium Leaded/Premium Unleaded		
From	To	NZD/ litre
23.05.75	01.06.78	0.047
02.06.78	31.03.79	0.077

From	To	NZD/ litre
01.04.79	31.03.80	0.085
01.04.80	05.08.82	0.067
06.08.82	30.09.86	0.098
01.10.86	30.06.89	0.258
01.07.89	31.12.90	0.218
01.01.91	31.06.91	0.198
01.07.91	07.08.91	0.193
08.08.91	02.07.92	0.231
03.07.92	14.05.98	0.208
15.05.98	19.03.01	0.187
20.03.01	30.06.01	0.178
01.07.01	30.09.04	0.185
01.10.04	now	0.187

**Regular Unleaded**

From	To	NZD/ litre
Prior to	05.08.82	See leaded/unleaded
06.08.82	30.09.86	0.093
01.10.86	30.06.89	0.253
01.07.89	31.12.90	0.213
01.01.91	31.06.91	0.193
01.07.91	now	See leaded/unleaded

**Special Taxes and Levies***National Roads Fund*

From	To	NZD/ litre
01.01.70	31.03.77	0.040
01.04.77	31.03.79	0.050
01.04.79	31.03.80	0.043
01.04.80	30.09.82	0.060
01.10.82	08.11.84	0.064
09.11.84	31.03.88	0.089
01.04.88	07.08.91	0.109
08.08.91	02.07.92	0.071
03.07.92	14.05.98	0.094
15.05.98	30.06.00	0.136
01.07.00	28.02.02	0.135
01.03.02	30.09.04	0.177
01.10.04	31.03.05	0.175
01.04.05	31.03.06	0.225
01.04.06	31.03.07	0.232
01.04.07	now	0.238

*Petroleum Fuels Monitoring Levy*

From	To	NZD/ litre
01.08.88	31.12.88	0.00030
01.01.89	now	0.00025

*Local Authority Tax*

From	To	NZD/ litre
01.02.71	now	0.0066

*Accident Compensation Corporation Levy*

From	To	NZD/ litre
01.10.91	03.19.01	0.020
03.20.01	30.06.01	0.030
01.07.01	30.06.03	0.023
01.07.03	30.06.05	0.051
01.07.05	30.06.07	0.058
01.07.07	now	0.073

*Liquid Fuels Trust Levy*

From	To	NZD/ litre
01.01.78	30.09.86	0.001

*Refinery Expansion Levy*

From	To	NZD/ litre
01.01.83	31.12.83	0.024
01.01.84	31.12.84	0.067
01.01.85	31.12.85	0.128
01.01.86	31.03.86	0.100
01.04.86	01.10.86	0.160

*Lead Tax*

From	To	NZD/ litre
01.01.91	30.09.91	0.0231
01.10.91	30.06.93	0.0280
01.07.93	31.12.94	0.0210
01.01.95	31.12.95	0.0190

*Regional Taxes:* From 1 July 1992 to 31 January 1996, premium and regular gasoline was also subject to regional taxes.

From 1Q90 onwards, prices refer to retail prices. From 3Q87 to 4Q89, premium leaded and regular unleaded prices refer to wholesale prices.

The importation of leaded petrol, or lead additive, was banned from 1 January 1996. All stocks of leaded petrol were consumed by 2Q96.

**Specifications***Leaded Premium/Unleaded Premium*

Octane:	96 RON
Sulphur Content:	< 0.015%
Density:	0.757 t/kl
NCV:	10 466 kcal/kg



*Regular Unleaded*

Octane:	91 RON
Sulphur Content:	< 0.035%
Density:	0.739 t/kl
NCV:	10 296 kcal/kg

**NATURAL GAS**

**General Tax (GST):** See general notes for New Zealand.

**Special Taxes and Levies***Energy Resource Levy*

From	To	NZD/ 10 <sup>7</sup> kcal	NZD/ GJ
01.01.77	now	19.5	0.45

From 1 January 1986 onwards, new gas discoveries are exempt from the energy resource levy.

*Gas Technology Levy*

From	To	NZD/ 10 <sup>7</sup> kcal	NZD/ GJ
26.06.87	31.12.89	0.4	0.00969
01.01.90	30.09.00	0.6	0.0131
01.10.00	now	0.9	0.02

From 2000 onwards, quarterly gas consumption, gas sales revenue and gas customer numbers are taken from a survey run by the Ministry of Economic Development, Energy and Communications Branch. These data are used to derive average unit prices. Where the results for the latest survey are pending, the Producer Price Index (industry) and Consumer Price Index (households) are used to derive an estimate of price.

Prior to the year 2000, household prices refer to weighted averages of end-quarter prices in seven cities, based on published tariff schedules and the Producer Price Index was used to estimate industry gas prices.

**Specifications**

GCV:	9 004 kcal/m <sup>3</sup>
NCV:	8 104 kcal/m <sup>3</sup>

**Industry**

Price for an annual consumption of 100 000 GJ and comprised of businesses classified to Australian and New Zealand Standard Industry Classification divisions: A, B, C, D and E.

**Electricity Generation**

Prices and taxes are confidential.

**Households**

Prices refer to annual consumption of 60 GJ or less and exclude commercial users of natural gas.

**COAL**

**General Tax (GST):** See general notes for New Zealand.

**Special Taxes and Levies***Energy Resource Levy*

From	To	NZD/ tonne	Notes
01.01.77	now	2.0	Excl. South Island lignite
		1.5	South Island lignite only

Prices refer to weighted averages of prices surveyed in 18 different locations and include the ex-mine price and the rail freight to destination.

Information on coal consumed in the industry sector and for electricity generation is confidential.

**Specifications**

Quality:	Bituminous coal
NCV:	6 836 kcal/kg

**ELECTRICITY**

Prices refer to average revenues per kWh received by utilities from all industrial sectors and households.

**Source:** Ministry of Economic Development, Resources and Networks Branch.

**ENERGY PRICE INDICES**

Quarterly data refer to the last month of each quarter. Annual figures are averages of the quarterly data shown.

**Source:** Statistics New Zealand.

**Oil Products**

Wholesale: Prices collected from the 4 major oil/petrol retailers in New Zealand. A range of products are priced, however, prices for premium motor spirit and diesel (delivered to pump) make up 65% of the index. Other items include aviation fuel, light fuel oil, kerosene, engine and lubricating oils, and Amex explosive.

### ***Electricity***

Wholesale: Ninety quotes provided from 15 different electricity retailers, for a series of “model services” in which usage details of a firm (deemed to a representative customer) are provided to the retailer. The electricity retailer reports their estimate of the monthly charge for the middle month of the reference quarter.

Three different sized models are provided to each retailer (for small, medium, and large electricity users) as well as separate quotes to take account of summer and winter pricing differences.

Retail: Twenty-five centres combined.

### ***Natural Gas***

Wholesale: Same methodology as commercial electricity index, but with a smaller number of price quotations.

Retail: Seven centres combined.

### ***Coal Products***

Wholesale: Twenty-seven different price quotes. All report a price per tonne for a specified grade of coal from a specified mine or location. Prices are an average wholesale price for the middle month of the reference quarter.

Retail: Coal, charcoal and firewood combined.

## NORWAY

Table 1 - Average Prices and Taxes in Norwegian Crowns

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1584	745	-	745	2329	x	x	x	x	x
1998	1519	756	-	756	2275	x	x	x	x	x
1999	1652	771	-	771	2423	x	x	x	x	x
2000	2144	979	-	979	3123	x	x	x	x	x
2001	2455	1190	-	1190	3645	x	x	x	x	x
2002	2455	1190	-	1190	3645	x	x	x	x	x
2003	..	..	..	..	..	x	x	x	x	x
2004	..	..	..	..	..	x	x	x	x	x
2005	..	..	..	..	..	x	x	x	x	x
2006	..	..	..	..	..	x	x	x	x	x
2007	..	..	..	..	..	x	x	x	x	x
2Q2007	..	..	..	..	..	x	x	x	x	x
3Q2007	..	..	..	..	..	x	x	x	x	x
4Q2007	..	..	..	..	..	x	x	x	x	x
1Q2008	..	..	..	..	..	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2584	435	-	435	3019	2697	435	720	1155	3852
1998	2249	445	-	445	2694	2389	445	652	1097	3486
1999	2733	460	-	460	3193	2858	460	763	1223	4081
2000	3371	730	-	730	4101	3455	730	963	1693	5148
2001	3250	932	-	932	4182	3389	932	1037	1969	5358
2002	2958	949	-	949	3907	3229	949	1003	1952	5181
2003	3518	898	-	898	4416	3518	898	1060	1958	5475
2004	3776	915	-	915	4691	3776	915	1126	2041	5817
2005	4776	934	-	934	5710	4776	934	1427	2361	7137
2006	4428	951	-	951	5379	4428	951	1345	2296	6724
2007	4427	969	-	969	5396	4427	969	1349	2318	6745
2Q2007	4359	969	-	969	5328	4359	969	1332	2301	6660
3Q2007	4407	969	-	969	5376	4407	969	1344	2313	6720
4Q2007	4895	969	-	969	5864	4895	969	1466	2435	7330
1Q2008	5285	1395	-	1395	6680	5285	1395	1670	3065	8350
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2.394	3.785	-	3.785	6.179	2.565	3.785	1.461	5.246	7.811
1998	2.477	3.875	-	3.875	6.352	2.477	3.875	1.461	5.336	7.813
1999	2.758	4.000	-	4.000	6.758	2.762	4.000	1.555	5.555	8.317
2000	3.687	4.360	-	4.360	8.047	3.587	4.460	1.851	6.311	9.898
2001	3.612	3.360	-	3.360	6.972	3.612	3.360	1.673	5.033	8.645
2002	3.313	3.260	-	3.260	6.573	3.351	3.260	1.587	4.847	8.198
2003	3.434	3.330	-	3.330	6.764	3.435	3.330	1.624	4.954	8.389
2004	3.610	3.390	-	3.390	7.000	3.610	3.390	1.680	5.070	8.680
2005	4.440	3.440	-	3.440	7.880	4.420	3.440	1.970	5.410	9.830
2006	4.692	3.500	-	3.500	8.192	4.692	3.500	2.048	5.548	10.240
2007	4.717	3.560	-	3.560	8.277	4.717	3.560	2.069	5.629	10.350
2Q2007	4.520	3.560	-	3.560	8.080	4.520	3.560	2.020	5.580	10.100
3Q2007	4.736	3.560	-	3.560	8.296	4.736	3.560	2.074	5.634	10.370
4Q2007	5.240	3.560	-	3.560	8.800	5.240	3.560	2.200	5.760	11.000
1Q2008	5.510	3.850	-	3.850	9.360	5.510	3.850	2.340	6.190	11.700
2Q2008	..	..	..	..	..	..	..	..	..	..

## NORWAY

Table 2 - Average Prices and Taxes in Norwegian Crowns

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2.511	4.890	1.702	6.592	9.103	2.259	4.890	1.644	6.534	8.793
1998	2.343	5.000	1.689	6.689	9.032	2.091	5.000	1.631	6.631	8.722
1999	2.568	5.170	1.780	6.950	9.518	2.340	5.170	1.727	6.897	9.237
2000	3.562	5.280	2.034	7.314	10.876	3.310	5.280	1.976	7.256	10.566
2001	3.360	4.620	1.915	6.535	9.895	3.110	4.620	1.855	6.475	9.585
2002	2.936	4.540	1.794	6.334	9.270	2.686	4.540	1.734	6.274	8.960
2003	3.168	4.640	1.874	6.514	9.682	2.918	4.640	1.814	6.454	9.372
2004	3.615	4.720	2.000	6.720	10.335	3.332	4.720	1.932	6.652	9.984
2005	4.080	4.810	2.220	7.030	11.110	3.840	4.810	2.160	6.970	10.810
2006	4.456	4.890	2.337	7.227	11.683	4.275	4.890	2.291	7.181	11.456
2007	4.590	4.970	2.390	7.360	11.950	4.376	4.970	2.337	7.307	11.683
2Q2007	4.790	4.970	2.440	7.410	12.200	4.582	4.970	2.388	7.358	11.940
3Q2007	4.750	4.970	2.430	7.400	12.150	4.566	4.970	2.384	7.354	11.920
4Q2007	4.758	4.970	2.432	7.402	12.160	4.526	4.970	2.374	7.344	11.870
1Q2008	5.062	4.970	2.508	7.478	12.540	4.756	5.100	2.464	7.564	12.320
2Q2008	..	..	..	..	..	..	..	..	..	..
Premium Leaded/Lead Replacement Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2.587	5.000	1.745	6.745	9.332	x	x	x	x	x
1998	2.704	5.170	1.811	6.981	9.685	x	x	x	x	x
1999	2.704	5.170	1.811	6.981	9.685	x	x	x	x	x
2000	3.806	5.280	2.090	7.370	11.176	x	x	x	x	x
2001	2.812	5.410	1.973	7.383	10.195	x	x	x	x	x
2002	2.368	5.350	1.852	7.202	9.570	x	x	x	x	x
2003	3.410	4.640	1.932	6.572	9.982	x	x	x	x	x
2004	3.885	4.720	2.065	6.785	10.670	x	x	x	x	x
2005	4.368	4.810	2.295	7.105	11.473	x	x	x	x	x
2006	4.696	4.890	2.397	7.287	11.983	x	x	x	x	x
2007	4.830	4.970	2.450	7.420	12.250	x	x	x	x	x
2Q2007	5.030	4.970	2.500	7.470	12.500	x	x	x	x	x
3Q2007	4.990	4.970	2.490	7.460	12.450	x	x	x	x	x
4Q2007	4.998	4.970	2.492	7.462	12.460	x	x	x	x	x
1Q2008	5.302	4.970	2.568	7.538	12.840	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	x	x	x	x	x
1998	..	..	..	..	..	x	x	x	x	x
1999	..	..	..	..	..	x	x	x	x	x
2000	..	..	..	..	..	x	x	x	x	x
2001	..	..	..	..	..	x	x	x	x	x
2002	..	..	..	..	..	x	x	x	x	x
2003	..	..	..	..	..	x	x	x	x	x
2004	..	..	..	..	..	x	x	x	x	x
2005	..	..	..	..	..	x	x	x	x	x
2006	..	..	..	..	..	x	x	x	x	x
2007	..	..	..	..	..	x	x	x	x	x
2Q2007	..	..	..	..	..	x	x	x	x	x
3Q2007	..	..	..	..	..	x	x	x	x	x
4Q2007	..	..	..	..	..	x	x	x	x	x
1Q2008	..	..	..	..	..	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x

## NORWAY

Table 3 - Average Prices and Taxes in Norwegian Crowns

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	x	x	x	x	x
1998	..	..	..	..	..	x	x	x	x	x
1999	..	..	..	..	..	x	x	x	x	x
2000	..	..	..	..	..	x	x	x	x	x
2001	..	..	..	..	..	x	x	x	x	x
2002	..	..	..	..	..	x	x	x	x	x
2003	..	..	..	..	..	x	x	x	x	x
2004	..	..	..	..	..	x	x	x	x	x
2005	..	..	..	..	..	x	x	x	x	x
2006	..	..	..	..	..	x	x	x	x	x
2007	..	..	..	..	..	x	x	x	x	x
2Q2007	..	..	..	..	..	x	x	x	x	x
3Q2007	..	..	..	..	..	x	x	x	x	x
4Q2007	..	..	..	..	..	x	x	x	x	x
1Q2008	..	..	..	..	..	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	0.3910	0.0560	0.1028	0.1588	0.5498
1998	..	..	..	..	..	0.3535	0.0575	0.0945	0.1520	0.5055
1999	..	..	..	..	..	0.3415	0.0594	0.0922	0.1516	0.4931
2000	0.1390	-	0.0320	0.0320	0.1710	0.3279	0.0856	0.0951	0.1807	0.5086
2001	0.1840	-	0.0442	0.0442	0.2282	0.4140	0.1130	0.1265	0.2395	0.6535
2002	0.1980	-	0.0475	0.0475	0.2455	0.4260	0.0935	0.1247	0.2182	0.6442
2003	0.2600	-	0.0624	0.0624	0.3224	0.6114	0.0950	0.1695	0.2645	0.8759
2004	0.2353	-	0.0565	0.0565	0.2918	0.5383	0.0967	0.1524	0.2491	0.7874
2005	0.2238	-	0.0560	0.0560	0.2798	0.5299	0.0988	0.1572	0.2560	0.7859
2006	0.2840	-	0.0710	0.0710	0.3550	0.6991	0.1005	0.1999	0.3004	0.9995
2007	0.2255	-	0.0564	0.0564	0.2819	0.5148	0.1023	0.1543	0.2566	0.7714
2Q2007	0.2090	-	0.0523	0.0523	0.2613	0.4539	0.1023	0.1391	0.2414	0.6953
3Q2007	0.1670	-	0.0418	0.0418	0.2088	0.4318	0.1023	0.1335	0.2358	0.6677
4Q2007	0.2910	-	0.0728	0.0728	0.3638	0.5562	0.1023	0.1646	0.2669	0.8231
1Q2008	0.2780	-	0.0695	0.0695	0.3475	0.6400	0.1050	0.1863	0.2913	0.9313
2Q2008	..	..	..	..	..	..	..	..	..	..

**NORWAY**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	2000 = 100	1998 = 100	1995 = 100	1998 = 100			1995 = 100	1998 = 100
1987	..	55.5	85.0	75.4	..	..	96.9	89.0
1988	..	57.6	92.7	82.5	..	..	95.7	92.1
1989	..	61.9	97.8	85.6	..	..	103.4	91.1
1990	..	69.0	103.6	91.1	..	..	112.1	91.4
1991	..	79.3	106.7	92.7	..	..	108.0	91.7
1992	..	82.7	106.5	91.7	..	..	102.0	98.8
1993	..	86.7	101.5	94.4	..	..	102.0	103.3
1994	..	87.1	100.0	93.6	..	..	101.1	107.3
1995	..	91.5	100.0	99.9	..	..	100.0	106.0
1996	..	93.6	100.0	104.4	..	..	106.4	115.8
1997	..	100.3	..	108.2	..	..	107.5	105.9
1998	..	100.0	..	100.0	..	..	101.9	100.0
1999	..	107.0	..	98.0	..	..	100.8	101.4
2000	100.0	124.4	..	103.4	..	..	104.6	122.0
2001	96.6	115.8	..	132.2	..	..	109.2	127.3
2002	80.7	110.7	..	130.2	..	..	102.0	129.9
2003	89.8	113.1	..	177.9	..	..	102.0	134.9
2004	100.4	121.1	..	162.3	..	..	..	129.9
2005	122.9	132.3	..	158.4	..	..	..	125.8
2006	136.3	142.9	..	202.7	..	..	..	134.5
2007	138.8	146.2	..	159.2	..	..	..	138.9
2Q2000	..	125.1	..	99.0	..	..	104.7	123.7
3Q2000	..	127.9	..	96.9	..	..	104.9	124.0
4Q2000	..	126.5	..	107.8	..	..	106.0	122.7
1Q2001	101.2	118.7	..	125.9	..	..	108.5	124.5
2Q2001	103.0	123.9	..	133.7	..	..	108.6	127.4
3Q2001	99.1	114.3	..	135.4	..	..	109.3	128.2
4Q2001	83.2	106.3	..	133.8	..	..	110.3	129.2
1Q2002	77.6	107.7	..	135.3	..	..	102.3	130.0
2Q2002	81.4	112.5	..	118.6	..	..	101.8	129.8
3Q2002	79.7	111.3	..	118.6	..	..	102.0	130.0
4Q2002	84.2	111.3	..	148.4	..	..	102.0	129.6
1Q2003	95.3	115.6	..	230.6	..	..	102.0	133.0
2Q2003	88.1	110.9	..	157.1	..	..	102.0	133.9
3Q2003	87.7	113.4	..	153.8	..	..	102.0	136.8
4Q2003	88.2	112.4	..	170.0	..	..	102.0	135.7
1Q2004	90.8	115.8	..	166.7	..	..	102.4	133.7
2Q2004	98.1	122.1	..	158.5	..	..	..	132.6
3Q2004	103.6	123.7	..	162.9	..	..	..	129.9
4Q2004	109.0	122.7	..	161.2	..	..	..	123.3
1Q2005	106.2	123.7	..	151.8	..	..	..	124.6
2Q2005	119.4	132.0	..	156.8	..	..	..	120.5
3Q2005	133.5	138.3	..	159.2	..	..	..	127.2
4Q2005	132.2	135.3	..	165.8	..	..	..	130.7
1Q2006	134.1	138.9	..	179.9	..	..	..	133.5
2Q2006	140.0	146.1	..	197.2	..	..	..	134.4
3Q2006	142.0	148.7	..	209.5	..	..	..	135.0
4Q2006	129.0	137.8	..	224.1	..	..	..	135.2
1Q2007	125.8	138.3	..	165.8	..	..	..	136.9
2Q2007	138.7	147.9	..	145.2	..	..	..	139.4
3Q2007	141.7	148.4	..	139.2	..	..	..	138.7
4Q2007	148.8	150.2	..	186.4	..	..	..	140.7
1Q2008	159.6	157.6	..	204.8	..	..	..	142.4
2Q2008	..	..	..	..	..	..	..	..

## NORWAY

### GENERAL NOTES

From 1Q93 onwards, prices refer to the weekly averages of the quarter. From 1Q86 to 4Q92, prices refer to the second month of the quarter. From 1Q83 to 4Q86, prices refer to the first month of the quarter. Prior to 1Q83, prices are quarterly averages. See individual products for details.

Annual averages for oil and electricity are final and represent the official Norwegian statistics. The most recent quarterly prices are provisional.

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry and automotive diesel for commercial purposes because it is refunded.

From	To	%
01.01.70	31.12.92	20
01.01.93	31.12.94	22
01.01.95	31.12.00	23
01.01.01	31.12.04	24
01.01.05	now	25

### OIL PRODUCT PRICES

**Source:** Unless specified otherwise, Ministry of Petroleum and Energy; based on questionnaires received from STATOIL.

#### Low Sulphur Fuel Oil

##### Excise Tax

From	To	NOK/ tonne	NOK/ kl
01.01.95	now	0	0

##### Special Taxes

###### Sulphur Tax

From	To	NOK/ tonne	NOK/ kl
0.05 - 0.25% of Sulphur Content			
01.01.95	now	85	70

##### CO<sub>2</sub> Tax

From	To	NOK/ tonne	NOK/ kl
01.01.95	31.12.95	494	407
01.01.96	31.12.96	507	417
01.01.97	31.12.97	518	426
01.01.98	31.12.98	530	436
01.01.99	31.12.99	548	451
01.01.00	31.12.00	560	461
01.01.01	31.12.01	583	480
01.01.02	31.12.02	595	490
01.01.03	31.12.03	607	500
01.01.04	31.12.04	614	510
01.01.05	31.12.05	627	520
01.01.06	31.12.06	642	530
01.01.07	31.12.07	654	540
01.01.08	now		550

##### Basic Tax

From	To	NOK/ tonne	NOK/ kl
01.01.00	31.12.00	231	190
01.01.01	31.12.01	464	382
01.01.02	31.12.02	473	389
01.01.03	31.12.03	483	398
01.01.04	31.12.04	490	405
01.01.05	31.12.05	501	414
01.01.06	31.12.06	510	421
01.01.07	31.12.07	519	429
01.01.07	now		845

##### Specifications

Sulphur Content:	0.09% (2001 average) 0.2% (maximum)
Delivery Size:	2 400 - 3 999 litres
Density:	0.82 - 0.86 t/kl
NCV:	9 974 kcal/kg

#### High Sulphur Fuel Oil

##### Excise Tax

From	To	NOK/ tonne	NOK/ kl
01.01.78	31.12.79	10	10
01.01.80	31.12.82	20	20
01.01.83	31.12.83	22	22
01.01.84	31.12.84	24	24
01.01.85	31.12.85	27	26
01.01.86	04.05.86	29	28
05.05.86	30.06.86	48	47
01.07.86	31.12.86	82	80
01.01.87	31.12.87	153	150
01.01.88	31.12.88	214	210
01.01.89	31.12.89	214	210
01.01.90	31.12.90	316	310
01.01.91	30.06.92	327	320

From	To	NOK/ tonne	NOK/ kl
01.07.92	31.12.92	173	170
01.01.93	31.12.94	0	0

**Special Taxes***Sulphur Tax*

From	To	NOK/ tonne	NOK/ kl
0.5% of Sulphur Content (> 0.5%)			
01.01.83	31.12.83	5	5
01.01.84	31.12.84	6	6
0,05 - 0.25% of Sulphur Content			
01.01.88	31.12.88	15	15
01.01.89	31.12.89	26	25
01.01.90	31.12.90	51	50
01.01.91	31.12.94	71	70

*CO<sub>2</sub> Tax*

From	To	NOK/ tonne	NOK/ kl
01.01.91	31.12.92	306	300
01.01.93	31.12.93	408	400
01.01.94	31.12.94	410	402

Price shown is the list price, net of the estimated rebate of 25 NOK/tonne.

**Specifications**

Quality:	Fuel Oil No. 6
Sulphur Content:	1% (4Q94 onwards) 2.5% (1Q78 to 3Q94)
Density:	0.98 t/kl (assumed)

**Light Fuel Oil**

**General Tax (GST):** See general notes for Norway.

**Excise Tax:** See amounts under low sulphur fuel oil.

**Special Taxes:** See amounts under low sulphur fuel oil.

An additional excise tax is levied on light fuel oil. This applies mostly to industry. The tax is refunded if the sulphur content is removed before it is consumed. The tax is levied on each 0.25% sulphur content. From 1 January 1992 onwards, light fuel oil with a sulphur content less than 0.05% is exempted.

**Specifications (industry)**

Quality:	Fuel Oil No. 2
Density:	0.85 t/kl

**Specifications (households)**

Quality:	Fuel Oil No. 1
Density:	0.83 t/kl

**Automotive Diesel Oil**

**Excise Tax:** As shown in excise tax column.

**Gasoline**

**General Tax (GST):** See general notes for Norway.

**Excise Tax**

Leaded Gasoline		
From	To	NOK/ litre
01.01.78	31.12.79	1.10
01.01.80	31.12.80	1.30
01.01.81	31.12.82	1.45
01.01.83	31.11.83	1.60
01.12.83	31.12.85	1.75
01.01.86	30.06.86	1.92
01.07.86	31.12.86	2.27
01.01.87	31.12.87	2.42
01.01.88	31.12.88	2.70
01.01.89	31.12.89	2.81
01.01.90	31.12.90	3.06
01.01.91	31.12.91	3.21
01.01.92	30.06.92	3.42
01.07.92	01.07.94	3.72
02.07.94	31.12.94	4.03
01.01.95	31.12.95	4.24
01.01.96	31.12.96	4.31
01.01.97	31.12.97	4.76
01.01.98	31.12.98	4.87
01.01.99	31.12.99	4.25
01.01.00	31.12.00	4.34
01.01.01	30.06.01	4.31
01.07.01	31.12.01	4.53
01.01.02	31.12.02	4.62
01.01.03	31.12.03	4.72
01.01.04	31.12.04	4.80
01.01.05	31.12.05	4.07
01.01.06	31.12.06	4.10
01.01.07	31.12.07	4.17
01.01.08	now	4.28

From January 1999 onwards, the prices for premium leaded refer to leaded substitute.

Unleaded Gasoline		
From	To	NOK/ litre
01.01.86	30.06.86	1.72
01.07.86	31.12.86	2.09
01.01.87	31.12.87	2.20
01.01.88	31.12.88	2.38
01.01.89	31.12.89	2.45
01.01.90	31.12.90	2.63
01.01.91	31.12.91	2.68
01.01.92	30.06.92	2.77
01.07.92	31.12.93	3.07



From	To	NOK/ litre
01.01.94	30.06.94	3.12
01.07.94	31.12.94	3.37
01.01.95	31.12.95	3.57
01.01.96	31.12.96	3.64
01.01.97	31.12.97	4.02
01.01.98	31.12.98	4.11
01.01.99	31.12.99	4.25
01.01.00	31.12.00	4.34
01.01.01	30.06.01	4.06
01.07.01	31.12.01	3.74
01.01.02	31.12.02	3.81
01.01.03	31.12.03	3.89
01.01.04	31.12.04	3.96
01.01.05	31.12.05	4.03
01.01.06	31.12.06	4.10
01.01.07	31.12.07	4.17
01.01.08	now	4.28

**Special Tax***CO<sub>2</sub> Tax*

From	To	NOK/ litre
01.01.91	31.12.91	0.60
01.01.92	31.12.93	0.80
01.01.94	31.12.94	0.82
01.01.95	31.12.95	0.83
01.01.96	31.12.96	0.85
01.01.97	31.12.97	0.87
01.01.98	31.12.98	0.89
01.01.99	31.12.99	0.92
01.01.00	31.12.00	0.94
01.01.01	31.12.01	0.72
01.01.02	31.12.02	0.73
01.01.03	31.12.03	0.75
01.01.04	31.12.04	0.76
01.01.05	31.12.05	0.78
01.01.06	31.12.06	0.79
01.01.07	31.12.07	0.80
01.01.08	now	0.82

**NATURAL GAS**

Very small amounts of natural gas are used for electricity generation. Prices are not available.

**COAL**

Prices for industry and households refer to average import prices (CIF), and are estimated after consultations with major importers and consumers.

**Special Tax***CO<sub>2</sub> Tax*

From	To	NOK/ kg
01.01.93	31.12.93	0.400
01.01.94	31.12.94	0.410
01.01.95	31.12.95	0.415
01.01.96	31.12.96	0.425
01.01.97	31.12.97	0.435
01.01.98	31.12.98	0.445
01.01.99	31.12.99	0.460
01.01.00	31.12.00	0.470
01.01.01	31.12.01	0.480
01.01.02	31.12.02	0.490
01.01.03	now	0.500

**Source:** Ministry of Petroleum and Energy Survey among major importers and consumers.

**ELECTRICITY****Special Tax***Consumption Tax*

From	To	NOK/ kWh
01.05.74	30.06.78	0.010
01.07.78	31.12.80	0.020
01.01.81	31.12.82	0.022
01.01.83	31.12.83	0.025
01.01.84	31.12.84	0.027
01.01.85	31.12.85	0.029
01.01.86	30.06.86	0.031
01.07.86	31.12.86	0.032
01.01.87	31.12.87	0.034
01.01.88	31.12.88	0.036
01.01.89	31.12.89	0.037
01.01.90	31.12.90	0.0385
01.01.91	31.12.91	0.040
01.01.92	31.12.92	0.0415
01.01.93	31.12.93	0.046
01.01.94	31.12.94	0.051
01.01.95	31.12.95	0.052
01.01.96	31.12.96	0.0530
01.01.97	31.12.97	0.0562
01.01.98	31.12.98	0.0575
01.01.99	31.12.99	0.0594
01.01.00	31.12.00	0.0856
01.01.01	31.12.01	0.1130
01.01.02	31.12.02	0.0930
01.01.03	31.12.03	0.0950
01.01.04	31.12.04	0.0967
01.01.05	31.12.05	0.0988
01.01.06	now	0.1050

Prices refer to average annual revenues per kWh that utilities receive from industry and households. They are converted to quarterly prices using the electricity sub-indices from the monthly Consumer Price Index (for households) and in the monthly Wholesale Price Index (for industry).

**Source:** Ministry of Industry and Energy; questionnaire survey of all power plants including those owned by industry.

### *Industry*

**Excise Tax:** Applies to power-intensive industry and paper and pulp industry.

From	To	NOK/ kWh
01.01.87	31.12.87	0.031
01.01.88	31.12.88	0.034
01.01.89	31.12.89	0.037

From 1 January 1990 onwards, the power-intensive and paper and pulp industries are paying the same tax as the other sectors.

Prices refer to the average of the prices for the energy-intensive sectors such as manufacturing, paper and products, mining, quarrying, other manufacturing, transport, construction site power, private and public services. The electricity prices for industry do not include grid rent.

### *Households*

**Note:** the electricity price series for households have been revised for the 3<sup>rd</sup> Quarter 2007 edition in order to include grid rent.

**General Taxes (VAT):** Rates vary between regions and over time. The national average rate is close to 20%.

Prices shown also include agriculture.

## ENERGY PRICE INDICES

Annual figures are 12-month averages. From 1Q93 onwards, quarterly indices refer to the three-month average of the quarter. Prior to 4Q92, indices refer to the second month of each quarter.

**Source:** Central Bureau of Statistics, *Statistisk Månedshefte*, monthly.

### *Oil Products*

Wholesale: Producer price index, refined petroleum products, domestic market.

Retail: Weighted average of consumer price index for fuels and lubricants for personal transport equipment and liquid fuels.

### *Coal Products*

Wholesale: Coal, coke and briquettes.

Retail: Consumer price index, solid fuels.

### *Electricity*

Retail: Consumer price index, electricity.

## POLAND

Table 1 - Average Prices and Taxes in Polish Zlotys

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	357	-	-	-	357
1998	..	..	..	..	..	255	-	-	-	255
1999	..	..	..	..	..	289	-	-	-	289
2000	..	..	..	..	..	490	-	-	-	490
2001	..	..	..	..	..	432	-	-	-	432
2002	..	..	..	..	..	535	-	-	-	535
2003	..	..	..	..	..	622	-	-	-	622
2004	723	-	-	-	723	634	-	-	-	634
2005	904	60	-	60	964	763	60	-	60	823
2006	1086	60	-	60	1146	897	60	-	60	957
2007	1124	60	-	60	1184	919	60	-	60	979
2Q2007	974	60	-	60	1034	876	60	-	60	936
3Q2007	1095	60	-	60	1155	980	60	-	60	1040
4Q2007	1294	60	-	60	1354	1079	60	-	60	1139
1Q2008	1357	60	-	60	1417	1040	60	-	60	1100
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	801	-	-	-	801	800	-	136	136	936
1998	554	-	-	-	554	748	-	164	164	912
1999	633	81	-	81	714	740	81	181	262	1002
2000	1050	111	-	111	1161	1217	111	292	403	1620
2001	904	127	-	127	1031	1098	127	269	396	1494
2002	875	160	-	160	1035	1033	160	262	422	1455
2003	1001	195	-	195	1196	1131	195	292	487	1618
2004	1221	197	-	197	1418	1341	197	338	535	1877
2005	1572	233	-	233	1805	1689	233	423	656	2345
2006	1740	233	-	233	1973	1885	233	466	699	2584
2007	1696	233	-	233	1929	1816	233	451	684	2500
2Q2007	1625	233	-	233	1858	1753	233	437	670	2423
3Q2007	1738	233	-	233	1971	1833	233	454	687	2520
4Q2007	1922	233	-	233	2155	1988	233	489	722	2710
1Q2008	2004	233	-	233	2237	2109	233	515	748	2857
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.774	0.372	-	0.372	1.146	0.774	0.372	0.252	0.624	1.398
1998	0.635	0.563	-	0.563	1.198	0.635	0.563	0.263	0.826	1.461
1999	0.761	0.743	-	0.743	1.504	0.761	0.743	0.331	1.074	1.835
2000	1.202	0.893	-	0.893	2.095	1.201	0.893	0.461	1.354	2.555
2001	1.159	0.933	-	0.933	2.092	1.159	0.933	0.460	1.393	2.552
2002	1.135	0.980	-	0.980	2.115	1.135	0.980	0.465	1.445	2.580
2003	1.321	1.003	-	1.003	2.324	1.321	1.003	0.511	1.514	2.835
2004	1.494	1.103	-	1.103	2.597	1.494	1.103	0.571	1.674	3.168
2005	1.830	1.188	-	1.188	3.018	1.830	1.188	0.664	1.852	3.682
2006	1.939	1.190	-	1.190	3.129	1.939	1.190	0.688	1.878	3.818
2007	1.896	1.191	-	1.191	3.087	1.896	1.191	0.679	1.870	3.766
2Q2007	1.823	1.191	-	1.191	3.014	1.823	1.191	0.663	1.854	3.677
3Q2007	1.887	1.191	-	1.191	3.078	1.887	1.191	0.677	1.868	3.755
4Q2007	2.139	1.191	-	1.191	3.330	2.139	1.191	0.733	1.924	4.063
1Q2008	2.150	1.193	-	1.193	3.343	2.150	1.193	0.735	1.928	4.078
2Q2008	..	..	..	..	..	..	..	..	..	..

## POLAND

Table 2 - Average Prices and Taxes in Polish Zlotys

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.871	0.618	0.327	0.945	1.816	0.743	0.618	0.299	0.917	1.660
1998	0.826	0.811	0.360	1.171	1.997	0.694	0.811	0.331	1.142	1.836
1999	0.972	1.045	0.444	1.489	2.461	0.865	1.045	0.420	1.465	2.330
2000	1.522	1.224	0.604	1.828	3.350	1.347	1.224	0.566	1.790	3.137
2001	1.396	1.393	0.613	2.006	3.402	1.191	1.393	0.568	1.961	3.152
2002	1.338	1.464	0.616	2.080	3.418	1.152	1.464	0.576	2.040	3.192
2003	1.454	1.498	0.649	2.147	3.601	1.250	1.498	0.605	2.103	3.353
2004	1.659	1.562	0.709	2.271	3.930	1.500	1.562	0.674	2.236	3.736
2005	1.932	1.498	0.754	2.252	4.184	1.700	1.571	0.720	2.291	3.991
2006	2.012	1.396	0.750	2.146	4.158	1.867	1.396	0.718	2.114	3.981
2007	1.962	1.647	0.794	2.441	4.403	1.804	1.647	0.759	2.406	4.210
2Q2007	2.042	1.647	0.812	2.459	4.501	1.891	1.647	0.778	2.425	4.316
3Q2007	2.089	1.647	0.822	2.469	4.558	1.922	1.647	0.785	2.432	4.354
4Q2007	2.102	1.647	0.825	2.472	4.574	1.923	1.647	0.785	2.432	4.355
1Q2008	2.037	1.648	0.811	2.459	4.496	1.855	1.648	0.770	2.418	4.273
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	428.04	-	-	-	428.04
1998	..	..	..	..	..	460.97	-	-	-	460.97
1999	..	..	..	..	..	482.92	-	-	-	482.92
2000	..	..	..	..	..	578.13	-	-	-	578.13
2001	..	..	..	..	..	709.84	-	-	-	709.84
2002	..	..	..	..	..	706.55	-	-	-	706.55
2003	0.928	0.253	0.260	0.513	1.441	684.05	-	-	-	684.05
2004	1.029	0.381	0.310	0.691	1.720	655.05	-	-	-	655.05
2005	1.083	0.449	0.337	0.786	1.870	726.60	-	-	-	726.60
2006	1.222	0.450	0.368	0.818	2.040	913.15	-	-	-	913.15
2007	1.191	0.451	0.361	0.812	2.004	1037.05	-	-	-	1037.05
2Q2007	1.063	0.451	0.333	0.784	1.847	1011.65	-	-	-	1011.65
3Q2007	1.239	0.451	0.372	0.823	2.062	1009.99	-	-	-	1009.99
4Q2007	1.376	0.451	0.402	0.853	2.228	1126.39	-	-	-	1126.39
1Q2008	1.343	0.452	0.395	0.847	2.190	1089.30	-	-	-	1089.30
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	637.89	-	108.44	108.44	746.33
1998	..	..	..	..	..	710.70	-	156.36	156.36	867.06
1999	..	..	..	..	..	793.92	-	174.66	174.66	968.58
2000	..	..	..	..	..	881.64	-	193.96	193.96	1075.60
2001	..	..	..	..	..	1020.85	-	224.59	224.59	1245.44
2002	..	..	..	..	..	1127.13	-	247.97	247.97	1375.10
2003	..	..	..	..	..	1083.37	-	238.34	238.34	1321.72
2004	..	..	..	..	..	1105.79	-	243.27	243.27	1349.07
2005	..	..	..	..	..	1174.95	-	258.49	258.49	1433.44
2006	..	..	..	..	..	1410.26	-	310.26	310.26	1720.52
2007	..	..	..	..	..	1560.48	-	343.31	343.31	1903.78
2Q2007	..	..	..	..	..	1579.32	-	347.45	347.45	1926.78
3Q2007	..	..	..	..	..	1754.95	-	386.09	386.09	2141.04
4Q2007	..	..	..	..	..	1505.32	-	331.17	331.17	1836.49
1Q2008	..	..	..	..	..	1480.90	-	325.80	325.80	1806.70
2Q2008	..	..	..	..	..	..	..	..	..	..

## POLAND

Table 3 - Average Prices and Taxes in Polish Zlotys

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	124.79	-	-	-	124.79	97.78	-	-	-	97.78
1998	153.00	-	-	-	153.00	113.81	-	-	-	113.81
1999	147.30	-	-	-	147.30	115.24	-	-	-	115.24
2000	167.38	-	-	-	167.38	122.66	-	-	-	122.66
2001	176.70	-	-	-	176.70	128.59	-	-	-	128.59
2002	162.93	-	-	-	162.93	131.52	-	-	-	131.52
2003	175.22	-	-	-	175.22	140.74	-	-	-	140.74
2004	190.02	-	-	-	190.02	145.87	-	-	-	145.87
2005	198.17	-	-	-	198.17	153.77	-	-	-	153.77
2006	201.59	-	-	-	201.59	159.57	-	-	-	159.57
2007	216.06	-	-	-	216.06	159.66	-	-	-	159.66
2Q2007	223.74	-	-	-	223.74	152.45	-	-	-	152.45
3Q2007	216.53	-	-	-	216.53	162.86	-	-	-	162.86
4Q2007	220.54	-	-	-	220.54	162.86	-	-	-	162.86
1Q2008	236.10	-	-	-	236.10	182.71	-	-	-	182.71
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	295.17	-	50.18	50.18	345.35	164.44	-	-	-	164.44
1998	304.78	-	67.05	67.05	371.83	165.70	-	-	-	165.70
1999	302.25	-	66.50	66.50	368.75	152.85	-	-	-	152.85
2000	329.96	-	72.59	72.59	402.55	169.55	-	-	-	169.55
2001	357.83	-	78.72	78.72	436.55	191.88	-	-	-	191.88
2002	376.13	-	82.75	82.75	458.88	195.18	-	-	-	195.18
2003	373.84	-	82.24	82.24	456.08	203.62	-	-	-	203.62
2004	384.57	-	84.60	84.60	469.17	350.90	-	-	-	350.90
2005	394.26	-	86.74	86.74	481.00	373.05	-	-	-	373.05
2006	414.85	-	91.27	91.27	506.12	295.31	-	-	-	295.31
2007	440.74	-	96.96	96.96	537.71	309.49	-	-	-	309.49
2Q2007	430.93	-	94.80	94.80	525.74	300.41	-	-	-	300.41
3Q2007	435.11	-	95.72	95.72	530.83	302.38	-	-	-	302.38
4Q2007	458.88	-	100.95	100.95	559.83	329.10	-	-	-	329.10
1Q2008	475.61	-	104.63	104.63	580.24	440.56	-	-	-	440.56
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.1186	-	-	-	0.1186	0.1748	-	0.0297	0.0297	0.2045
1998	0.1295	-	-	-	0.1295	0.1912	-	0.0421	0.0421	0.2333
1999	0.1458	-	-	-	0.1458	0.2117	-	0.0466	0.0466	0.2583
2000	0.1603	-	-	-	0.1603	0.2332	-	0.0513	0.0513	0.2845
2001	0.1836	-	-	-	0.1836	0.2659	-	0.0585	0.0585	0.3244
2002	0.1840	0.0150	-	0.0150	0.1990	0.2654	0.0150	0.0617	0.0767	0.3421
2003	0.1989	0.0200	-	0.0200	0.2189	0.2815	0.0200	0.0663	0.0863	0.3678
2004	0.1993	0.0200	-	0.0200	0.2193	0.2887	0.0200	0.0679	0.0879	0.3766
2005	0.2061	0.0200	-	0.0200	0.2261	0.3005	0.0200	0.0705	0.0905	0.3910
2006	0.2078	0.0200	-	0.0200	0.2278	0.3161	0.0200	0.0739	0.0939	0.4101
2007	0.2080	0.0200	-	0.0200	0.2280	0.3221	0.0200	0.0753	0.0953	0.4173
2Q2007	0.2037	0.0200	-	0.0200	0.2237	0.3252	0.0200	0.0759	0.0959	0.4211
3Q2007	0.2040	0.0200	-	0.0200	0.2240	0.3258	0.0200	0.0761	0.0961	0.4219
4Q2007	0.2119	0.0200	-	0.0200	0.2319	0.3216	0.0200	0.0751	0.0951	0.4167
1Q2008	0.2549	0.0200	-	0.0200	0.2749	0.3304	0.0200	0.0771	0.0971	0.4275
2Q2008	..	..	..	..	..	..	..	..	..	..

**POLAND**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2000 = 100	Wholesale	Retail 2000 = 100	Wholesale	Retail 2000 = 100	Wholesale	Retail 2000 = 100
1987	..	0.2	..	0.1	..	0.1	..	0.1
1988	..	0.3	..	0.2	..	0.1	..	0.4
1989	..	1.3	..	0.4	..	0.2	..	0.7
1990	..	8.7	..	5.2	..	2.0	..	6.9
1991	..	14.0	..	13.1	..	9.3	..	15.8
1992	..	19.7	..	22.2	..	22.7	..	22.8
1993	..	28.1	..	30.5	..	29.4	..	33.4
1994	..	33.8	..	42.0	..	40.4	..	50.1
1995	..	38.0	..	53.7	..	50.4	..	59.7
1996	..	45.4	..	62.4	..	59.8	..	75.3
1997	..	53.0	..	72.8	..	67.9	..	86.9
1998	..	58.8	..	83.0	..	79.1	..	93.0
1999	..	73.5	..	91.9	..	85.4	..	91.8
2000	..	100.0	..	100.0	..	100.0	..	100.0
2001	..	92.9	..	114.1	..	111.7	..	109.6
2002	..	92.2	..	122.6	..	116.1	..	115.4
2003	..	99.4	..	128.7	..	120.0	..	115.4
2004	..	111.6	..	131.1	..	124.9	..	119.3
2005	..	123.7	..	135.6	..	134.2	..	122.3
2006	..	124.8	..	141.3	..	160.7	..	128.2
2007	..	129.8	..	143.6	..	170.9	..	135.9
2Q2000	..	99.8	..	98.5	..	100.5	..	96.6
3Q2000	..	104.3	..	103.7	..	100.7	..	99.7
4Q2000	..	104.1	..	104.1	..	104.9	..	106.0
1Q2001	..	94.7	..	107.6	..	107.5	..	107.6
2Q2001	..	93.5	..	111.4	..	114.0	..	106.5
3Q2001	..	92.5	..	118.7	..	112.7	..	109.4
4Q2001	..	90.7	..	118.8	..	112.8	..	114.8
1Q2002	..	88.6	..	118.8	..	112.7	..	116.2
2Q2002	..	91.4	..	118.8	..	116.9	..	114.3
3Q2002	..	92.9	..	126.4	..	116.6	..	115.1
4Q2002	..	95.9	..	126.3	..	118.2	..	115.9
1Q2003	..	100.8	..	126.3	..	119.2	..	115.6
2Q2003	..	99.1	..	126.3	..	118.9	..	113.3
3Q2003	..	98.1	..	131.1	..	118.2	..	114.6
4Q2003	..	99.6	..	131.1	..	123.6	..	117.9
1Q2004	..	104.0	..	131.1	..	124.0	..	118.1
2Q2004	..	111.2	..	131.1	..	124.0	..	117.5
3Q2004	..	113.3	..	131.1	..	124.1	..	119.7
4Q2004	..	117.8	..	131.1	..	127.7	..	122.0
1Q2005	..	114.2	..	135.6	..	130.5	..	121.8
2Q2005	..	121.4	..	135.6	..	129.7	..	120.0
3Q2005	..	129.9	..	135.6	..	134.4	..	122.0
4Q2005	..	129.1	..	135.6	..	142.1	..	125.4
1Q2006	..	119.2	..	141.3	..	149.2	..	126.2
2Q2006	..	127.2	..	141.3	..	164.2	..	125.3
3Q2006	..	132.0	..	141.3	..	164.1	..	127.6
4Q2006	..	120.8	..	141.3	..	165.2	..	133.7
1Q2007	..	118.7	..	143.6	..	170.7	..	134.5
2Q2007	..	130.3	..	143.6	..	169.9	..	133.1
3Q2007	..	134.1	..	143.6	..	170.6	..	134.1
4Q2007	..	136.2	..	143.6	..	172.4	..	142.0
1Q2008	..	134.7	..	155.2	..	174.1	..	148.0
2Q2008	..	..	..	..	..	..	..	..

# POLAND

## GENERAL NOTES

**General Tax (VAT):** VAT is not included in prices shown for industry, electricity generation and automotive diesel oil because it is refunded on purchases for commercial purposes.

### Automotive Fuels

From	To	%
05.07.93	now	22

### Other Energy

From	To	%
05.07.93	31.12.95	7
01.01.96	31.12.96	12
01.01.97	31.12.97	17
01.01.98	now	22

**Source:** Energy Market Agency / Central Statistical Office, Warsaw.

## OIL PRODUCTS

### High Sulphur Fuel Oil

Prior to 4Q97, the prices shown are annual and quarterly average expenditures for one tonne of heavy fuel oil paid to the distributors by industry and electricity generation sectors, respectively.

#### Excise Tax

From	To	PLN/t
01.01.05	now	60

#### Specifications

Quality:	Ciezki olej opalowy (heavy heating oil)
Density:	0.955 - 0.97 t/kl
Sulphur Content:	1 - 3% (average 2.5%)
NCV:	9 793 kcal/kg

### Low Sulphur Fuel oil

Sulphur Content:	Less than 1%
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### Light Fuel Oil for Industry

#### Excise Tax

From	To	PLN/ kl	PLN/ tonne
01.07.99	31.07.99	272.31	307.0
01.08.99	31.08.99	276.26	334.0
01.09.99	31.12.99	100.00	118.34
01.01.00	29.02.00	105.00	124.26
01.03.00	31.08.00	110.00	130.18
01.09.00	31.12.00	115.00	136.09
01.01.01	31.05.01	123.00	145.56
01.06.01	31.12.01	130.00	153.85
01.01.02	31.12.02	160.00	189.35
01.01.03	31.12.03	195.00	230.77
01.01.04	31.12.04	197.00	233.14
01.01.05	now	233.00	275.74

Prices refer to the standard price for major distributors.

#### Specifications (1Q94 onwards)

Quality:	Ekoterm Plus
Density:	0.845 t/kl
Sulphur Content:	0.24 - 0.3%
NCV:	41 000 kJ/kg

#### Specifications (prior to 1Q94)

Quality:	Pozostale oleje napędowe (other diesel oils)
Density:	0.851 t/kl
Sulphur Content:	1.2%
NCV:	40 200 kJ/kg

### Automotive Diesel Oil

#### Excise Tax

From	To	PLN/ litre	PLN/ kg
05.07.93	06.11.93	0.169	0.2
07.11.93	31.12.93	0.194	0.23
01.01.94	04.06.94	0.220	0.26
05.06.94	31.12.94	0.237	0.280
01.01.95	13.08.95	0.241	0.2849
14.08.95	31.12.95	0.300	0.355
01.01.96	13.04.96	0.307	0.3638
14.04.96	27.05.97	0.355	0.42
28.05.97	15.01.98	0.384	0.455
16.01.98	02.07.98	0.544	0.644
03.07.98	26.10.98	0.584	0.691
27.10.98	30.11.98	0.604	0.715
01.12.98	31.12.98	0.634	0.750
01.01.99	28.02.99	0.665	0.787
01.03.99	31.05.99	0.698	0.826

From	To	PLN/ litre	PLN/ kg
01.06.99	31.07.99	0.733	0.867
01.08.99	31.12.99	0.806	0.954
01.01.00	29.02.00	0.846	1.001
01.03.00	31.08.00	0.886	1.049
01.09.00	31.12.00	0.926	1.096
01.01.01	31.05.01	0.902	1.067
01.06.01	31.12.01	0.955	1.130
01.01.02	31.12.02	0.980	1.160
01.01.03	31.12.03	1.003	1.187
01.01.04	31.12.04	1.103	1.305
01.01.05	31.12.05	1.188	1.406
01.01.06	31.12.06	1.190	1.408
01.01.07	31.12.07	1.191	1.409
01.01.08	now	1.193	1.412

Prices refer to pump price at major distributor's retail stations.

### Specifications:

Quality:	Olej napędowy I (diesel Oil I)
Density:	0.845 t/kl
Sulphur Content:	≤ 0.005% (2001 onwards) 0.05 - 0.2% (prior to 2001)
NCV:	10 203 kcal/kg

### Gasoline

**General Tax (VAT):** See general notes for Poland.

### Excise Tax

#### Leaded Premium

From	To	PLN/ litre	PLN/ kg
05.07.93	06.11.93	0.398	0.53
07.11.93	31.12.93	0.428	0.57
01.01.94	04.06.94	0.451	0.60
05.06.94	31.12.94	0.481	0.64
01.01.95	13.08.95	0.484	0.6445
14.08.95	31.12.95	0.563	0.7495
01.01.96	13.04.96	0.569	0.7583
14.04.96	27.05.97	0.658	0.876
28.05.97	15.01.98	0.688	0.916
16.01.98	02.07.98	0.848	1.129
03.07.98	26.10.98	0.888	1.182
27.10.98	30.11.98	0.908	1.209
01.12.98	31.12.98	0.938	1.249
01.01.99	28.02.99	0.999	1.330
01.03.99	31.05.99	1.049	1.397
01.06.99	31.07.99	1.102	1.467
01.08.99	31.12.99	1.219	1.614
01.01.00	29.02.00	1.279	1.694
01.03.00	31.08.00	1.339	1.774
01.09.00	31.12.00	1.399	1.853
01.01.01	31.05.01	1.498	1.997
01.06.01	31.12.01	1.588	2.117
01.01.02	31.12.02	1.629	2.172
01.01.03	now	not available	

#### Unleaded Premium

From	To	PLN/ litre	PLN/ kg
05.07.93	06.11.93	0.355	0.47
07.11.93	31.12.93	0.385	0.51
01.01.94	04.06.94	0.408	0.54
05.06.94	31.12.94	0.430	0.57
01.01.95	19.03.95	0.415	0.5495
20.03.95	13.08.95	0.422	0.5595
14.08.95	31.12.95	0.503	0.6665
01.01.96	13.04.96	0.510	0.6753
14.04.96	27.05.97	0.597	0.791
28.05.97	15.01.98	0.632	0.830
16.01.98	02.07.98	0.792	1.040
03.07.98	26.10.98	0.832	1.092
27.10.98	30.11.98	0.852	1.118
01.12.98	31.12.98	0.882	1.157
01.01.99	28.02.99	0.937	1.230
01.03.99	31.05.99	0.985	1.292
01.06.99	31.07.99	1.034	1.357
01.08.99	31.12.99	1.127	1.493
01.01.00	29.02.00	1.177	1.559
01.03.00	31.08.00	1.217	1.612
01.09.00	31.12.00	1.257	1.665
01.01.01	31.05.01	1.346	1.783
01.06.01	31.12.01	1.427	1.890
01.01.02	31.12.02	1.464	1.939
01.01.03	31.12.03	1.498	1.984
01.01.04	17.05.04	1.593	2.110
18.05.04	31.12.04	1.543	2.044
01.01.05	14.09.05	1.644	2.177
15.09.05	31.12.05	1.394	1.846
01.01.06	31.12.06	1.396	1.849
01.01.07	31.12.07	1.647	2.181
01.01.08	now	1.648	2.183

Prices refer to the pump price at major distributor's retail stations.

From 1Q01 onwards, the amounts of leaded premium gasoline consumption are so small that prices are no longer collected.

### Specifications

#### Leaded Premium

Octane:	94 RON
Quality:	Etylina 94
Density:	0.750 t/kl (assumed)
NCV:	10 342 kcal/kg

#### Unleaded Premium

Octane:	95 RON
Quality:	Eurosuper 95
Density:	0.755 t/kl (assumed)
NCV:	10 342 kcal/kg



*Unleaded Premium*

Octane:	98 RON
Quality:	Super Plus 98
Density:	0.759 t/kl (assumed)
NCV:	10 342 kcal/kg

**Automotive LPG****Excise Tax**

From	To	PLN/litre
01.01.03	31.12.03	0.253
01.01.04	30.04.04	0.381
01.05.04	31.12.04	0.413
01.01.05	31.12.05	0.449
01.01.06	31.12.06	0.450
01.01.07	31.12.07	0.451
01.01.08	now	0.452

**Specifications**

Quality:	gaz ciekly
Density:	0.562 t/kl
NCV:	11 297.4 kcal/kg

**NATURAL GAS**

**General Tax (VAT):** See general notes for Poland.

Prices refer to annual and quarterly average expenditures per 10<sup>7</sup> kcal of natural gas paid to the gas utilities by the industry and household sectors. Only very small amounts of natural gas are used for electricity generation.

**Specifications**

Quality:	Przemysl (industry) Gospodarstwa domowe (households)
GCV:	39.5 MJ/m <sup>3</sup> (high-methane)

**COAL****Steam Coal for Industry****Specifications**

Quality:	Wegiel energetyczny dla przemyslu (energy coal for industry)
----------	---

**NCV:**

Year	kcal/kg	Year	kcal/kg
1986	4 900	1997	5 275
1987	4 884	1998	5 302

Year	kcal/kg	Year	kcal/kg
1988	5 165	1999	5 283
1989	5 086	2000	5 521
1990	5 246	2001	5 550
1991	5 304	2002	5 563
1992	5 410	2003	5 570
1993	5 129	2004	5 571
1994	5 187	2005	6 008
1995	5 204	2006	5 567
1996	5 259		

**Steam Coal for Electricity Generation****Specifications**

Quality:	Wegiel energetyczny dla elektrowni cieplnych zawodowych (energy coal for thermal main activity producer power plants)
----------	--

**NCV:**

Year	kcal/kg	Year	kcal/kg
1986	4 779	1997	5 114
1987	4 772	1998	5 161
1988	4 352	1999	5 144
1989	4 374	2000	5 085
1990	4 682	2001	5 073
1991	4 871	2002	5 111
1992	5 013	2003	5 136
1993	5 115	2004	5 095
1994	5 128	2005	5 106
1995	5 143	2006	5 160
1996	5 143		

**Steam Coal for Households****Specifications**

Quality:	Wegiel energetyczny dla gospodarstw domowych (energy coal for households)
----------	--

**NCV:**

Year	kcal/kg	Year	kcal/kg
1986	6 202	1997	6 524
1987	6 192	1998	6 568
1988	5 865	1999	6 568
1989	6 159	2000	6 585
1990	6 572	2001	6 500
1991	5 754	2002	6 061
1992	6 421	2003	6 596
1993	6 295	2004	5 971
1994	5 811	2005	6 308
1995	5 441	2006	6 568
1996	6 568		

**Coking Coal****Specifications**

Quality:	Wgciel dla koksoelni (coke ovens).
----------	------------------------------------

## NCV:

Year	kcal/kg	Year	kcal/kg
1986	7 066	1997	7 034
1987	7 064	1998	7 055
1988	6 661	1999	7 043
1989	6 691	2000	6 984
1990	6 660	2001	7 015
1991	7 065	2002	7 053
1992	7 073	2003	7 060
1993	7 024	2004	7 059
1994	6 805	2005	7 048
1995	7 012	2006	7 068
1996	7 014		

**ELECTRICITY**

**General Tax (VAT):** See general notes for Poland.

Prices refer to annual and quarterly average expenditures per 1 kWh of electricity paid to the electricity utilities by industry and household sectors respectively.

**ENERGY PRICE INDICES***Oil Products*

Retail: Includes gasoline, lubricants, oils.

*Natural Gas*

Retail: Includes both pipelined gas and bottled gas.

*Coal*

Retail: Includes coal.

## PORTUGAL

Table 1 - Average Prices and Taxes in Euro

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	143.96	12.47	-	12.47	156.43	84.33	-	-	-	84.33
1998	127.81	12.47	-	12.47	140.28	61.95	-	-	-	61.95
1999	144.80	12.47	-	12.47	157.27	72.74	-	-	-	72.74
2000	240.70	12.47	-	12.47	253.17	161.32	-	-	-	161.32
2001	239.79	12.47	-	12.47	252.26	131.74	-	-	-	131.74
2002	234.58	12.51	-	12.51	247.09	151.98	-	-	-	151.98
2003	241.15	13.26	-	13.26	254.41	160.51	-	-	-	160.51
2004	223.84	14.78	-	14.78	238.62	148.53	-	-	-	148.53
2005	296.83	15.17	-	15.17	312.00	175.35	-	-	-	175.35
2006	370.95	15.30	-	15.30	386.25	247.84	-	-	-	247.84
2007	413.70	15.30	-	15.30	429.00	257.09	-	-	-	257.09
2Q2007	386.70	15.30	-	15.30	402.00	213.46	-	-	-	213.46
3Q2007	438.70	15.30	-	15.30	454.00	286.50	-	-	-	286.50
4Q2007	481.70	15.30	-	15.30	497.00	339.62	-	-	-	339.62
1Q2008	493.70	15.30	-	15.30	509.00	339.45	-	-	-	339.45
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	357.23	89.65	53.63	143.28	500.50
2005	..	..	..	..	..	456.00	90.65	65.60	156.25	612.25
2006	..	..	..	..	..	510.57	91.44	72.24	163.68	674.25
2007	..	..	..	..	..	515.18	134.15	77.92	212.07	727.25
2Q2007	..	..	..	..	..	501.19	137.20	76.61	213.81	715.00
3Q2007	..	..	..	..	..	527.09	137.20	79.71	216.91	744.00
4Q2007	..	..	..	..	..	586.01	137.20	86.79	223.99	810.00
1Q2008	..	..	..	..	..	657.44	137.20	95.36	232.56	890.00
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.227	0.264	0.042	0.305	0.534	0.227	0.264	0.083	0.347	0.574
1998	0.204	0.278	0.041	0.319	0.523	0.204	0.278	0.082	0.360	0.564
1999	0.204	0.265	0.040	0.304	0.509	0.204	0.265	0.080	0.344	0.549
2000	0.313	0.246	0.048	0.293	0.607	0.313	0.246	0.095	0.341	0.654
2001	0.326	0.246	0.049	0.295	0.621	0.326	0.246	0.097	0.343	0.669
2002	0.277	0.269	0.049	0.318	0.595	0.277	0.269	0.099	0.367	0.645
2003	0.306	0.290	0.057	0.347	0.653	0.306	0.290	0.113	0.403	0.709
2004	0.354	0.307	0.063	0.370	0.724	0.354	0.307	0.126	0.433	0.787
2005	0.468	0.312	0.078	0.390	0.858	0.468	0.312	0.156	0.468	0.937
2006	0.525	0.338	0.091	0.429	0.954	0.525	0.338	0.181	0.519	1.044
2007	0.529	0.364	0.094	0.458	0.987	0.529	0.364	0.188	0.552	1.081
2Q2007	0.512	0.364	0.092	0.456	0.968	0.512	0.364	0.184	0.548	1.060
3Q2007	0.537	0.364	0.095	0.459	0.996	0.537	0.364	0.189	0.554	1.091
4Q2007	0.595	0.364	0.101	0.465	1.060	0.595	0.364	0.201	0.566	1.161
1Q2008	0.635	0.364	0.105	0.469	1.104	0.635	0.364	0.210	0.574	1.209
2Q2008	..	..	..	..	..	..	..	..	..	..

## PORTUGAL

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.269	0.451	0.122	0.574	0.843	0.243	0.451	0.118	0.570	0.813
1998	0.249	0.472	0.122	0.594	0.843	0.219	0.472	0.117	0.589	0.808
1999	0.289	0.427	0.122	0.549	0.838	0.259	0.427	0.117	0.544	0.803
2000	0.468	0.303	0.131	0.434	0.902	0.438	0.303	0.126	0.428	0.867
2001	0.525	0.289	0.138	0.427	0.952	0.491	0.289	0.133	0.422	0.913
2002	0.310	0.470	0.141	0.610	0.920	0.273	0.470	0.134	0.604	0.877
2003	0.356	0.503	0.163	0.666	1.022	0.308	0.503	0.154	0.657	0.965
2004	0.401	0.522	0.175	0.697	1.098	0.346	0.522	0.165	0.687	1.033
2005	0.484	0.528	0.203	0.731	1.216	0.426	0.528	0.192	0.720	1.146
2006	0.563	0.557	0.235	0.791	1.354	0.501	0.557	0.222	0.779	1.279
2007	0.582	0.582	0.245	0.827	1.409	0.510	0.582	0.229	0.812	1.322
2Q2007	0.607	0.583	0.250	0.833	1.440	0.535	0.583	0.235	0.818	1.353
3Q2007	0.597	0.583	0.248	0.831	1.428	0.525	0.583	0.233	0.816	1.341
4Q2007	0.605	0.583	0.249	0.832	1.437	0.532	0.583	0.234	0.817	1.349
1Q2008	0.628	0.583	0.254	0.837	1.465	0.558	0.583	0.240	0.823	1.381
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	0.336	0.051	0.070	0.121	0.457	252.67	-	-	-	252.67
2003	0.344	0.051	0.075	0.126	0.470	254.56	-	-	-	254.56
2004	0.370	0.051	0.080	0.131	0.501	230.07	-	-	-	230.07
2005	0.410	0.052	0.095	0.147	0.557	273.98	-	-	-	273.98
2006	0.437	0.053	0.103	0.156	0.593	317.98	-	-	-	317.98
2007	0.436	0.054	0.103	0.157	0.594	312.99	-	-	-	312.99
2Q2007	0.431	0.054	0.102	0.156	0.587	324.90	-	-	-	324.90
3Q2007	0.431	0.054	0.102	0.156	0.587	301.08	-	-	-	301.08
4Q2007	0.452	0.054	0.106	0.161	0.613	301.08	-	-	-	301.08
1Q2008	0.481	0.054	0.112	0.167	0.648	343.28	-	-	-	343.28
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	657.93	-	32.90	32.90	690.82
2003	171.77	-	-	-	171.77	669.19	-	33.46	33.46	702.65
2004	194.84	-	-	-	194.84	696.98	-	34.85	34.85	731.83
2005	234.93	-	-	-	234.93	738.68	-	36.93	36.93	775.61
2006	282.98	-	-	-	282.98	772.92	-	38.65	38.65	811.57
2007	271.14	-	-	-	271.14	747.35	-	37.37	37.37	784.72
2Q2007	263.59	-	-	-	263.59	733.96	-	36.70	36.70	770.66
3Q2007	269.27	-	-	-	269.27	746.69	-	37.33	37.33	784.02
4Q2007	281.34	-	-	-	281.34	765.83	-	38.29	38.29	804.12
1Q2008	297.49	-	-	-	297.49	779.78	-	38.99	38.99	818.77
2Q2008	..	..	..	..	..	..	..	..	..	..

## PORTUGAL

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	36.15	-	-	-	36.15	36.74	-	-	-	36.74
1998	27.98	-	-	-	27.98	32.34	-	-	-	32.34
1999	26.32	-	-	-	26.32	29.56	-	-	-	29.56
2000	35.94	-	-	-	35.94	32.81	-	-	-	32.81
2001	45.23	-	-	-	45.23	43.09	-	-	-	43.09
2002	36.77	-	-	-	36.77	34.29	-	-	-	34.29
2003	36.28	-	-	-	36.28	33.96	-	-	-	33.96
2004	..	..	..	..	..	46.28	-	-	-	46.28
2005	..	..	..	..	..	54.42	-	-	-	54.42
2006	..	..	..	..	..	46.46	-	-	-	46.46
2007	..	..	..	..	..	55.78	-	-	-	55.78
2Q2007	..	..	..	..	..	53.18	-	-	-	53.18
3Q2007	..	..	..	..	..	56.56	-	-	-	56.56
4Q2007	..	..	..	..	..	60.58	-	-	-	60.58
1Q2008	..	..	..	..	..	83.65	-	-	-	83.65
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	37.39	-	-	-	37.39
1998	..	..	..	..	..	33.99	-	-	-	33.99
1999	..	..	..	..	..	29.80	-	-	-	29.80
2000	..	..	..	..	..	34.35	-	-	-	34.35
2001	..	..	..	..	..	43.38	-	-	-	43.38
2002	..	..	..	..	..	34.62	-	-	-	34.62
2003	..	..	..	..	..	34.27	-	-	-	34.27
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0823	-	-	-	0.0823	0.1299	-	0.0065	0.0065	0.1364
1998	0.0813	-	-	-	0.0813	0.1319	-	0.0066	0.0066	0.1385
1999	0.0731	-	-	-	0.0731	0.1257	-	0.0063	0.0063	0.1320
2000	0.0727	-	-	-	0.0727	0.1235	-	0.0062	0.0062	0.1297
2001	0.0736	-	-	-	0.0736	0.1251	-	0.0063	0.0063	0.1314
2002	0.0726	-	-	-	0.0726	0.1282	-	0.0064	0.0064	0.1346
2003	0.0734	-	-	-	0.0734	0.1316	-	0.0066	0.0066	0.1382
2004	0.0747	-	-	-	0.0747	0.1344	-	0.0067	0.0067	0.1411
2005	0.0789	-	-	-	0.0789	0.1376	-	0.0069	0.0069	0.1445
2006	0.0880	-	-	-	0.0880	0.1400	-	0.0070	0.0070	0.1470
2007	0.0938	-	-	-	0.0938	0.1483	-	0.0074	0.0074	0.1557
2Q2007	0.0938	-	-	-	0.0938	0.1483	-	0.0074	0.0074	0.1557
3Q2007	0.0938	-	-	-	0.0938	0.1483	-	0.0074	0.0074	0.1557
4Q2007	0.0938	-	-	-	0.0938	0.1483	-	0.0074	0.0074	0.1557
1Q2008	0.0938	-	-	-	0.0938	0.1483	-	0.0074	0.0074	0.1557
2Q2008	..	..	..	..	..	..	..	..	..	..

**PORTUGAL**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	64.9	..	92.9	..	53.2	..	80.9
1997	..	67.3	..	93.8	..	60.0	..	78.2
1998	..	67.1	..	95.1	..	60.6	..	81.0
1999	..	66.6	..	90.6	..	61.0	..	84.1
2000	..	72.1	..	90.0	..	70.6	..	91.2
2001	..	76.1	..	91.0	..	81.0	..	95.6
2002	..	77.5	..	93.2	..	78.3	..	95.5
2003	..	81.7	..	95.7	..	84.9	..	97.6
2004	..	88.2	..	97.8	..	88.2	..	95.4
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	111.2	..	101.4	..	109.5	..	102.3
2007	..	115.1	..	106.8	..	110.7	..	102.5
2Q2000	..	73.8	..	90.1	..	68.3	..	90.5
3Q2000	..	73.9	..	90.0	..	72.4	..	91.0
4Q2000	..	73.9	..	90.0	..	77.3	..	93.9
1Q2001	..	76.1	..	91.0	..	82.6	..	95.8
2Q2001	..	76.2	..	91.0	..	81.2	..	95.2
3Q2001	..	76.2	..	91.0	..	80.2	..	93.4
4Q2001	..	76.2	..	91.0	..	80.2	..	98.1
1Q2002	..	72.8	..	93.2	..	78.7	..	95.6
2Q2002	..	77.8	..	93.3	..	77.6	..	96.0
3Q2002	..	79.0	..	93.2	..	78.0	..	95.1
4Q2002	..	80.4	..	93.2	..	78.9	..	95.1
1Q2003	..	82.0	..	95.7	..	83.0	..	95.1
2Q2003	..	83.1	..	95.7	..	86.8	..	98.3
3Q2003	..	80.7	..	95.7	..	85.4	..	100.0
4Q2003	..	80.9	..	95.7	..	84.4	..	97.0
1Q2004	..	82.1	..	97.8	..	84.7	..	95.9
2Q2004	..	88.1	..	97.8	..	86.1	..	95.7
3Q2004	..	90.3	..	97.8	..	87.7	..	94.3
4Q2004	..	92.5	..	97.8	..	94.2	..	95.5
1Q2005	..	90.2	..	100.0	..	97.3	..	97.1
2Q2005	..	96.7	..	100.0	..	98.3	..	99.7
3Q2005	..	106.9	..	100.0	..	100.2	..	100.1
4Q2005	..	106.2	..	100.0	..	104.2	..	103.2
1Q2006	..	107.4	..	101.4	..	108.9	..	103.4
2Q2006	..	114.8	..	101.4	..	109.2	..	101.3
3Q2006	..	116.3	..	101.4	..	110.0	..	101.4
4Q2006	..	106.3	..	101.4	..	110.1	..	103.1
1Q2007	..	108.1	..	107.3	..	110.2	..	103.0
2Q2007	..	116.2	..	107.3	..	108.9	..	101.4
3Q2007	..	116.5	..	107.3	..	110.7	..	101.9
4Q2007	..	119.5	..	105.4	..	112.8	..	103.9
1Q2008	..	122.8	..	110.9	..	117.3	..	103.4
2Q2008	..	..	..	..	..	..	..	..

# PORTUGAL

## GENERAL NOTES

From 1Q93 onwards, prices refer to the monthly average of the quarter. From 1Q86 to 4Q92, prices refer to the second month of each quarter. Prior to 1Q86, prices refer to the first month of each quarter. See individual products for details.

**General Tax (VAT):** VAT is not included in prices and taxes when it is refunded. See individual products for details.

On 1 January 2004, all oil prices were liberalized. Until 31 December 2003, only gasoline IO 95, automotive diesel oil and coloured diesel had maximum prices fixed by the Government. Prior to 23 March 1992, all energy prices were determined by the central government, except for coal.

**Sources:** Ministry of Economy and Innovation. Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

## OIL PRODUCTS

### Excise Tax

**ISP (Impuestos Sobre los Productos Derivados del Petróleo):** After 1 January 2004, despite the above mentioned liberalization, ISP continues being fixed by the central Government. On 1 June 1994, the tax system for oil products was reformed in line with European practices. The ISP was fixed and selling prices varied according to changes in prices (before taxes) of the European basket. From 1 January 1991 to 30 May 1994, the (ISP) for premium leaded gasoline, diesel oil and heavy fuel oil was equal to the difference between a maximum price fixed by the Government and a monthly weighted average of prices before taxes of a basket of prices of European countries. Prior to 1991, the ISP fluctuated based on the difference between the fixed price paid by the consumer and the market price determined by the oil companies (as a function of their import cost).

### Heavy Fuel Oil

From 9 January 1997 onwards, heavy fuel oil prices are liberalised. From 24 March 1992 to 8 January 1997,

the government fixed only the maximum prices for heavy fuel oil.

### Specifications

Quality:	High Sulphur Fuel Oil
Density:	0.98 t/kl
Sulphur Content:	3.5%
NCV:	9 600 kcal/kg

### Low Sulphur Fuel Oil

#### Specifications

Density:	0.98 t/kl
Sulphur Content:	1.0%
NCV:	9 600 kcal/kg

### Light Fuel Oil

**General Tax (VAT):** 12%.

#### Specifications

Maximum Sulphur Content: 0.20 % (m/m) (ISO 8754)

### Automotive Diesel Oil

**General Tax (VAT):** From 1Q91 onwards, VAT is reimbursed 100% for heavy passenger vehicles, public transport (except rent-a-car), diesel oil for machines (non-matriculated vehicles) and agriculture tractors. For purposes other than private cars, it is reimbursed at a rate of 50%. Prior to 1Q91, in exception to general EC practice, only 50% of VAT was reimbursed to industrial and commercial buyers of automotive diesel. The non-refundable part of VAT was shown as a part of price and tax.

From	To	% Industry	% Agriculture
01.01.86	23.03.92	8	8
24.03.92	30.06.96	5	5
01.07.96	31.12.96	12	12
01.01.97	04.06.02	17	17
05.06.02	30.06.05	19	12
01.07.05	now	21	12

From 24 March 1992 onwards, the government fixed only the maximum price for diesel.

From 1 October 1997 onwards, coloured diesel was introduced mainly for agriculture. It may also be used in stationary engines and for heating purposes.

### Specifications

Density:	0.837 t/kl
Sulphur Content:	0.05% (max.) (3Q96 onwards)
Cetane Index:	51 (min.) (NP 3591, ISO 5165)

## Gasoline

### General Tax (VAT)

From	To	%
01.01.86	23.03.92	8
24.03.92	31.12.94	16
01.01.95	04.06.02	17
05.06.02	30.06.05	19
01.07.05	now	21

From 2Q99 onwards, leaded premium gasoline prices refer to leaded replacement gasoline.

From 1 July 1996 onwards, unleaded gasoline (95 RON) was included in the maximum price regime. From 24 March 1992 onwards, the government fixed only the maximum prices for leaded gasoline.

### Specifications

Sulphur Content: 50 mg/kg maximum

*Premium Leaded 98 RON*

Density: 0.755 t/kl

*Premium Unleaded 98 RON and 95 RON*

Density: 0.748 t/kl

## Automotive LPG

Pump Prices.

**Excise tax:** As shown in excise tax column.

### Specifications

Sulphur Content: 50mg/kg maximum

NCV: 11300 kcal/kg

## NATURAL GAS

### Specifications

GCV: 10 250 kcal/m<sup>3</sup>

## Industry

The I3-1 consumer type, as defined in the Price Transparency Directive (90/377/CEE) (based on an annual consumption of 41 861 GJ), is assumed to be the most representative for industry.

## Households

**General Tax (VAT):** 5%.

The Domestic Reference Consumer category D2 (based on annual consumption of 16.74 GJ), is assumed to be the most representative for Portuguese households.

**Source:** EUROSTAT.

## COAL

### Steam Coal for Industry

Prices refer to coal consumed in the cement industry.

### Steam Coal for Electricity Generation

From 1Q96 onwards, prices refer to the average of imported coal, as domestic production ceased. From 3Q84 to 4Q95, prices refer to the weighted average of imported and domestically produced coal delivered to power stations. Prior to 3Q84, prices refer to coal delivered to power stations.

### Specifications

Humidity: 10%

Ashes: 38%

### Steam Coal for Households

Consumption of coal in households is insignificant.

### Coking Coal for Industry

From	To	Notes
1Q78	4Q78	Highest selling prices declared by coal traders
1Q79	3Q81	Price reflects import prices of big industrial consumers for coke
4Q81	now	Average quarterly import price (CIF) for coking coal bought by large industrial consumers

## ELECTRICITY

### Industry

From 1985 onwards, as defined in the Price Transparency Directive, prices refer to consumer category 90/377/CEE, assumed to be the most representative for industry.

### Specifications

Consumer Type: Industrial reference consumer

Annual Consumption: 1.25 GWh

Maximum Demand: 500 kW

Annual Utilisation: 2 500 h



### *Households*

**General Tax (VAT):** 5%.

Prices refer to those of the domestic reference consumer.

#### **Specifications**

Low Voltage Tariff : < 20.7 kVA

Annual Utilisation : 500 h

### **ENERGY PRICE INDICES**

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### *Oil Products*

Retail: HICP, Fuels and lubricants for personal transport equipment (cp0722).

### *Electricity*

Retail: HICP, Electricity (cp0451).

### *Natural Gas*

Retail: HICP, Gas (cp0452).

### *Coal*

Retail: HICP, Solid fuels (cp0454).

**SLOVAK REPUBLIC**  
**Table 1 - Average Prices and Taxes in Slovak Crowns**

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	2706	-	-	-	2706
1998	x	x	x	x	x	2509	-	-	-	2509
1999	x	x	x	x	x	3073	-	-	-	3073
2000	..	..	..	..	..	..	..	..	..	..
2001	5478	-	-	-	5478	x	x	x	x	x
2002	5898	-	-	-	5898	x	x	x	x	x
2003	6410	-	-	-	6410	x	x	x	x	x
2004	6583	-	-	-	6583	x	x	x	x	x
2005	6992	-	-	-	6992	x	x	x	x	x
2006	8939	-	-	-	8939	x	x	x	x	x
2007	8358	-	-	-	8358	x	x	x	x	x
2Q2007	7933	-	-	-	7933	x	x	x	x	x
3Q2007	8633	-	-	-	8633	x	x	x	x	x
4Q2007	8867	-	-	-	8867	x	x	x	x	x
1Q2008	9667	-	-	-	9667	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	4615	-	-	-	4615	4615	8380	780	9160	13775
1998	4468	-	-	-	4468	4468	8645	787	9432	13900
1999	4968	-	-	-	4968	4968	8645	1089	9734	14702
2000	7149	-	-	-	7149	7149	8645	1579	10224	17373
2001	9640	-	-	-	9640	9640	8645	1829	10474	20114
2002	10408	-	-	-	10408	10408	273	1068	1341	11749
2003	10811	-	-	-	10811	10811	607	1599	2206	13017
2004	10922	-	-	-	10922	..	..	..	..	..
2005	15985	-	-	-	15985	..	..	..	..	..
2006	18514	-	-	-	18514	..	..	..	..	..
2007	15894	-	-	-	15894	..	..	..	..	..
2Q2007	15154	-	-	-	15154	..	..	..	..	..
3Q2007	16174	-	-	-	16174	..	..	..	..	..
4Q2007	17633	-	-	-	17633	..	..	..	..	..
1Q2008	19277	-	-	-	19277	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	9.44	11.43	-	11.43	20.87	9.44	11.43	4.80	16.23	25.67
1998	8.69	12.31	-	12.31	21.00	8.69	12.31	4.83	17.14	25.83
1999	10.18	11.76	-	11.76	21.94	10.18	11.76	5.05	16.81	26.99
2000	13.75	12.03	-	12.03	25.78	13.75	12.03	5.93	17.96	31.71
2001	12.60	12.31	-	12.31	24.91	12.60	12.31	5.73	18.04	30.64
2002	11.67	11.20	-	11.20	22.87	11.67	11.20	5.26	16.46	28.13
2003	11.79	13.15	-	13.15	24.94	11.79	13.15	4.99	18.14	29.93
2004	13.94	14.50	-	14.50	28.44	13.94	14.50	5.40	19.90	33.84
2005	17.13	14.50	-	14.50	31.63	17.13	14.50	6.01	20.51	37.64
2006	18.95	14.50	-	14.50	33.45	18.95	14.50	6.35	20.85	39.80
2007	17.25	14.50	-	14.50	31.75	17.25	14.50	6.03	20.53	37.79
2Q2007	16.70	14.50	-	14.50	31.20	16.70	14.50	5.93	20.43	37.13
3Q2007	17.28	14.50	-	14.50	31.78	17.28	14.50	6.04	20.54	37.82
4Q2007	19.22	14.50	-	14.50	33.72	19.22	14.50	6.41	20.91	40.13
1Q2008	20.31	14.50	-	14.50	34.81	20.31	14.50	6.61	21.12	41.43
2Q2008	..	..	..	..	..	..	..	..	..	..

**SLOVAK REPUBLIC**  
**Table 2 - Average Prices and Taxes in Slovak Crowns**

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	11.07	7.66	4.31	11.97	23.04	10.52	7.50	4.14	11.64	22.16
1998	10.49	7.88	4.23	12.11	22.60	9.88	7.88	4.08	11.96	21.84
1999	12.35	9.41	5.00	14.41	26.76	11.80	10.19	5.06	15.25	27.05
2000	16.69	11.78	6.55	18.33	35.02	15.44	11.78	6.26	18.04	33.48
2001	15.54	11.78	6.28	18.06	33.60	14.01	11.79	5.93	17.72	31.73
2002	14.70	11.80	6.10	17.90	32.60	12.65	11.80	5.63	17.43	30.08
2003	14.46	13.95	5.68	19.63	34.09	12.25	13.95	5.24	19.19	31.44
2004	16.25	15.50	6.03	21.53	37.78	14.07	15.50	5.62	21.12	35.19
2005	17.92	15.50	6.35	21.85	39.77	15.83	15.50	5.95	21.45	37.28
2006	19.83	15.50	6.71	22.21	42.04	17.71	15.50	6.31	21.81	39.52
2007	18.69	15.50	6.50	22.00	40.68	16.46	15.50	6.07	21.57	38.03
2Q2007	19.14	15.50	6.58	22.08	41.22	16.89	15.50	6.15	21.65	38.54
3Q2007	19.39	15.50	6.63	22.13	41.52	17.12	15.50	6.20	21.70	38.82
4Q2007	19.32	15.50	6.62	22.12	41.44	17.18	15.50	6.21	21.71	38.89
1Q2008	19.47	15.50	6.65	22.15	41.62	17.65	15.50	6.30	21.80	39.45
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	3978.5	-	-	-	3978.5
1998	..	..	..	..	..	4391.3	-	-	-	4391.3
1999	..	..	..	..	..	4411.0	-	-	-	4411.0
2000	..	..	..	..	..	4689.8	-	-	-	4689.8
2001	..	..	..	..	..	5152.3	-	-	-	5152.3
2002	8.10	1.83	1.39	3.22	11.32	6015.8	-	-	-	6015.8
2003	8.92	3.31	1.71	5.02	13.94	8108.0	-	-	-	8108.0
2004	9.29	4.26	2.57	6.83	16.12	7832.0	-	-	-	7832.0
2005	10.59	4.26	2.82	7.08	17.67	8921.0	-	-	-	8921.0
2006	14.60	4.26	3.58	7.84	22.44	11234.7	-	-	-	11234.7
2007	13.57	4.26	3.39	7.65	21.22	10370.0	-	-	-	10370.0
2Q2007	13.40	4.26	3.36	7.62	21.02	10098.0	-	-	-	10098.0
3Q2007	12.88	4.26	3.26	7.52	20.40	10275.0	-	-	-	10275.0
4Q2007	15.00	4.26	3.65	7.91	22.91	10674.0	-	-	-	10674.0
1Q2008	14.50	4.26	3.56	7.82	22.32	11587.0	-	-	-	11587.0
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	3978.5	-	-	-	3978.5	2382.9	-	143.0	143.0	2525.9
1998	4391.3	-	-	-	4391.3	2434.3	-	146.1	146.1	2580.3
1999	4411.0	-	-	-	4411.0	2981.0	-	238.5	238.5	3219.5
2000	4689.8	-	-	-	4689.8	4551.0	-	455.1	455.1	5006.1
2001	5139.8	-	-	-	5139.8	5066.5	-	506.7	506.7	5573.2
2002	5971.0	-	-	-	5971.0	5178.5	-	517.9	517.9	5696.4
2003	8108.0	-	-	-	8108.0	7381.0	-	1033.0	1033.0	8414.0
2004	7832.0	-	-	-	7832.0	9523.0	-	1809.0	1809.0	11332.0
2005	8921.0	-	-	-	8921.0	10930.0	-	2076.7	2076.7	13006.7
2006	11234.7	-	-	-	11234.7	13792.7	-	2620.6	2620.6	16413.3
2007	10370.0	-	-	-	10370.0	13622.0	-	2588.2	2588.2	16210.2
2Q2007	10098.0	-	-	-	10098.0	13622.0	-	2588.0	2588.0	16210.0
3Q2007	10275.0	-	-	-	10275.0	13622.0	-	2588.0	2588.0	16210.0
4Q2007	10674.0	-	-	-	10674.0	13622.0	-	2588.0	2588.0	16210.0
1Q2008	11587.0	-	-	-	11587.0	14100.0	-	2679.0	2679.0	16779.0
2Q2008	..	..	..	..	..	..	..	..	..	..

**SLOVAK REPUBLIC**  
**Table 3 - Average Prices and Taxes in Slovak Crowns**

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1055	-	-	-	1055	714	-	-	-	714
1998	1088	-	-	-	1088	730	-	-	-	730
1999	1150	-	-	-	1150	739	-	-	-	739
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	2431	..	..	..	..	..
1998	..	..	..	..	2580	..	..	..	..	..
1999	..	..	..	..	2989	..	..	..	..	..
2000	..	..	..	..	3272	..	..	..	..	..
2001	..	..	..	..	3698	..	..	..	..	..
2002	..	..	..	..	2359	..	..	..	..	..
2003	..	..	..	..	2580	..	..	..	..	..
2004	..	..	..	..	2846	..	..	..	..	..
2005	..	..	..	..	3035	..	..	..	..	..
2006	..	..	..	..	3323	..	..	..	..	..
2007	..	..	..	..	3555	..	..	..	..	..
2Q2007	..	..	..	..	3496	..	..	..	..	..
3Q2007	..	..	..	..	3522	..	..	..	..	..
4Q2007	..	..	..	..	3702	..	..	..	..	..
1Q2008	..	..	..	..	3892	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1.64	-	-	-	1.64	0.93	-	0.06	0.06	0.99
1998	1.71	0.01	-	0.01	1.72	0.93	-	0.06	0.06	0.99
1999	1.70	0.01	-	0.01	1.71	1.32	0.01	0.11	0.12	1.44
2000	1.93	0.02	-	0.02	1.95	2.09	0.02	0.21	0.23	2.32
2001	2.06	0.02	-	0.02	2.08	2.74	0.03	0.28	0.30	3.04
2002	2.14	0.01	-	0.01	2.15	2.73	0.01	0.28	0.29	3.02
2003	2.57	-	-	-	2.57	3.35	-	0.47	0.47	3.82
2004	2.67	-	-	-	2.67	3.63	-	0.69	0.69	4.32
2005	2.68	-	-	-	2.68	3.67	-	0.70	0.70	4.37
2006	2.91	-	-	-	2.91	3.88	-	0.73	0.73	4.61
2007	3.38	-	-	-	3.38	3.89	-	0.74	0.74	4.63
2Q2007	3.39	-	-	-	3.39	4.01	-	0.76	0.76	4.77
3Q2007	3.36	-	-	-	3.36	4.00	-	0.76	0.76	4.76
4Q2007	3.41	-	-	-	3.41	3.74	-	0.71	0.71	4.45
1Q2008	3.77	-	-	-	3.77	3.73	-	0.70	0.70	4.43
2Q2008	..	..	..	..	..	..	..	..	..	..

**SLOVAK REPUBLIC**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale 1995 = 100	Retail 2005 = 100	Wholesale 1995 = 100	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	29.0	..	51.1	..	..	..
1988	..	..	29.0	..	51.1	..	..	..
1989	..	..	29.6	..	36.4	..	..	..
1990	..	..	34.2	..	42.3	..	..	..
1991	..	..	81.1	..	71.8	..	..	..
1992	..	..	95.2	..	68.4	..	..	..
1993	..	..	100.0	..	88.2	..	..	..
1994	..	..	100.0	..	90.5	..	..	..
1995	..	..	100.0	..	100.0	..	..	..
1996	..	54.5	104.6	20.7	93.5	18.7	..	44.7
1997	..	58.5	113.4	21.8	92.0	18.8	..	49.5
1998	..	58.2	..	21.8	..	18.9	..	53.3
1999	..	69.2	..	36.0	..	23.7	..	61.0
2000	..	89.3	..	57.6	..	35.5	..	65.8
2001	..	85.0	..	67.8	..	43.0	..	71.9
2002	..	80.5	..	68.6	..	43.4	..	77.0
2003	..	84.2	..	88.0	..	64.0	..	82.9
2004	..	93.7	..	98.5	..	84.9	..	92.9
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	105.7	..	104.7	..	126.2	..	109.5
2007	..	101.6	..	104.5	..	124.6	..	116.7
2Q2000	..	90.2	..	59.1	..	36.1	..	65.2
3Q2000	..	90.2	..	59.1	..	36.0	..	65.6
4Q2000	..	90.2	..	59.1	..	36.6	..	67.3
1Q2001	..	84.3	..	65.5	..	41.4	..	70.4
2Q2001	..	90.9	..	68.6	..	43.5	..	71.4
3Q2001	..	84.7	..	68.6	..	43.4	..	71.9
4Q2001	..	80.1	..	68.6	..	43.4	..	74.1
1Q2002	..	78.3	..	68.6	..	43.4	..	76.0
2Q2002	..	83.3	..	68.6	..	43.4	..	76.6
3Q2002	..	81.4	..	68.6	..	43.4	..	77.5
4Q2002	..	79.1	..	68.6	..	43.4	..	77.9
1Q2003	..	81.5	..	88.0	..	64.1	..	81.6
2Q2003	..	78.2	..	88.0	..	64.1	..	81.8
3Q2003	..	88.3	..	88.0	..	63.9	..	82.7
4Q2003	..	88.8	..	88.0	..	63.9	..	85.6
1Q2004	..	89.3	..	98.5	..	84.8	..	90.5
2Q2004	..	94.3	..	98.5	..	84.8	..	91.3
3Q2004	..	96.2	..	98.5	..	84.9	..	93.1
4Q2004	..	95.1	..	98.5	..	85.0	..	96.7
1Q2005	..	90.5	..	100.0	..	95.1	..	99.1
2Q2005	..	97.9	..	100.0	..	95.1	..	98.6
3Q2005	..	105.4	..	100.0	..	95.1	..	99.1
4Q2005	..	106.2	..	100.0	..	114.8	..	103.2
1Q2006	..	104.2	..	104.7	..	124.6	..	107.6
2Q2006	..	108.4	..	104.7	..	124.6	..	108.2
3Q2006	..	109.1	..	104.7	..	124.6	..	109.0
4Q2006	..	101.2	..	104.7	..	130.8	..	113.0
1Q2007	..	95.8	..	104.5	..	124.6	..	115.2
2Q2007	..	98.6	..	104.5	..	124.6	..	118.4
3Q2007	..	100.4	..	104.5	..	124.6	..	115.0
4Q2007	..	111.7	..	104.5	..	124.6	..	118.2
1Q2008	..	118.0	..	107.2	..	128.9	..	118.8
2Q2008	..	..	..	..	..	..	..	..

## SLOVAK REPUBLIC

### GENERAL NOTES

From 1Q93 onwards, prices and taxes refer to the independent Slovak Republic. Prior to 1Q93, prices and taxes refer to the former Czechoslovakia.

**Source:** Unless specified otherwise, Ministry of the Economy, Slovak Republic.

### OIL PRODUCTS

**General Tax (VAT):** VAT is refunded when a registered taxpayer or entity exports fuel, stock draws for tax-free purposes, returns of fuels from wholesalers to producer (if there is an error in tax computation), or use of taxed fuels to produce environmental fuels. See individual products for exceptions.

#### Heavy Fuel Oil

**General Tax (VAT):** VAT is refunded when it is used as an engine fuel.

#### Excise Tax

From	To	SKK/ tonne
01.01.93	31.07.97	0
01.08.97	31.12.02	300
01.01.03	31.07.03	600
01.08.03	now	800

From 2Q00 onwards, high-sulphur fuel oil with a sulphur content greater than 2% is no longer consumed in industry or for electricity generation.

#### Specifications

Density:	990 kg/m <sup>3</sup> (assumed)
Sulphur Content:	> 1%
NCV:	9 699 kcal/kg

#### Light Fuel Oil for Industry

Excise tax and VAT are refunded for industry.

#### Specifications

Density:	0.91 t/kl (assumed)
Sulphur Content:	< 1%
NCV:	10 101 kcal/kg

#### Light Fuel Oil for Households

Light fuel use in households is negligible and this series has been discontinued as of the 4<sup>th</sup> quarter 2003 edition.

#### General Tax (VAT)

From	To	%
01.01.93	31.07.93	5
01.08.93	31.12.00	6
01.01.01	31.12.02	10
01.01.03	31.07.03	14
01.08.03	now	19

#### Excise Tax

From	To	SKK/ kl	SKK/ tonne
01.01.93	31.07.94	0	0
01.08.94	31.07.97	8 190	9 000
01.08.97	31.12.01	8 645	9 500
01.01.02	31.12.02	273	300
01.01.03	31.07.03	546	600
01.08.03	now	728	800

#### Automotive Diesel Oil

**General Tax (VAT):** VAT is refunded for industry or when used for railroads, public transport or goods transport.

From	To	%
01.01.93	31.07.93	23
01.08.93	31.12.95	25
01.01.96	31.12.02	23
01.01.03	31.07.03	20
01.01.04	now	19

#### Excise Tax

From	To	SKK/ litre	SKK/ tonne
01.01.93	31.07.94	6.95	8 250
01.08.94	31.07.97	7.59	9 000
01.08.97	31.12.98	8.01	9 500
01.01.99	30.06.99	8.85	10 500
01.07.99	31.12.99	10.54	12 500
01.01.00	31.12.00	12.31	14 600
01.01.01	31.12.02	11.20	
01.01.03	31.07.03	11.80	
01.08.03	now	14.50	

#### Specifications

Density:	0.845 t/kl (assumed)
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## Gasoline

### General Tax (VAT)

From	To	%
01.01.93	31.07.93	23
01.08.93	31.12.95	25
01.01.96	31.12.02	23
01.01.03	31.07.03	20
01.08.03	now	19

### Excise Tax

Leaded Regular			
From	To	SKK/ litre	SKK/ tonne
01.01.93	31.07.94	8.26	10 800
01.08.94	31.07.97	8.34	10 900
01.08.97	31.12.98		11 400
01.01.99	31.12.99		12 400

Leaded Regular Substitute			
From	To	SKK/ litre	SKK/ tonne
01.07.97	now	See unleaded	

Unleaded			
From	To	SKK/ litre	SKK/ tonne
01.01.93	31.07.94	7.18	9 390
01.08.94	30.06.97	7.5	9 800
01.07.97	31.12.98	7.88	10 300
01.01.99	31.07.99	8.64	11 300
01.08.99	31.12.99	10.17	13 300
01.01.00	31.12.01	11.78	15 400
01.01.02	31.12.02	11.80	
01.01.03	31.07.03	12.40	
01.08.03	now	15.50	

From 1 July 1997 onwards, prices and taxes in the tables for leaded refer to leaded substitute.

### Specifications

#### Premium Unleaded 95 RON

Quality: Benzin 95 RON/Euro Super

Density: 0.755 t/kl

#### Leaded Regular Substitute (3Q97 onwards)

Quality: Benzin Special

#### Leaded Regular (prior to 3Q97)

Quality: Benzin 91 RON

Density: 0.745 t/kl

## Automotive LPG

**General Tax (VAT):** VAT is refunded for industry and for commercial use.

**Excise Tax:** As shown in the excise tax column.

## NATURAL GAS

### Specifications

GCV: 8 972 kcal/m<sup>3</sup>  
(15°C, 101.325 kPa, dry gas)

## COAL

**Source:** Statistics Slovakia.

### Specifications

NCV: 6 023 kcal/kg (assumed)

### Quality

From	To	
01.01.89	31.12.01	Steam coal (Čierne uhlie)
01.01.02	now	Brown coal (Hnedé uhlie)

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

## Oil Products

Retail: HICP, Fuels and lubricants for personal transport equipment (cp0722).

## Electricity

Retail: HICP, Electricity (cp0451).

## Natural Gas

Retail: HICP, Gas (cp0452).

## Coal

Retail: HICP, Solid fuels (cp0454).

## SPAIN

Table 1 - Average Prices and Taxes in Euro

Low Sulphur Fuel Oil for Industry (per tonne)						High Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	139.12	12.92	-	12.92	152.04	137.91	12.92	-	12.92	150.83
1998	121.98	13.19	-	13.19	135.17	100.74	13.19	-	13.19	113.93
1999	144.07	13.43	-	13.43	157.50	122.29	13.43	-	13.43	135.72
2000	233.24	13.43	-	13.43	246.67	188.86	13.43	-	13.43	202.29
2001	208.65	13.43	-	13.43	222.08	166.35	13.43	-	13.43	179.78
2002	220.47	14.43	-	14.43	234.90	181.31	14.43	-	14.43	195.74
2003	225.17	14.43	-	14.43	239.60	189.93	14.43	-	14.43	204.36
2004	206.22	14.43	-	14.43	220.65	..	..	..	..	..
2005	286.49	14.43	-	14.43	300.92	..	..	..	..	..
2006	331.14	14.43	-	14.43	345.57	..	..	..	..	..
2007	323.40	15.00	-	15.00	338.40	..	..	..	..	..
2Q2007	311.44	15.00	-	15.00	326.44	..	..	..	..	..
3Q2007	346.49	15.00	-	15.00	361.49	..	..	..	..	..
4Q2007	366.64	15.00	-	15.00	381.64	..	..	..	..	..
1Q2008	394.22	15.00	-	15.00	409.22	..	..	..	..	..
2Q2008	407.76	15.00	-	15.00	422.76	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	175.60	75.73	-	75.73	251.33	175.60	75.73	40.21	115.94	291.54
1998	142.37	77.32	-	77.32	219.69	142.37	77.32	35.15	112.47	254.84
1999	169.38	78.71	-	78.71	248.09	169.38	78.71	39.70	118.41	287.79
2000	287.87	78.71	-	78.71	366.59	287.87	78.71	58.65	137.37	425.24
2001	257.84	78.71	-	78.71	336.55	257.84	78.71	53.85	132.56	390.40
2002	233.95	84.71	-	84.71	318.66	233.95	84.71	50.99	135.70	369.65
2003	248.85	84.71	-	84.71	333.56	248.85	84.71	53.37	138.08	386.93
2004	288.05	84.71	-	84.71	372.76	288.05	84.71	59.64	144.35	432.40
2005	393.88	84.71	-	84.71	478.59	393.88	84.71	76.58	161.29	555.17
2006	446.18	84.71	-	84.71	530.89	446.18	84.71	84.94	169.65	615.84
2007	448.91	84.71	-	84.71	533.62	448.91	84.71	85.38	170.09	619.00
2Q2007	426.93	84.71	-	84.71	511.64	426.93	84.71	81.86	166.57	593.50
3Q2007	453.39	84.71	-	84.71	538.10	453.39	84.71	86.10	170.81	624.19
4Q2007	522.71	84.71	-	84.71	607.42	522.71	84.71	97.19	181.90	704.61
1Q2008	569.77	84.71	-	84.71	654.48	569.77	84.71	104.71	189.42	759.19
2Q2008	649.88	84.71	-	84.71	734.59	649.88	84.71	117.54	202.25	852.12
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.223	0.260	-	0.260	0.483	0.223	0.260	0.077	0.337	0.560
1998	0.192	0.265	-	0.265	0.457	0.192	0.265	0.073	0.338	0.530
1999	0.218	0.270	-	0.270	0.487	0.218	0.270	0.078	0.348	0.565
2000	0.330	0.270	-	0.270	0.600	0.330	0.270	0.096	0.366	0.695
2001	0.327	0.270	-	0.270	0.597	0.327	0.270	0.096	0.366	0.693
2002	0.300	0.294	-	0.294	0.594	0.300	0.294	0.095	0.389	0.689
2003	0.304	0.294	-	0.294	0.598	0.304	0.294	0.096	0.390	0.694
2004	0.357	0.294	-	0.294	0.651	0.357	0.294	0.104	0.398	0.755
2005	0.476	0.294	-	0.294	0.770	0.476	0.294	0.123	0.417	0.893
2006	0.522	0.294	-	0.294	0.816	0.522	0.294	0.131	0.425	0.947
2007	0.524	0.302	-	0.302	0.826	0.524	0.302	0.132	0.434	0.957
2Q2007	0.511	0.302	-	0.302	0.813	0.511	0.302	0.130	0.432	0.943
3Q2007	0.534	0.302	-	0.302	0.836	0.534	0.302	0.134	0.436	0.969
4Q2007	0.584	0.302	-	0.302	0.886	0.584	0.302	0.142	0.444	1.027
1Q2008	0.630	0.302	-	0.302	0.932	0.630	0.302	0.149	0.451	1.081
2Q2008	0.715	0.302	-	0.302	1.017	0.715	0.302	0.163	0.465	1.180



## SPAIN

Table 2 - Average Prices and Taxes in Euro

Premium Unleaded (95 RON) Gasoline (per litre)						Premium Leaded/Lead Replacement Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.245	0.358	0.096	0.454	0.699	0.234	0.389	0.100	0.489	0.724
1998	0.208	0.365	0.092	0.457	0.665	0.207	0.398	0.097	0.494	0.702
1999	0.232	0.372	0.097	0.468	0.700	0.231	0.405	0.102	0.506	0.737
2000	0.335	0.372	0.113	0.485	0.819	0.350	0.405	0.121	0.525	0.875
2001	0.324	0.372	0.111	0.483	0.807	0.341	0.404	0.119	0.523	0.864
2002	0.306	0.396	0.112	0.508	0.814	0.324	0.427	0.120	0.547	0.871
2003	0.308	0.396	0.113	0.509	0.817	0.337	0.427	0.122	0.549	0.886
2004	0.353	0.396	0.120	0.516	0.869	0.383	0.427	0.130	0.557	0.940
2005	0.427	0.396	0.132	0.528	0.955	0.468	0.427	0.143	0.570	1.038
2006	0.483	0.396	0.141	0.537	1.020	0.532	0.427	0.153	0.580	1.112
2007	0.496	0.396	0.143	0.539	1.035	..	..	..	..	..
2Q2007	0.514	0.396	0.146	0.542	1.056	0.532	0.427	0.153	0.580	1.112
3Q2007	0.517	0.396	0.146	0.542	1.059	0.530	0.427	0.153	0.580	1.110
4Q2007	0.526	0.396	0.147	0.543	1.070	x	x	x	x	x
1Q2008	0.546	0.396	0.151	0.547	1.092	x	x	x	x	x
2Q2008	0.594	0.396	0.159	0.555	1.149	x	x	x	x	x
Automotive LPG for Non-Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	137.08	-	-	-	137.08
1998	..	..	..	..	..	123.70	-	-	-	123.70
1999	..	..	..	..	..	123.37	-	-	-	123.37
2000	0.323	0.032	0.057	0.089	0.412	190.29	-	-	-	190.29
2001	0.330	0.032	0.058	0.090	0.420	196.55	-	-	-	196.55
2002	0.317	0.033	0.056	0.089	0.406	175.58	-	-	-	175.58
2003	0.343	0.033	0.060	0.093	0.436	180.53	-	-	-	180.53
2004	0.368	0.033	0.064	0.097	0.465	173.57	-	-	-	173.57
2005	0.437	0.032	0.075	0.107	0.544	204.61	-	-	-	204.61
2006	0.499	0.032	0.085	0.117	0.616	282.85	-	-	-	282.85
2007	0.465	0.032	0.079	0.111	0.576	277.61	-	-	-	277.61
2Q2007	0.464	0.032	0.079	0.111	0.575	270.23	-	-	-	270.23
3Q2007	0.458	0.032	0.078	0.110	0.568	272.80	-	-	-	272.80
4Q2007	0.441	0.032	0.076	0.108	0.549	282.66	-	-	-	282.66
1Q2008	0.439	0.032	0.075	0.107	0.546	296.42	-	-	-	296.42
2Q2008	0.444	0.032	0.076	0.108	0.552	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	124.67	-	-	-	124.67	415.69	-	66.51	66.51	482.20
1998	115.16	-	-	-	115.16	412.75	-	66.04	66.04	478.78
1999	112.45	-	-	-	112.45	388.99	-	62.24	62.24	451.23
2000	179.02	-	-	-	179.02	459.61	-	73.54	73.54	533.15
2001	..	..	..	..	..	489.10	-	78.26	78.26	567.36
2002	..	..	..	..	..	454.52	-	72.72	72.72	527.24
2003	..	..	..	..	..	453.31	-	72.53	72.53	525.84
2004	..	..	..	..	..	446.39	-	71.42	71.42	517.82
2005	..	..	..	..	..	475.13	-	76.02	76.02	551.15
2006	..	..	..	..	..	520.02	-	83.20	83.20	603.22
2007	..	..	..	..	..	546.16	-	87.39	87.39	633.55
2Q2007	..	..	..	..	..	538.50	-	86.16	86.16	624.66
3Q2007	..	..	..	..	..	538.50	-	86.16	86.16	624.66
4Q2007	..	..	..	..	..	554.66	-	88.75	88.75	643.41
1Q2008	..	..	..	..	..	558.44	-	89.35	89.35	647.79
2Q2008	..	..	..	..	..	..	..	..	..	..

## SPAIN

Table 3 - Average Prices and Taxes in Euro

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	c	c	c	c	c
1998	..	..	..	..	..	c	c	c	c	c
1999	..	..	..	..	..	c	c	c	c	c
2000	..	..	..	..	..	c	c	c	c	c
2001	..	..	..	..	..	c	c	c	c	c
2002	..	..	..	..	..	c	c	c	c	c
2003	..	..	..	..	..	c	c	c	c	c
2004	..	..	..	..	..	c	c	c	c	c
2005	..	..	..	..	..	c	c	c	c	c
2006	..	..	..	..	..	c	c	c	c	c
2007	..	..	..	..	..	c	c	c	c	c
2Q2007	..	..	..	..	..	c	c	c	c	c
3Q2007	..	..	..	..	..	c	c	c	c	c
4Q2007	..	..	..	..	..	c	c	c	c	c
1Q2008	..	..	..	..	..	c	c	c	c	c
2Q2008	..	..	..	..	..	c	c	c	c	c
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0533	-	-	-	0.0533	0.1240	-	0.0198	0.0198	0.1438
1998	0.0484	0.0025	-	0.0025	0.0509	0.1139	0.0058	0.0192	0.0250	0.1389
1999	0.0437	0.0022	-	0.0022	0.0459	0.1084	0.0055	0.0182	0.0237	0.1321
2000	0.0440	0.0022	-	0.0022	0.0462	0.1043	0.0053	0.0175	0.0228	0.1271
2001	0.0437	0.0022	-	0.0022	0.0459	0.0995	0.0051	0.0167	0.0218	0.1213
2002	0.0489	0.0025	-	0.0025	0.0514	0.0991	0.0051	0.0167	0.0218	0.1209
2003	0.0453	0.0023	-	0.0023	0.0476	0.0996	0.0051	0.0168	0.0218	0.1215
2004	0.0459	0.0023	-	0.0023	0.0482	0.1001	0.0051	0.0168	0.0219	0.1220
2005	0.0638	0.0033	-	0.0033	0.0671	0.1014	0.0052	0.0170	0.0222	0.1236
2006	0.0692	0.0035	-	0.0035	0.0728	0.1077	0.0055	0.0181	0.0236	0.1313
2007	0.0622	0.0032	-	0.0032	0.0654	0.1119	0.0057	0.0188	0.0245	0.1365
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**SPAIN**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	65.3	..	110.1	..	77.3	..	..
1997	..	67.4	..	108.9	..	80.9	..	..
1998	..	64.9	..	106.0	..	76.2	..	..
1999	..	68.8	..	102.2	..	78.7	..	..
2000	..	82.2	..	99.8	..	83.9	..	..
2001	..	80.5	..	95.8	..	95.4	..	..
2002	..	80.9	..	95.6	..	93.2	..	..
2003	..	82.2	..	96.9	..	92.6	..	..
2004	..	88.3	..	98.4	..	92.1	..	..
2005	..	100.0	..	100.0	..	100.0	..	..
2006	..	107.0	..	104.8	..	119.0	..	..
2007	..	108.3	..	108.1	..	119.3	..	..
2Q2000	..	81.5	..	99.8	..	83.2	..	..
3Q2000	..	84.0	..	99.8	..	84.1	..	..
4Q2000	..	86.9	..	99.8	..	86.3	..	..
1Q2001	..	80.8	..	95.8	..	93.8	..	..
2Q2001	..	84.3	..	95.8	..	97.7	..	..
3Q2001	..	81.2	..	95.8	..	95.9	..	..
4Q2001	..	75.5	..	95.8	..	94.0	..	..
1Q2002	..	77.5	..	95.6	..	96.3	..	..
2Q2002	..	82.5	..	95.6	..	92.2	..	..
3Q2002	..	81.8	..	95.6	..	93.0	..	..
4Q2002	..	81.7	..	95.6	..	91.5	..	..
1Q2003	..	85.7	..	96.9	..	90.9	..	..
2Q2003	..	80.9	..	96.9	..	93.6	..	..
3Q2003	..	81.7	..	96.9	..	92.7	..	..
4Q2003	..	80.4	..	96.9	..	93.4	..	..
1Q2004	..	81.7	..	98.4	..	93.1	..	..
2Q2004	..	87.8	..	98.4	..	90.4	..	..
3Q2004	..	90.8	..	98.4	..	91.5	..	..
4Q2004	..	92.7	..	98.4	..	93.5	..	..
1Q2005	..	90.8	..	100.0	..	93.6	..	..
2Q2005	..	97.4	..	100.0	..	98.0	..	..
3Q2005	..	107.0	..	100.0	..	101.5	..	..
4Q2005	..	104.8	..	100.0	..	106.9	..	..
1Q2006	..	104.4	..	104.4	..	115.7	..	..
2Q2006	..	111.1	..	104.4	..	121.5	..	..
3Q2006	..	111.7	..	105.2	..	120.3	..	..
4Q2006	..	100.8	..	105.2	..	118.4	..	..
1Q2007	..	100.2	..	108.1	..	120.0	..	..
2Q2007	..	108.1	..	108.1	..	117.4	..	..
3Q2007	..	110.0	..	108.1	..	117.7	..	..
4Q2007	..	114.8	..	108.1	..	122.1	..	..
1Q2008	..	119.5	..	111.6	..	128.4	..	..
2Q2008	..	..	..	..	..	..	..	..

## SPAIN

### GENERAL NOTES

From 1Q93 onwards, prices refer to weekly average of the quarter. From 1Q86 to 4Q92, prices refer to the second month of each quarter. Prior to 1Q86, prices refer to the first month of each quarter. See individual products for details.

All energy prices are determined by the central government except coal prices for industry and households. No rebates are allowed on government prices.

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel for commercial purposes because it is refunded.

From	To	%
01.01.86	31.12.91	12
01.01.92	31.07.92	13
01.08.92	31.12.94	15
01.01.95	now	16

**Source:** Ministerio de Economía.

### OIL PRODUCTS

**Special Tax (Renta):** The Renta was regularly determined as the difference between end-use prices (less other taxes) and a unit cost that reflected the actual cost of crude oil, refining and distribution. On 10 July 1990 the Renta was abolished. From 1Q86 to 2Q90, prices and taxes shown include the Renta. Prior to 1Q86, the prices shown (but not the taxes) include the Renta.

Since 2002 the government has allowed the Regional Authorities to set an additional tax called "Impuesto sobre ventas minoristas".

#### Regional Authorities Tax

Region	Gasoline 97 RON EUR/litre	Gasoline 95 RON EUR/litre	Diesel Oil (EUR/litre)
Madrid	0.017	0.017	0.017
Asturias	0.024	0.024	0.020
Galicia	0.024	0.024	0.012
Cataluña	0.024	0.024	0.024
Castilla La Mancha	0.024	0.024	0.024
C. Valenciana	0.024	0.024	0.012

**Source:** Unless specified otherwise, prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### High Sulphur Fuel Oil

#### Excise Tax (excludes Renta)

From	To	EUR/ tonne	ESP/ tonne
01.01.86	31.12.88	0.60	100
01.01.89	31.12.92	10.22	1700
01.01.93	31.12.93	10.82	1800
01.01.94	10.01.95	12.04	2003
11.01.95	31.12.95	12.50	2080
01.01.96	31.12.97	12.92	2150
01.01.98	31.12.98	13.19	2195
01.01.99	31.12.01	13.43	2235
01.01.02	unknown	14.43	

For electricity generation, from 27 December 2001 onwards, according to Law 24/2001 (Medidas Fiscales, Administrativas y de Orden Social) the Renta for electricity generation is exempt. Prices shown also apply to the cement industry.

#### Specifications

Quality:	Fuel Oil No. 2
Sulphur Content:	3.5% (maximum)
Kinematic Viscosity:	37°C, 380 CST (maximum)
NCV:	9 400 kcal/kg
GCV:	9 900 kcal/kg

### Low Sulphur Fuel Oil

#### Excise Tax

From	To	EUR/ tonne	ESP/ tonne
01.01.02	19.11.95	14.00	
20.11.95	31.12.06	14.43	
01.01.07	now	15.00	

#### Specifications

Sulphur Content:	1%
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### Light Fuel Oil

**General Tax (VAT):** Applies to households. See general notes for Spain.

#### Excise Tax (excludes Renta)

From	To	EUR/ kl	ESP/ kl
Prior to	01.01.86	see tax column	
01.01.86	31.12.88	33.66	5600
01.01.89	10.07.90	54.09	9000
11.07.90	31.12.92	60.10	10000

From	To	EUR/ kl	ESP/ kl
01.01.93	06.08.93	66.11	11000
07.08.93	10.01.95	70.92	11800
11.01.95	31.12.95	73.32	12200
01.01.96	31.12.97	75.73	12600
01.01.98	31.12.98	77.32	12865
01.01.99	31.12.01	78.71	13097
01.01.02	now	84.71	

**Specifications**

Quality:	Gasoleo C
Density:	0.855 t/kl

**Automotive Diesel Oil****Excise Tax (excludes Renta)**

From	To	EUR/ litre	ESP/ litre
Prior to	01.01.86	See tax column	
01.01.86	31.12.86	0.066	11.000
01.01.87	10.07.90	0.108	18.000
11.07.90	31.12.90	0.164	27.300
01.01.91	31.12.91	0.194	32.300
01.01.92	06.08.93	0.224	37.300
07.08.93	10.01.95	0.242	40.300
11.01.95	31.12.95	0.251	41.700
01.01.96	31.12.97	0.260	43.200
01.01.98	31.12.98	0.265	44.107
01.01.99	31.12.01	0.270	44.901
01.01.02	31.12.06	0.294	
01.01.07	now	0.302	

**Specifications**

Quality:	Gasoleo A
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**Gasoline**

**General Tax (VAT):** See general notes for Spain.

**Excise Tax (excludes Renta)**

## Leaded Premium

From	To	EUR/ litre	ESP/ litre
Prior to	01.01.86	See tax column	
01.01.86	31.12.86	0.165	27.500
01.01.87	10.07.90	0.222	37.000
11.07.90	31.12.90	0.261	43.500
01.01.91	31.12.91	0.291	48.500
01.01.92	06.08.93	0.334	55.500
07.08.93	10.01.95	0.364	60.500
11.01.95	31.12.95	0.376	62.600
01.01.96	31.12.97	0.389	64.800
01.01.98	31.12.98	0.398	66.161

From	To	EUR/ litre	ESP/ litre
01.01.99	31.07.01	0.405	67.352
01.08.01	31.07.01	0.403	67.040

## Leaded Substitute\*

From	To	EUR/ litre	ESP/ litre
01.08.01	31.12.01	0.403	67.040
01.01.02	now	0.427	

## Unleaded

From	To	EUR/ litre	ESP/ litre
11.07.90	31.12.90	0.231	38.500
01.01.91	31.12.91	0.261	43.500
01.01.92	06.08.93	0.304	50.500
07.08.93	10.01.95	0.334	55.500
11.01.95	31.12.95	0.346	57.500
01.01.96	31.12.97	0.358	59.500
01.01.98	31.12.98	0.365	60.750
01.01.99	31.12.01	0.372	61.844
01.01.02	now	0.396	

\*From 1 August 2001 onwards, leaded gasoline became leaded substitute (Royal Decree 785/01).

**Specifications**

Grade and Octane:	Premium Leaded 97 RON
	Premium Unleaded 95 RON

**Automotive LPG**

Pump Prices.

**Excise tax:** As shown in excise tax column.

**NATURAL GAS**

The ex-tax price includes the excise tax (maximum 1.5% municipal tax) actually paid by the companies and not the consumers. This tax is not imposed for industrial use and electricity generation.

**Specifications**

GCV:	10 271 kcal/cm <sup>3</sup>
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**Industry**

The average industrial user is based on consumption of 50 million kWh/year, contracted flow of 175 000 kWh/day with a supply pressure between 4 and 60 bars,

equivalent to 43 million thermie/year (1 thermie = 1000 kcal). Previously, the average industrial user was based on consumption of 40 million thermie/year.

### Households

The average user is 12 000 kWh/year, supply pressure below 4 bars, equivalent to 10 318 thermie/year. Previously, the average household user was based on consumption of 10 000 thermie/year.

### Electricity Generation

The national average price shown is independent of the quantity consumed.

## COAL

### Steam Coal for Electricity Generation

This description and the corresponding prices refer to a hypothetical coal quality that is used in Spain to compute a representative price for coal consumed.

#### Specifications

Ash Content:	6%
Sulphur Content:	0.8%
Water Content:	14%
NCV:	5 500 kcal/kg

### Coking Coal for Industry

Market prices for coke from domestic coking plants are not available since they are all integrated parts of the steel industry.

#### Specifications

Quality	Standard Coal PA
Ash Content:	6%
Sulphur Content:	0.8%
Water Content:	14%

## ELECTRICITY

**General Tax (VAT):** Applies to households. See general notes for Spain.

### Special Taxes

#### Special Tax

From	To	%
01.01.98	now	4.864

### Provincial Tax

From	To	%
Prior to 01.01.86	now	5 (of turnover tax) abolished

### Inter-provincial Compensation Tax

From	To	EUR/kWh	ESP/kWh
01.07.81	31.12.81	0.0010	0.17
01.01.82	31.12.82	0.0014	0.23
01.01.83	31.12.83	0.0016	0.27
01.01.84	31.12.84	0.0017	0.29
01.01.85	31.12.85	0.0021	0.35

### Municipal Tax

From	To	%
01.01.78	25.09.84	1.5
26.09.84	now	Considered a cost element so not part of taxes shown but part of prices shown

Since the last modification of the Electricity Sector Law published on 5<sup>th</sup> July 2007, the Electricity tariffs are fixed by the Ministry of Industry, Tourism and Trade. Due to supply liberalisation, energy prices are not fixed for eligible customers, only rates for access to the transport and distribution network are fixed for these customers.

The calendar for electricity liberalisation, and thus the eligibility of customers, has been the following:

Date	Eligible Consumption	Law
01.01.98	15 GWh/year	Electricity Sector Law 34/1997
01.01.99	5 GWh/year	Royal Decree 2820/98
01.04.99	3 GWh/year	Royal Decree 2820/98
01.07.99	2 GWh/year	Royal Decree 2820/98
01.10.99	1 GWh/year	Royal Decree 2820/98
01.07.00	High-voltage customers (> 1kV)	RD-Law 6/1999
01.01.03	All customers eligible	RD-Law 6/2000

### Households

#### Special Tax

#### Turnover Tax

From	To	%
01.01.78	31.12.83	1.5
01.01.84	31.12.85	6

Prices shown are the average of turnover tariffs.

## *Industry*

### **Special Tax**

#### *Turnover Tax*

From	To	%
01.01.78	31.12.83	5
01.01.84	31.12.85	6

From 2000 onwards, customers were split into two categories: those eligible customers that pay a fixed rate for access to transport and distribution network and a market-dependent component; those non-eligible customers that pay a fixed end-use price. Industry prices are calculated as the average of eligible and non-eligible consumers. Prior to 1999, prices were calculated as the average of turnover tariffs.

**Sources:** From 2004 onwards, Ministry of Industry, Tourism and Trade. From 1995 to 2003, *Ministry of Economy*. From 1989 to 1994, Ministerio de Industria, Comercio y Turismo, Subdirección General de Energía Eléctrica. From 1978 to 1988, UNESA, *Memoria Estadística Eléctrica*, yearly reports.

## **ENERGY PRICE INDICES**

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### *Oil Products*

Retail: Weighted average of HICP, Liquid fuels (cp0453) and HICP, Fuels and lubricants for personal transport equipment (cp0722).

### *Electricity*

Retail: HICP, Electricity (cp0451).

### *Natural Gas*

Retail: HICP, Gas (cp0452).

## SWEDEN

Table 1 - Average Prices and Taxes in Swedish Crowns

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1036	523	-	523	1559	..	..	..	..	1066
1998	c	c	c	c	c	..	..	..	..	968
1999	c	c	c	c	c	..	..	..	..	772
2000	2010	2019	-	2019	4029	..	..	..	..	..
2001	2289	2464	-	2464	4753	..	..	..	..	..
2002	1916	2751	-	2751	4667	..	..	..	..	..
2003	1893	3165	-	3165	5058	..	..	..	..	..
2004	1962	3629	-	3629	5591	..	..	..	..	..
2005	2747	3644	-	3644	6391	..	..	..	..	..
2006	3218	3663	-	3663	6881	..	..	..	..	..
2007	3290	3717	-	3717	7007	..	..	..	..	..
2Q2007	3196	3717	-	3717	6913	..	..	..	..	..
3Q2007	3485	3717	-	3717	7202	..	..	..	..	..
4Q2007	3779	3717	-	3717	7496	..	..	..	..	..
1Q2008	4189	3966	-	3966	8155	..	..	..	..	..
2Q2008	4504	3966	-	3966	8470	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1478	396	-	396	1874	1754	1753	877	2630	4384
1998	1170	529	-	529	1699	1425	1801	807	2608	4033
1999	1305	525	-	525	1830	1593	1785	844	2629	4222
2000	2283	529	-	529	2812	2539	1801	1085	2886	5425
2001	2284	535	-	535	2819	2589	2215	1201	3416	6005
2002	2072	539	-	539	2611	2482	2559	1260	3819	6301
2003	2197	544	-	544	2741	2612	2948	1390	4338	6950
2004	2533	546	-	546	3079	2974	3330	1576	4906	7880
2005	3557	548	-	548	4105	4046	3344	1848	5192	9238
2006	3975	551	-	551	4526	4499	3362	1965	5327	9827
2007	3962	559	-	559	4521	4619	3413	2008	5421	10040
2Q2007	3810	559	-	559	4369	4409	3413	1955	5368	9777
3Q2007	4076	559	-	559	4635	4716	3413	2032	5445	10161
4Q2007	4602	559	-	559	5161	5220	3413	2158	5571	10791
1Q2008	4988	605	-	605	5594	5751	3647	2349	5996	11747
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2.702	2.638	-	2.638	5.340	2.702	2.638	1.335	3.973	6.675
1998	2.370	2.672	-	2.672	5.042	2.370	2.672	1.260	3.932	6.302
1999	2.670	2.650	-	2.650	5.320	2.662	2.660	1.330	3.990	6.652
2000	3.832	2.925	-	2.925	6.757	3.832	2.925	1.689	4.614	8.446
2001	3.878	3.041	-	3.041	6.919	3.877	3.041	1.730	4.771	8.648
2002	3.590	3.121	-	3.121	6.711	3.589	3.121	1.678	4.799	8.388
2003	3.313	3.178	-	3.178	6.491	3.313	3.178	1.623	4.801	8.114
2004	3.506	3.331	-	3.331	6.837	3.506	3.331	1.709	5.040	8.546
2005	4.637	3.645	-	3.645	8.282	4.637	3.645	2.071	5.716	10.353
2006	5.242	3.665	-	3.665	8.907	5.242	3.665	2.227	5.892	11.134
2007	5.086	3.720	-	3.720	8.806	5.086	3.720	2.202	5.922	11.008
2Q2007	4.960	3.720	-	3.720	8.680	4.960	3.720	2.170	5.890	10.850
3Q2007	4.936	3.720	-	3.720	8.656	4.936	3.720	2.164	5.884	10.820
4Q2007	5.564	3.720	-	3.720	9.284	5.564	3.720	2.321	6.041	11.605
1Q2008	5.951	4.160	-	4.160	10.111	5.951	4.160	2.528	6.688	12.639
2Q2008	..	..	..	..	..	..	..	..	..	..



## SWEDEN

Table 2 - Average Prices and Taxes in Swedish Crowns

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2.505	4.355	1.715	6.070	8.575	2.202	4.370	1.643	6.013	8.215
1998	2.295	4.470	1.691	6.161	8.456	1.972	4.470	1.611	6.081	8.053
1999	2.560	4.430	1.748	6.178	8.738	2.238	4.430	1.667	6.097	8.335
2000	3.464	4.473	1.984	6.457	9.921	3.140	4.470	1.902	6.372	9.512
2001	3.289	4.500	1.947	6.447	9.736	3.060	4.500	1.890	6.390	9.450
2002	3.126	4.620	1.937	6.557	9.683	2.826	4.620	1.861	6.481	9.307
2003	3.113	4.710	1.956	6.666	9.779	2.813	4.710	1.881	6.591	9.404
2004	3.452	4.790	2.061	6.851	10.303	3.181	4.790	1.993	6.783	9.964
2005	4.113	4.960	2.268	7.228	11.341	3.804	4.960	2.191	7.151	10.955
2006	4.526	4.990	2.379	7.369	11.895	4.207	4.990	2.299	7.289	11.496
2007	4.470	5.060	2.383	7.443	11.913	4.258	5.060	2.330	7.390	11.648
2Q2007	4.766	5.060	2.457	7.517	12.283	4.532	5.060	2.398	7.458	11.990
3Q2007	4.479	5.060	2.385	7.445	11.924	4.256	5.060	2.329	7.389	11.645
4Q2007	4.671	5.060	2.433	7.493	12.164	4.454	5.060	2.379	7.439	11.893
1Q2008	4.856	5.290	2.537	7.827	12.683	4.679	5.290	2.492	7.782	12.461
2Q2008	..	..	..	..	..	..	..	..	..	..
Premium Leaded/Lead Replacement Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1.853	5.010	1.716	6.726	8.579	..	..	..	..	..
1998	1.612	5.130	1.686	6.816	8.428	..	..	..	..	..
1999	1.889	5.080	1.742	6.822	8.711	..	..	..	..	..
2000	2.720	5.130	1.963	7.093	9.813	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	x	x	x	x	x	..	..	..	..	..
2003	x	x	x	x	x	..	..	..	..	..
2004	x	x	x	x	x	..	..	..	..	..
2005	x	x	x	x	x	..	..	..	..	..
2006	x	x	x	x	x	..	..	..	..	..
2007	x	x	x	x	x	..	..	..	..	..
2Q2007	x	x	x	x	x	..	..	..	..	..
3Q2007	x	x	x	x	x	..	..	..	..	..
4Q2007	x	x	x	x	x	..	..	..	..	..
1Q2008	x	x	x	x	x	..	..	..	..	..
2Q2008	x	x	x	x	x	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## SWEDEN

Table 3 - Average Prices and Taxes in Swedish Crowns

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	..	..	..	..	..
1998	x	x	x	x	x	..	..	..	..	..
1999	x	x	x	x	x	..	..	..	..	..
2000	x	x	x	x	x	..	..	..	..	..
2001	x	x	x	x	x	..	..	..	..	..
2002	x	x	x	x	x	..	..	..	..	..
2003	x	x	x	x	x	..	..	..	..	..
2004	x	x	x	x	x	..	..	..	..	..
2005	x	x	x	x	x	..	..	..	..	..
2006	x	x	x	x	x	..	..	..	..	..
2007	x	x	x	x	x	..	..	..	..	..
2Q2007	x	x	x	x	x	..	..	..	..	..
3Q2007	x	x	x	x	x	..	..	..	..	..
4Q2007	x	x	x	x	x	..	..	..	..	..
1Q2008	x	x	x	x	x	..	..	..	..	..
2Q2008	x	x	x	x	x	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.261	-	-	-	0.261	0.492	0.126	0.155	0.281	0.773
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**SWEDEN**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale 2000 = 100	Retail 2000 = 100	Wholesale	Retail 2000 = 100	Wholesale	Retail 2005 = 100	Wholesale 2000 = 100	Retail
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	58.4	69.2	..	89.6	..	..	96.4	..
1996	62.8	76.4	..	97.5	..	83.8	95.6	..
1997	67.0	79.0	..	103.3	..	82.2	103.2	..
1998	57.9	73.7	..	106.5	..	82.5	101.2	..
1999	65.2	76.5	..	101.7	..	75.4	91.5	..
2000	100.0	100.0	..	100.0	..	75.4	100.0	..
2001	106.0	113.0	..	114.3	..	78.4	129.4	..
2002	101.2	111.7	..	121.6	..	85.7	117.9	..
2003	101.2	122.4	..	151.1	..	92.5	108.9	..
2004	113.3	134.4	..	150.8	..	97.3	124.0	..
2005	138.8	163.9	..	148.6	..	100.0	160.4	..
2006	155.4	171.1	..	169.1	..	102.8	169.5	..
2007	155.3	176.3	..	167.4	..	107.2	151.6	..
2Q2000	92.2	93.0	..	99.0	..	75.4	97.8	..
3Q2000	102.5	101.3	..	99.1	..	75.4	98.9	..
4Q2000	117.7	114.4	..	101.0	..	75.4	112.7	..
1Q2001	105.4	112.6	..	107.1	..	75.4	116.5	..
2Q2001	112.3	114.1	..	113.0	..	75.4	122.5	..
3Q2001	109.6	115.3	..	118.0	..	81.4	135.7	..
4Q2001	96.5	109.8	..	118.9	..	81.4	142.8	..
1Q2002	92.9	108.4	..	121.7	..	85.7	143.9	..
2Q2002	103.2	111.0	..	120.6	..	85.7	116.9	..
3Q2002	103.7	112.7	..	120.0	..	85.7	104.0	..
4Q2002	105.1	114.5	..	124.1	..	85.7	106.6	..
1Q2003	111.2	128.8	..	152.6	..	90.8	108.9	..
2Q2003	96.8	122.1	..	151.5	..	90.8	113.8	..
3Q2003	99.3	119.6	..	149.0	..	92.5	109.5	..
4Q2003	97.4	119.1	..	151.1	..	95.9	103.5	..
1Q2004	99.8	123.3	..	154.8	..	97.3	100.5	..
2Q2004	112.5	129.7	..	150.3	..	97.3	116.7	..
3Q2004	120.7	138.1	..	149.5	..	97.3	142.1	..
4Q2004	120.3	146.6	..	148.7	..	97.3	136.5	..
1Q2005	119.2	146.2	..	148.9	..	99.0	134.1	..
2Q2005	132.8	158.1	..	146.2	..	99.0	166.2	..
3Q2005	153.1	172.9	..	147.7	..	101.0	166.0	..
4Q2005	150.1	178.5	..	151.4	..	101.0	175.4	..
1Q2006	153.3	168.0	..	159.8	..	102.8	177.4	..
2Q2006	160.7	175.9	..	164.6	..	102.8	166.6	..
3Q2006	162.7	177.1	..	171.4	..	102.8	167.3	..
4Q2006	144.7	163.2	..	180.5	..	102.8	166.6	..
1Q2007	144.1	162.5	..	175.6	..	107.2	152.7	..
2Q2007	156.5	173.7	..	164.4	..	107.2	148.0	..
3Q2007	157.0	178.6	..	161.7	..	107.2	151.9	..
4Q2007	163.4	190.3	..	167.9	..	107.2	153.9	..
1Q2008	171.9	205.5	..	176.7	..	109.7	154.8	..
2Q2008	..	..	..	..	..	..	..	..

# SWEDEN

## GENERAL NOTES

From 1Q94 onwards, quarterly prices refer to quarterly averages. From 1Q84 to 4Q93 prices refer to the second month of each quarter. Prior to 1Q84, prices refer to the first month of each quarter. See individual products for details.

**General Tax (VAT):** From 1 March 1990 onwards, applies to all energy forms (except aviation fuels). VAT is not included in the prices and taxes shown for industry, electrical generation and automotive diesel for commercial purposes because it is refunded.

From	To	%
01.03.90	30.06.90	23.46
01.07.90	now	25.00

### Special Tax

**NO<sub>x</sub> Levy:** From 1 January 1992 onwards, a levy of 40 SEK/kg of nitrogen oxide emissions from certain combustion plants is applied. The amounts are redistributed to those who are liable to pay according to the amount of energy produced. The levy is not included in estimated tax component shown in this context.

**Sources:** From 1Q93 onwards, Statistics Sweden. Prior to 1Q93, National Price and Competition Board. See individual products for exceptions.

## OIL PRODUCTS

**Excise Tax:** Prior to 1 January 1993, an excise tax was applied to oil products. See individual product notes.

### Special Taxes

**Energy Tax:** From 1 January 1993 onwards, the excise tax became the energy tax and was differentiated into three categories based on the maximum sulphur content (% mass content).

Category	%
Class 1 (EC1)	0.001
Class 2 (EC2)	0.005
Class 3 (EC3)	0.035

**Special Tax:** A special levy/fairway is applicable on all oil products, but is not included in the taxes shown.

From	To	SEK/tonne
01.04.78	30.09.80	2
01.10.80	31.03.82	3
01.04.82	31.12.85	4
01.01.86	31.12.86	5.11 - 7.80
01.01.87	31.12.87	5.93 - 8.84
01.01.88	31.12.88	6.17 - 9.19
01.01.89	31.12.91	6.57 - 9.79
01.01.92	31.12.93	8.20 - 11.50
01.01.94	now	8.20 - 10.30

## Heavy Fuel Oil for Electricity Generation

### Special Tax

**Sulphur Tax:** For 1993, an estimate of the general sulphur tax is shown in the tax column. Charges on emissions of nitrogen oxides are not included. Ordinarily, the main parts of all volumes delivered to utilities are used for district heat generation. For this use the ex-tax price shown for 1993 is increased by the global tax amounts as shown for automotive diesel fuel (Class 3). However, the ex-tax price is not increased by the energy tax component if heat is generated in combination with electricity generation. Steam and hot water are tax-free (with the exception of VAT). From 1 January 1991 onwards, the general sulphur tax is levied on HFO for electricity generation, which is reduced if emissions are reduced by purifying.

From 1Q00 onwards, prices are no longer available. From 1Q98 to 1Q00, prices refer to heavy fuel oil delivered to utilities and used for electricity generation. From 1Q92 to 1Q98, few utilities (less than three) have monthly purchase prices for HFO. Prior to 1991, prices are exempt of all taxes as electricity is taxed separately.

### Specifications

Quality: No. 5 Heavy Fuel Oil

Sulphur Content:

From	To	%
01.10.84	31.12.88	< 1% ASTM 1500s (maximum)
01.01.89	01.01.00	0.8% by weight (maximum)

## Low Sulphur Fuel Oil

### Special Taxes

**Special Oil Tax**

From	To	SEK/kl	SEK/tonne
01.01.78	31.12.83	see excise column	
01.01.84	31.12.90	118	122

*Energy Tax*

From	To	SEK/ kl	SEK/ tonne
01.11.83	31.12.86	411	437
01.01.87	30.06.87	610	649
01.07.87	30.06.88	660	702
01.07.88	30.06.89	860	891
01.07.89	31.12.90	960	995
01.01.91	31.12.92	540	560
01.01.93	now	suppressed	

*CO<sub>2</sub> Tax*

From	To	SEK/ kl	SEK/ tonne
01.01.91	31.12.92	720	746
01.01.93	31.12.93	230	238
01.01.94	31.12.94	239.25	247.90
01.01.95	31.12.95	245.50	254.40
01.01.96	31.12.96	263.50	273.06
01.01.97	30.06.97	262.50	272.03
01.07.97	31.12.98	529	548.19
01.01.99	31.12.99	525	544.04
01.01.00	31.12.00	529	548.19
01.01.01	31.12.01	535	554.40
01.01.02	31.12.02	539	558.50
01.01.03	31.12.03	544	563.73
01.01.04	31.12.04	545.58	565.37
01.01.05	31.12.05	547.9	567.63
01.01.06	31.12.06	550.8	570.63
01.01.07	31.12.07	559.2	
01.01.08	now	605.4	

*Sulphur Tax:* Applied to each 10% by weight of sulphur content exceeding 0.1% by weight.

From	To	SEK/ kl	SEK/ tonne
01.01.91	now	27	28

From 2000, prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission. For 1998 and 1999, prices are confidential. Prior to 2Q98, prices refer to the weighted average of HFO produced by major oil companies and includes the estimated tax component.

**Specifications**

Quality: No. 5 Heavy Fuel Oil  
Density: 0.94 t/kl  
Sulphur Content:

From	To	%
01.10.84	31.12.88	< 1% ASTM 1500s (maximum)
01.01.89	31.12.99	0.8% by weight (0.5% in some cities). Usually between 0.3%-0.6% by weight.
01.01.00	now	< 0.3% by weight

*Light Fuel Oil*

**General Tax (VAT):** Applies to households. See general notes for Sweden.

**Special Taxes**

*Energy Tax:* Applies to households.

From	To	SEK/ kl
Prior to	31.12.94	see diesel
01.01.95	31.12.95	577
01.01.96	now	590

*CO<sub>2</sub> Tax:* See automotive diesel.

For industry taxes, see low sulphur fuel oil.

Prices refer to the weighted average price of LFO produced by major oil companies and include the estimated tax component.

**Specifications**

Quality: Eldningsolja 1 (Heating Gasoil 1)  
Density: 0.845 t/kl  
Sulphur Content: 0.2% by weight (maximum)\*

\* From 2Q87 onwards, the sulphur content must not exceed 0.2% by weight (annual average). In most cases, it does not exceed 0.1% by weight, resulting in no sulphur tax being levied.

*Automotive Diesel Oil*

**Excise Tax:** Prior to 1 January 1993, amounts are the same as heavy fuel oil for industry.

**Special Taxes**

*Energy Tax:* From 1 January 1993 onwards, the energy tax was differentiated with regard to environmental effects. The rates and categories are as follows:

From	To	SEK/ litre	SEK/ m <sup>3</sup>
Class 1			
01.01.93	30.09.93	0.09	90
01.10.93	31.12.93	0.09	90
01.01.94	30.06.94	0.005	5
01.07.94	31.12.94	0.562	562
01.01.95	31.12.95	1.442	1 442
01.01.96	31.08.96	1.476	1 476
01.09.96	30.06.97	1.524	1 524
01.07.97	31.12.98	1.614	1 614
01.01.99	31.12.99	1.600	1 600
01.01.00	31.12.00	1.864	1 864
01.01.01	31.12.01	1.512	1 512
01.01.02	31.12.02	1.323	1 323

From	To	SEK/ litre	SEK/ m <sup>3</sup>
01.01.03	31.12.03	1.004	1.004
01.01.04	31.12.04	0.733	733
01.01.05	31.12.05	1.036	1 036
01.01.06	31.12.06	1.042	1 042
01.01.07	31.12.07	1.057	1 057
01.01.08	now	1.277	
Class 2			
01.01.93	31.09.93	0.290	290
01.10.93	31.12.93	0.290	290
01.01.94	30.06.94	0.302	302
01.07.94	31.12.94	0.562	562
01.01.95	31.12.95	1.644	1 644
01.01.96	31.08.96	1.682	1 682
01.09.96	30.06.97	1.736	1 736
01.07.97	31.12.98	1.840	1 840
01.01.99	31.12.99	1.824	1 824
01.01.00	31.12.00	2.090	2 090
01.01.01	31.12.01	1.739	1 739
01.01.02	31.12.02	1.557	1 557
01.01.03	31.12.03	1.243	1 243
01.01.04	31.12.04	0.975	975
01.01.05	31.12.05	1.279	1 279
01.01.06	31.12.06	1.286	1.286
01.01.07	31.12.07	1.306	1 306
01.01.08	now	1.530	
Class 3			
01.01.93	31.09.93	0.540	540
01.10.93	31.12.93	0.540	540
01.01.94	30.06.94	0.562	562
01.07.94	31.12.94	0.562	562
01.01.95	31.12.95	1.910	1 910
01.01.96	31.08.96	1.955	1 955
01.09.96	30.06.97	2.018	2 018
01.07.97	31.12.98	2.138	2 138
01.01.99	31.12.99	2.119	2 119
01.01.00	31.12.00	2.388	2 388
01.01.01	31.12.01	2.039	2 039
01.01.02	31.12.02	1.865	1 865
01.01.03	31.12.03	1.556	1 556
01.01.04	31.12.04	1.294	1 294
01.01.05	31.12.05	1.600	1 600
01.01.06	31.12.06	1.609	1.609
01.01.07	31.12.07	1.633	1 633
01.01.08	now	1.633	

*CO<sub>2</sub> Tax:* From 1 January 1993 onwards, the CO<sub>2</sub> tax is levied at a constant rate for all three classes.

From	To	SEK/ litre	SEK/ m <sup>3</sup>
01.01.93	31.12.93	0.920	920
01.01.94	30.06.94	0.95	957
01.07.94	31.12.94	0.957	957
01.01.95	31.12.95	0.982	982
01.01.96	31.12.96	1.054	1 054

From	To	SEK/ litre	SEK/ m <sup>3</sup>
01.01.97	30.06.97	1.050	1 050
01.07.97	31.12.98	1.058	1 058
01.01.99	31.12.99	1.049	1 049
01.01.00	31.12.00	1.058	1 058
01.01.01	31.12.01	1.527	1 527
01.01.02	31.12.02	1.798	1 798
01.01.03	31.12.03	2.174	2 174
01.01.04	31.12.04	2.598	2 598
01.01.05	31.12.05	2.609	2 609
01.01.06	31.12.06	2.623	2.623
01.01.07	31.12.07	2.663	2 663
01.01.08	now	2.883	

*Special Tax:* Refers to a diesel tax. From 1995 onwards, amounts are included in the energy tax.

From	To	SEK/ litre	SEK/ m <sup>3</sup>
Class 1			
01.01.93	30.06.94	1.300	1 300
01.07.94	31.12.94	0.843	843
Class 2			
01.01.93	30.06.94	1.30	1 300
01.07.94	31.12.94	1.04	1 040
Class 3			
01.01.93	31.12.94	1.30	1 300

*Mileage Tax:* From 1 April 1988 to 30 September 1993, prices and taxes do not include the mileage tax for diesel-engine vehicles. This tax was applied according to the motor type and vehicle weight.

From	To	SEK/ 10 km	Category
01.04.88	28.02.90	1.40	≤ 900 kg
01.03.90	30.09.93	1.65	< 900 kg
01.10.93	31.12.94	replaced by Special Tax	
01.01.95	now	included in Energy Tax	

*Sulphur Tax:* From 1 January 1991 onwards, a general sulphur tax is levied. For rates, see note under heavy fuel oil for industry. From 2Q87 onwards, the sulphur content of automotive diesel oil must not exceed 0.2% by weight (annual average). In most cases the sulphur content does not exceed 0.1% by weight, resulting in no sulphur tax being levied.

From 1Q93 onwards, prices refer to the weighted average pump prices of major oil companies. Prior to 1Q93, prices refer to the major companies' list price at self-service pumps.

**Gasoline**

**General Tax (VAT):** See general notes for Sweden.

**Special Taxes***Oil Fee/Tax*

From	To	SEK/ litre
01.01.84	31.12.90	0.06

*Gasoline and CO<sub>2</sub> Tax:* From 1 December 1994 onwards, the gasoline tax was differentiated according to the environmental effects. Prior to 1 January 1991, taxes for leaded and unleaded gasoline were identical. Amounts in parentheses refer to the environmental category/class.

## Leaded (SEK/litre)

From	To	Gasoline Tax	CO <sub>2</sub> Tax
01.01.86	06.30.87	2.29	0
01.07.87	31.03.88	2.53	0
01.04.88	31.12.89	2.78	0
01.01.90	31.12.90	3.16	0
01.01.91	30.06.91	2.64	0.58
01.07.91	31.12.92	2.68	0.58
01.01.93	31.12.93	3.65	0.74
01.01.94	30.11.94	3.65	0.77
01.12.94	31.12.94	3.71	0.77
01.01.95	31.12.95	3.81	0.79
01.01.96	31.08.96	3.90	0.86
01.09.96	30.06.97	4.03	0.86
01.07.97	31.12.98	4.27	0.86
01.01.99	31.12.99	4.23	0.85
01.01.00	31.12.00	4.27	0.86
01.01.01	31.12.01	3.92	1.24
01.01.02	now	no longer consumed	

## Unleaded (SEK/litre)

From	To	Gasoline Tax	CO <sub>2</sub> Tax
01.01.86	06.30.87	2.13	0
01.07.87	31.03.88	2.33	0
01.04.88	31.12.89	2.58	0
01.01.90	31.12.90	2.92	0
01.01.91	30.06.91	2.40	0
01.07.91	31.12.92	2.37	0.58
01.01.93	31.12.93	3.14	0.74
01.01.94	30.11.94	3.14	0.77
01.12.94	31.12.94	3.14 (2)	0.77
		3.20 (3)	0.77
01.01.95	31.12.95	3.22 (2)	0.79
		3.28 (3)	0.79
01.01.96	31.08.96	3.30 (2)	0.86
		3.36 (3)	0.86
01.09.96	30.06.97	3.41 (2)	0.86
		3.47 (3)	0.86

From	To	Gasoline Tax	CO <sub>2</sub> Tax
01.07.97	31.12.98	3.61 (2)	0.86
		3.68 (3)	0.86
01.01.99	31.12.99	3.58 (2)	0.85
		3.65 (3)	0.85
01.01.00	31.12.00	3.61 (2)	0.86
		3.68 (3)	0.86
01.01.01	31.12.01	3.26 (1)	1.24
		3.29 (2)	1.24
01.01.02	31.12.02	3.16 (1)	1.46
		3.19 (2)	1.46
01.01.03	31.12.03	2.94 (1)	1.77
		2.97 (2)	1.77
01.01.04	31.12.04	2.68 (1)	2.11
		2.71 (2)	2.11
01.01.05	31.12.05	2.84 (1)	2.12
01.01.06	31.12.06	2.86 (1)	2.13
01.01.07	now	2.90 (1)	2.16

From 1Q93 onwards, prices refer to the weighted average pump price of major oil companies. Prior to 1Q93, the prices refer to the major companies' list price at self-service pumps.

**Specifications**

Premium Unleaded 98 RON gasoline  
Quality: Bensin 98 oktan, blyfri

*Premium Leaded 98 RON*

Lead Content: 0.15 g/litre

Premium Leaded 98 RON has not been sold since 28 February 1995. Between 1995 and 2001, leaded replacement gasoline was sold.

**COAL****Steam Coal for Industry****Special Taxes***Coal Use Tax*

From	To	SEK/ tonne
01.01.84	01.01.91	10

*Energy Tax*

From	To	SEK/ tonne
01.04.83	31.12.86	140
01.01.87	30.06.88	305
01.07.88	30.06.89	400
01.07.89	31.12.90	450

From	To	SEK/ tonne
01.01.91	31.12.92	230
01.01.93	now	suppressed

*CO<sub>2</sub> Tax*

From	To	SEK/ tonne
01.01.91	31.12.92	620
01.01.93	31.12.93	200
01.01.94	31.12.94	208
01.01.95	31.12.95	213.50
01.01.96	31.12.96	229
01.01.97	30.06.97	228.25
01.07.97	31.12.98	460
01.01.99	31.12.99	456
01.01.00	31.12.00	460
01.01.01	31.12.01	465
01.01.02	31.12.02	469
01.01.03	now	473

*Sulphur Tax*

From	To	SEK/ tonne
01.01.91	now	30 for every 10% by weight of sulphur

*Steam Coal for Electricity Generation***Special Taxes***Energy Tax*

From	To	SEK/ tonne
Prior to	01.01.93	see industry
01.01.93	31.12.93	230
01.01.94	31.12.94	239
01.01.95	31.12.95	245
01.01.96	31.12.96	251
01.01.97	30.06.97	278
01.07.97	31.12.98	316
01.01.99	31.12.99	313
01.01.00	31.12.00	316
01.01.01	31.12.01	293
01.01.02	31.12.02	301
01.01.03	now	307

*CO<sub>2</sub> Tax*

From	To	SEK/ tonne
01.01.93	31.12.93	800
01.01.94	31.12.94	832
01.01.95	31.12.95	845
01.01.96	31.12.96	916
01.01.97	30.06.97	913
01.07.97	31.12.98	920
01.01.99	31.12.99	912
01.01.00	31.12.00	920

From	To	SEK/ tonne
01.01.01	31.12.02	1.564
01.01.02	31.12.02	1 564
01.01.03	now	1 892

*Sulphur Tax*

From	To	SEK/ tonne
01.01.93	now	30 for every 10% by weight of sulphur

*Steam Coal for Households*

This series has been discontinued.

**Specifications**

Delivery Size: 10/30 mm

*Coking Coal for Industry*

From 2Q90 onwards, this series has been discontinued. Prior to 2Q90, prices refer to monthly average unit import price (CIF) for the second month of each quarter.

NCV: 6454 kcal/t (2003 average)

**Source:** Customs administration.

**ELECTRICITY**

**General Tax (VAT):** Applies to households. See general notes for Sweden.

*Electricity***Special Taxes**

*Energy Tax (SEK/kWh):* The lower value under category "Household and Commercial" is valid for some municipalities in the north of Sweden while the higher tax is valid for the rest of the country. Approximately 9 per cent of the households are subject to the lower tax while the rest, 91 per cent, are subject to the higher rate.

From	To	Industry		Household and Commercial
		< 40 MWh/ year	Add. Con- sumption	
20.03.77	20.12.79	0.03	0.02	0.03
21.12.79	30.06.81	0.04	0.03	0.04
01.07.81	31.12.83	0.04	0.03	0.03-0.04
01.01.84	30.11.84	0.052	0.03	0.042-0.052
01.12.84	31.12.86	0.072	0.05	0.062-0.072
01.01.87	30.06.89	0.05	0.05	0.062-0.072
01.07.89	28.02.90	0.07	0.07	0.082-0.092
01.03.90	31.12.92	0.05	0.05	0.022-0.072



From	To	Industry		Household and Commercial
		< 40 MWh/ year	Add. Con- sumption	
01.01.93	31.12.93	0	0	0.035-0.085
01.01.94	31.12.94	0	0	0.036-0.088
01.01.95	31.12.95	0	0	0.037-0.090
01.01.96	31.08.96	0	0	0.043-0.097
01.09.96	30.06.97	0	0	0.058-0.113
01.07.97	31.12.97	0	0	0.082-0.138
01.01.98	31.12.98	0	0	0.096-0.152
01.01.99	31.12.99	0	0	0.095-0.151
01.01.00	31.12.00	0	0	0.106-0.162
01.01.01	31.12.01	0	0	0.125-0.181
01.01.02	31.12.02	0	0	0.140-0.198
01.01.03	31.12.03	0	0	0.168-0.227
01.01.04	31.12.04	0.005	0.005	0.181-0.241
01.01.05	31.12.05	0.005	0.005	0.194-0.254
01.01.06	31.12.06	0.005	0.005	0.201-0.261
01.01.07	31.12.07	0.005	0.005	0.204-0.265
01.01.08	now	0.005	0.005	0.178-0.270

Prices refer to annual average ex-tax revenues per kWh received by all public utilities from total deliveries to manufacturing industry, mining, and quarrying (industry), and from low-voltage deliveries to households and commerce (households). Latest data are derived from the most actual annual statistics on revenues by using producer price index on electricity (industry) and consumer price index on electricity (households).

**Source:** Statistics Sweden.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Sources:** Statistics Sweden. Except for natural gas which is from Eurostat, Harmonised indices of consumer prices (HICP).

### *Oil Products*

Wholesale: PPI for domestic supply.

Retail: Weighted average of heating oil (LFO) and gasoline.

### *Electricity*

Retail: Electricity.

### *Natural Gas*

Retail: HICP, Gas (cp0452).

### *Coal*

Wholesale: coal import price index based on energy content.

## SWITZERLAND

Table 1 - Average Prices and Taxes in Swiss Francs

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	200.3	13.5	-	13.5	214.0	..	..	..	..	..
1998	161.2	12.6	-	12.6	174.0	..	..	..	..	..
1999	193.7	12.6	-	12.6	206.3	..	..	..	..	..
2000	310.2	12.6	-	12.6	322.8	..	..	..	..	..
2001	279.1	10.4	-	10.4	289.5	..	..	..	..	..
2002	267.9	8.9	-	8.9	276.8	..	..	..	..	..
2003	288.9	8.9	-	8.9	297.8	..	..	..	..	..
2004	251.6	8.9	-	8.9	260.5	..	..	..	..	..
2005	376.7	7.3	-	7.3	384.0	..	..	..	..	..
2006	431.6	4.7	-	4.7	436.3	..	..	..	..	..
2007	466.8	4.7	-	4.7	471.5	..	..	..	..	..
2Q2007	422.3	4.7	-	4.7	427.0	..	..	..	..	..
3Q2007	481.3	4.7	-	4.7	486.0	..	..	..	..	..
4Q2007	610.3	4.7	-	4.7	615.0	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	266.8	16.1	-	16.1	282.9	309.4	16.1	21.2	37.3	346.7
1998	199.0	13.6	-	13.6	212.6	243.4	13.6	16.7	30.3	273.7
1999	232.2	13.6	-	13.6	245.8	272.3	13.6	21.4	35.0	307.3
2000	420.5	13.6	-	13.6	434.1	458.8	13.6	35.4	49.0	507.8
2001	377.7	11.1	-	11.1	388.8	419.8	11.1	32.8	43.9	463.7
2002	322.5	9.1	-	9.1	331.6	370.7	9.1	28.9	38.0	408.7
2003	352.4	9.1	-	9.1	361.5	399.1	9.1	31.0	40.1	439.2
2004	419.7	9.2	-	9.2	428.9	459.7	9.2	35.6	44.8	504.5
2005	596.0	7.2	-	7.2	603.2	644.6	7.2	49.5	56.7	701.4
2006	688.1	7.2	-	7.2	695.3	727.6	7.2	55.8	63.0	790.6
2007	699.6	4.1	-	4.1	703.7	745.3	4.1	57.0	61.1	806.4
2Q2007	668.3	4.1	-	4.1	672.4	713.8	4.1	54.6	58.7	772.5
3Q2007	712.2	4.1	-	4.1	716.3	756.3	4.1	57.8	61.9	818.2
4Q2007	809.3	4.1	-	4.1	813.4	867.8	4.1	66.3	70.4	938.2
1Q2008	843.1	32.9	-	32.9	876.0	908.3	32.9	71.5	104.4	1012.7
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.281	0.772	-	0.772	1.053	0.437	0.772	0.079	0.851	1.288
1998	0.212	0.770	-	0.770	0.982	0.368	0.770	0.074	0.844	1.212
1999	0.249	0.770	-	0.770	1.019	0.379	0.770	0.086	0.856	1.235
2000	0.448	0.770	-	0.770	1.218	0.566	0.770	0.100	0.870	1.436
2001	0.397	0.767	-	0.767	1.164	0.534	0.767	0.099	0.866	1.400
2002	0.341	0.765	-	0.765	1.106	0.476	0.765	0.094	0.859	1.335
2003	0.378	0.765	-	0.765	1.143	0.498	0.765	0.096	0.861	1.359
2004	0.469	0.765	-	0.765	1.234	0.579	0.765	0.102	0.867	1.446
2005	0.644	0.763	-	0.763	1.407	0.759	0.763	0.116	0.879	1.638
2006	0.735	0.763	-	0.763	1.498	0.854	0.763	0.123	0.886	1.740
2007	0.750	0.771	-	0.771	1.521	0.872	0.771	0.125	0.896	1.768
2Q2007	0.719	0.771	-	0.771	1.490	0.840	0.771	0.122	0.893	1.733
3Q2007	0.760	0.771	-	0.771	1.531	0.867	0.771	0.125	0.896	1.763
4Q2007	0.870	0.771	-	0.771	1.641	0.983	0.771	0.133	0.904	1.887
1Q2008	0.895	0.774	-	0.774	1.669	1.026	0.774	0.137	0.911	1.937
2Q2008	..	..	..	..	..	..	..	..	..	..

## SWITZERLAND

Table 2 - Average Prices and Taxes in Swiss Francs

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.439	0.736	0.076	0.812	1.251	0.411	0.736	0.075	0.811	1.222
1998	0.378	0.742	0.073	0.815	1.193	0.347	0.742	0.071	0.813	1.160
1999	0.401	0.742	0.086	0.828	1.229	0.371	0.742	0.083	0.825	1.196
2000	0.601	0.746	0.101	0.847	1.448	0.556	0.746	0.098	0.844	1.400
2001	0.570	0.744	0.100	0.844	1.414	0.512	0.744	0.095	0.839	1.351
2002	0.518	0.741	0.096	0.837	1.355	0.462	0.741	0.091	0.832	1.294
2003	0.527	0.737	0.096	0.833	1.360	0.482	0.737	0.093	0.830	1.312
2004	0.603	0.737	0.102	0.839	1.442	0.566	0.737	0.099	0.836	1.402
2005	0.725	0.735	0.111	0.846	1.571	0.684	0.735	0.108	0.843	1.527
2006	0.831	0.735	0.119	0.854	1.685	0.792	0.735	0.116	0.851	1.643
2007	0.872	0.735	0.122	0.857	1.729	0.828	0.735	0.119	0.854	1.684
2Q2007	0.898	0.735	0.124	0.859	1.757	0.857	0.735	0.121	0.856	1.713
3Q2007	0.903	0.735	0.125	0.860	1.763	0.856	0.735	0.121	0.856	1.720
4Q2007	0.941	0.735	0.127	0.862	1.803	0.891	0.735	0.124	0.859	1.750
1Q2008	0.956	0.735	0.129	0.864	1.820	0.907	0.735	0.125	0.860	1.767
2Q2008	..	..	..	..	..	..	..	..	..	..
Premium Leaded/Lead Replacement Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.425	0.816	0.081	0.897	1.322	340.1	4.3	-	4.3	344.4
1998	0.361	0.822	0.077	0.899	1.260	341.9	4.3	-	4.3	346.2
1999	0.381	0.822	0.090	0.912	1.293	319.6	3.5	-	3.5	323.1
2000	x	x	x	x	x	373.0	3.3	-	3.3	376.3
2001	x	x	x	x	x	495.4	4.7	-	4.7	500.1
2002	x	x	x	x	x	430.3	4.4	-	4.4	434.7
2003	x	x	x	x	x	427.0	3.8	-	3.8	430.8
2004	x	x	x	x	x	434.1	3.8	-	3.8	437.9
2005	x	x	x	x	x	497.9	3.7	-	3.7	501.6
2006	x	x	x	x	x	607.0	4.1	-	4.1	611.1
2007	x	x	x	x	x	686.5	5.4	-	5.4	691.9
2Q2007	x	x	x	x	x	688.8	5.4	-	5.4	694.2
3Q2007	x	x	x	x	x	686.5	5.4	-	5.4	691.9
4Q2007	x	x	x	x	x	677.2	5.4	-	5.4	682.6
1Q2008	x	x	x	x	x	734.1	33.0	-	33.0	767.1
2Q2008	x	x	x	x	x	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	591.7	4.3	38.7	43.0	634.7
1998	..	..	..	..	..	594.2	4.3	38.9	43.2	637.4
1999	..	..	..	..	..	572.9	3.5	43.2	46.7	619.6
2000	..	..	..	..	..	642.6	3.3	48.4	51.7	694.3
2001	..	..	..	..	..	764.3	4.7	58.4	63.1	827.4
2002	..	..	..	..	..	711.4	4.4	54.4	58.8	770.2
2003	..	..	..	..	..	699.4	3.8	53.4	57.2	756.6
2004	..	..	..	..	..	704.2	3.8	53.8	57.6	761.8
2005	..	..	..	..	..	773.0	3.7	59.0	62.7	835.7
2006	..	..	..	..	..	887.3	4.1	67.7	71.8	959.1
2007	..	..	..	..	..	961.3	5.4	73.5	78.9	1040.2
2Q2007	..	..	..	..	..	964.3	5.4	73.7	79.1	1043.4
3Q2007	..	..	..	..	..	960.3	5.4	73.3	78.1	1038.4
4Q2007	..	..	..	..	..	952.0	5.4	72.8	78.2	1030.2
1Q2008	..	..	..	..	..	964.5	33.0	75.8	108.8	1073.3
2Q2008	..	..	..	..	..	..	..	..	..	..

## SWITZERLAND

Table 3 - Average Prices and Taxes in Swiss Francs

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	72.6	0.9	-	0.9	74.0	x	x	x	x	x
1998	72.4	0.9	-	0.9	73.0	x	x	x	x	x
1999	71.0	-	-	-	71.0	x	x	x	x	x
2000	87.0	-	-	-	87.0	x	x	x	x	x
2001	99.3	-	-	-	99.3	x	x	x	x	x
2002	82.3	-	-	-	82.3	x	x	x	x	x
2003	86.8	-	-	-	86.8	x	x	x	x	x
2004	117.3	-	-	-	117.3	x	x	x	x	x
2005	117.5	-	-	-	117.5	x	x	x	x	x
2006	119.5	-	-	-	119.5	x	x	x	x	x
2007	155.5	-	-	-	155.5	x	x	x	x	x
2Q2007	140.0	-	-	-	140.0	x	x	x	x	x
3Q2007	165.0	-	-	-	165.0	x	x	x	x	x
4Q2007	190.0	-	-	-	190.0	x	x	x	x	x
1Q2008	..	..	..	..	..	x	x	x	x	x
2Q2008	..	..	..	..	..	x	x	x	x	x
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	x	x	x	x	x
1998	x	x	x	x	x	x	x	x	x	x
1999	x	x	x	x	x	x	x	x	x	x
2000	x	x	x	x	x	x	x	x	x	x
2001	x	x	x	x	x	x	x	x	x	x
2002	x	x	x	x	x	x	x	x	x	x
2003	x	x	x	x	x	x	x	x	x	x
2004	x	x	x	x	x	x	x	x	x	x
2005	x	x	x	x	x	x	x	x	x	x
2006	x	x	x	x	x	x	x	x	x	x
2007	x	x	x	x	x	x	x	x	x	x
2Q2007	x	x	x	x	x	x	x	x	x	x
3Q2007	x	x	x	x	x	x	x	x	x	x
4Q2007	x	x	x	x	x	x	x	x	x	x
1Q2008	x	x	x	x	x	x	x	x	x	x
2Q2008	x	x	x	x	x	x	x	x	x	x
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.1476	-	-	-	0.1476	0.1845	-	0.0120	0.0120	0.1965
1998	0.1466	-	-	-	0.1466	0.1837	-	0.0119	0.0119	0.1956
1999	0.1358	-	-	-	0.1358	0.1825	-	0.0137	0.0137	0.1962
2000	0.1166	-	-	-	0.1166	0.1748	-	0.0131	0.0131	0.1879
2001	0.1139	-	-	-	0.1139	0.1708	-	0.0130	0.0130	0.1838
2002	0.1097	-	-	-	0.1097	0.1698	-	0.0129	0.0129	0.1827
2003	0.1059	-	-	-	0.1059	0.1666	-	0.0127	0.0127	0.1793
2004	0.1038	-	-	-	0.1038	0.1646	-	0.0125	0.0125	0.1771
2005	0.1004	-	-	-	0.1004	0.1610	-	0.0120	0.0120	0.1730
2006	0.1006	-	-	-	0.1006	0.1540	-	0.0120	0.0120	0.1660
2007	0.1004	-	-	-	0.1004	0.1520	-	0.0116	0.0116	0.1636
2Q2007	0.1004	-	-	-	0.1004	0.1520	-	0.0116	0.0116	0.1636
3Q2007	0.1004	-	-	-	0.1004	0.1520	-	0.0116	0.0116	0.1636
4Q2007	0.1004	-	-	-	0.1004	0.1522	-	0.0116	0.0116	0.1638
1Q2008	0.1004	-	-	-	0.1004	0.1545	-	0.0117	0.0117	0.1662
2Q2008	..	..	..	..	..	..	..	..	..	..

**SWITZERLAND**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	1995 = 100	1995 = 100	1995 = 100	1995 = 100	1995 = 100	1995 = 100	1995 = 100	
1987	..	..	85.1	77.0	109.8	95.5	96.1	..
1988	..	..	85.6	77.3	97.6	92.6	95.9	..
1989	..	..	86.1	77.9	93.9	91.9	95.1	..
1990	..	..	87.3	79.5	91.9	93.7	97.6	..
1991	..	..	89.3	82.8	105.9	98.7	98.6	..
1992	..	..	92.9	86.7	109.3	100.5	102.3	..
1993	..	105.1	96.1	89.7	110.2	99.2	100.5	..
1994	106.5	101.8	97.7	91.5	103.3	95.9	95.8	..
1995	100.0	100.0	100.0	100.0	100.0	100.0	100.0	..
1996	114.7	107.2	100.6	101.0	97.3	98.5	97.9	..
1997	123.9	113.3	99.9	100.9	99.4	99.9	95.4	..
1998	104.0	102.6	99.4	100.5	99.8	100.5	95.1	..
1999	114.2	107.6	98.9	101.2	94.6	97.7	91.6	..
2000	172.4	142.2	97.3	100.7	109.2	109.3	110.0	..
2001	159.0	134.7	96.3	100.7	139.8	130.0	130.2	..
2002	142.5	125.2	94.6	99.8	122.9	120.5	107.9	..
2003	151.4	129.3	93.0	98.0	122.0	118.9	106.0	..
2004	173.0	141.3	90.9	96.4	121.7	119.3	148.0	..
2005	222.6	167.4	87.2	93.6	137.7	130.1	137.1	..
2006	251.9	182.9	87.6	93.3	163.4	152.0	144.7	..
2007	258.0	187.3	85.6	91.8	176.9	159.4	170.0	..
2Q2000	160.0	136.8	97.4	100.7	103.8	105.4	97.5	..
3Q2000	181.8	150.4	97.4	100.7	106.7	107.0	114.7	..
4Q2000	193.3	151.4	97.1	100.7	125.2	121.7	132.3	..
1Q2001	159.2	133.4	96.7	100.8	141.4	130.3	134.7	..
2Q2001	168.3	141.4	96.4	100.8	142.2	131.3	134.3	..
3Q2001	163.1	136.6	96.4	100.7	141.7	131.3	133.1	..
4Q2001	145.4	127.2	95.7	100.3	133.8	126.9	118.8	..
1Q2002	134.9	120.5	94.9	100.2	125.1	122.3	117.2	..
2Q2002	144.5	126.9	94.6	100.1	123.8	121.1	109.3	..
3Q2002	142.9	126.2	94.6	100.1	122.9	120.6	100.7	..
4Q2002	147.8	127.2	94.4	98.9	119.9	118.0	104.4	..
1Q2003	162.1	134.7	93.8	98.5	121.8	118.6	102.3	..
2Q2003	143.5	125.7	93.4	98.3	121.8	118.6	96.1	..
3Q2003	148.0	128.1	93.3	98.2	122.1	119.2	107.1	..
4Q2003	151.8	128.6	91.3	96.9	122.2	119.0	118.6	..
1Q2004	151.6	128.5	91.2	96.7	119.8	118.0	135.8	..
2Q2004	166.3	138.7	91.2	96.5	119.6	117.8	149.4	..
3Q2004	177.4	144.5	91.2	96.5	119.6	117.8	154.3	..
4Q2004	196.6	153.3	89.9	95.8	127.6	123.7	152.6	..
1Q2005	185.8	146.5	87.3	93.9	133.7	126.5	137.5	..
2Q2005	210.5	159.1	87.2	93.5	134.3	126.8	140.9	..
3Q2005	244.7	178.4	87.2	93.5	134.8	127.0	133.9	..
4Q2005	249.5	185.4	87.2	93.5	147.8	140.2	136.0	..
1Q2006	244.6	177.8	87.5	93.4	156.6	147.7	138.5	..
2Q2006	260.4	187.9	87.7	93.4	156.8	147.9	145.7	..
3Q2006	266.0	192.1	87.7	93.4	159.4	149.3	147.3	..
4Q2006	236.5	173.7	87.6	93.0	180.6	163.0	147.4	..
1Q2007	230.2	169.1	86.0	91.7	178.8	160.8	150.6	..
2Q2007	252.2	186.0	85.9	91.7	178.2	159.9	157.4	..
3Q2007	262.7	190.5	85.9	91.7	177.5	159.1	170.0	..
4Q2007	287.0	203.4	84.4	91.9	173.0	157.7	202.1	..
1Q2008	300.6	211.3	84.1	93.0	194.3	172.1	228.1	..
2Q2008	..	..	..	..	..	..	..	..

# SWITZERLAND

## GENERAL NOTES

From 1Q93 onwards, prices refer to the monthly averages of the quarter. From 1Q86 up to 4Q92, prices refer to the second month of each quarter. From 1Q83 to 4Q85, prices refer to the first month of the quarter. Prior to 1Q83, prices refer to quarterly averages. See individual products for details.

**General Tax (VAT):** From 1 January 1995 onwards, VAT replaced the Turnover Tax, which was levied only on gasoline and diesel. VAT is not included in energy prices for industry and automotive diesel for commercial use because it is refunded.

From	To	%
01.01.95	31.12.98	6.5
01.01.99	31.12.00	7.5
01.01.01	now	7.6

**Special Tax:** Prices do not include duties for non-governmental energy research funds.

### CO2 Tax on fossil fuel for heating and process heat

From 1 January 2008 onwards, a tax of 12 CHF per tonne of CO2 emissions is levied on heating oil, natural gas and other fossil fuels used for heating purposes and process heat. Its value is circa 0.032 CHF/litre for light fuel oil, 38.06 CHF/tonne for low sulphur fuel oil, 0.025 CHF/m<sup>3</sup> (27.6 CHF/10\*7 kcal) for natural gas and 31.69 CHF/tonne for steam coal.

## OIL PRODUCTS

### Oil Emergency Reserves

Compulsory stocks of oil products are held by oil companies under governmental control, in order to face supply disruptions that the private economy cannot cope with. Corresponding costs (hereafter: Emergency fund) are financed by final consumers. In past years, emergency fund contributions have been collected in excess and must be reimbursed. For this reason, contribution fees on light and low sulphur fuel oils are negative in 2008.

### Incentive Tax on Sulphur

From 1 January 2004 onwards, an incentive tax of 0.03 CHF/litre was levied on motor fuels containing more than 0.001% sulphur. According to the Federal

Finances Administration, this tax revenue is negligible and will be reimbursed to the consumer through the medium of health insurance. Since 1 January 2005, the sulphur limit for both gasoline and diesel is 0.005%.

### “Climate cent” on motor fuel oils

From 1 October 2005 onwards, a surcharge of 0.015 CHF/litre is levied on gasoline and diesel by the “Climate Change” Foundation of the Swiss Oil Association. The surcharge is not included in fuel oil taxes below since it is levied by a private body on a non-governmental basis. The revenues from this surcharge serve for domestic and foreign emission-mitigating projects as well as to purchase international CO2 emissions certificates. The system proved its effectiveness by the end of 2007 and the Government decided to pursue it until 2012. But the objective of reducing the CO2-emissions from motor fuels (a 10% reduction between 1990 and 2010) still remains far out of reach. That is why the introduction of a CO2 tax on motor fuels is still regarded as a possibility to try to mitigate consumption.

**Sources:** Federal Office of Statistics. Data published: Federal Dept. of Economic Affairs, La Vie Economique, Monthly Bulletin. See individual products for exceptions.

## Low Sulphur Fuel Oil

### Excise Tax

From	To	CHF/tonne
01.01.78	26.02.86	3.80
27.02.86	10.06.86	47.60
11.06.86	30.06.95	3.80
01.07.95	31.12.96	3.70
01.01.97	now	3.60

### Special Tax

#### Emergency Fund

From	To	CHF/tonne
Prior to	31.12.93	see LFO
01.01.94	31.12.94	13.85
01.01.95	31.12.95	14.00
01.01.96	31.12.96	13.85
01.01.97	31.12.97	9.87
01.01.98	31.12.00	8.95
01.01.01	31.12.01	6.80
01.01.02	31.12.04	5.25
01.01.05	31.12.05	3.66
01.01.06	31.12.06	1.12
01.01.07	31.12.07	1.11
01.01.08	now	-1.27

From January 1993 onwards, prices refer to the Zurich area "at-the-door" price (all expenses included). Prior to December 1992, data shown are Swiss average prices.

### Specifications

Sulphur Content: 1%

**Source:** From 1 January 1993 onwards, price transmitted by the oil industry and previously by the Federal Office of Statistics.

### Light Fuel Oil

**General Tax (VAT):** Applies to households only. See general notes for Switzerland.

#### Excise Tax

From	To	CHF/ kl	CHF/ tonne
01.01.78	26.02.86	3.18	3.80
27.02.86	10.06.86	3.89	4.76
11.06.86	30.06.95	3.13	3.80
01.07.95	31.12.96	3.05	3.70
01.01.97	now	3.00	3.55

#### Special Tax

##### Emergency Fund

From	To	CHF/ kl	CHF/ tonne
01.01.78	31.12.85	21.16	25.25
01.01.86	30.06.86	17.81	21.25
01.07.86	30.09.86	16.97	20.25
01.10.86	31.12.89	18.06	21.55
01.01.90	31.12.90	26.23	31.30
01.01.91	31.12.91	24.80	30.10
01.01.92	31.12.92	23.98	29.10
01.01.93	31.12.93	19.78	24.00
01.01.94	31.12.94	16.69	20.25
01.01.95	31.12.95	16.80	20.40
01.01.96	31.12.96	17.10	20.20
01.01.97	31.12.97	13.10	15.50
01.01.98	31.12.00	10.60	12.42
01.01.01	31.12.01	8.05	9.53
01.01.02	31.12.03	6.05	7.16
01.01.04	31.12.04	6.20	7.34
01.01.05	31.12.06	4.20	4.97
01.01.07	31.12.07	1.05	1.24
01.01.08	now	-1.95	-2.31

From 1Q94 onwards, data shown are wholesale average prices, which are approximately 5% lower than in previous quarters. A continuous series could be estimated by multiplying prices prior to 1Q94 by 0.95. Prior to 1Q94, data refer to the national average prices for all lots larger than 20 kl/year.

For households, reported data are average prices for representative lots of 3 – 6 kilolitres.

### Specifications

Quality: Heizoel extra-leicht/  
Huile extra-légère (mazout)  
Density: 0.845 t/kl (1Q96 onwards)  
0.824 t/kl (prior to 1Q96)  
Sulphur Content: < 0.2%

### Automotive Diesel

**General Tax (VAT):** Applies to non-commercial use. See rates for gasoline.

#### Excise Tax

From	To	CHF/ litre	CHF/ tonne
01.01.78	31.09.85	0.553	672.35
01.10.85	07.03.93	0.557	667.00
08.03.93	30.06.95	0.759	908.64
01.07.95	31.12.96	0.754	903.20
01.01.97	now	0.759	908.98

#### Special Tax

##### Emergency Fund

From	To	CHF/ litre	CHF/ tonne
01.01.83	31.12.83	0.0138	16.75
01.01.84	31.12.84	0.0121	14.75
01.01.85	31.12.85	0.0142	17.29
01.01.86	30.06.86	0.0130	15.79
01.07.86	30.09.86	0.0124	14.75
01.10.86	31.12.86	0.0135	16.09
01.01.87	31.12.88	0.0120	14.34
01.01.89	31.12.89	0.0109	13.09
01.01.90	31.12.90	0.0153	18.34
01.01.91	31.12.91	0.0171	20.54
01.01.92	31.12.92	0.0162	19.50
01.01.93	31.12.93	0.0129	15.50
01.01.94	31.12.94	0.0115	13.80
01.01.95	31.12.95	0.0104	12.45
01.01.96	31.12.96	0.0129	15.45
01.01.97	31.12.97	0.0131	15.69
01.01.98	31.12.00	0.0106	12.69
01.01.01	31.12.01	0.0081	9.64
01.01.02	31.12.03	0.0061	7.31
01.01.04	31.12.04	0.0062	7.43
01.01.05	31.12.06	0.0042	5.03
01.01.07	31.12.07	0.01205	14.43
01.01.08	now	0.01505	18.02

From 1Q95 onwards, diesel prices for commercial use do not include VAT as it is refunded but up to 4Q94 they included the turnover tax which was not refunded.

For commercial use, data shown are average prices paid for bulk deliveries. Diesel used by non-commercial consumers exceeds 10% of all diesel sold.

**Specifications**

Density: 0.835 t/kl

Sulphur Content:

From	To	%
01.01.94	31.12.99	0.05
01.01.00	31.12.04	0.035
01.01.05	now	0.005

**Gasoline****General Tax (Turnover Tax):** This tax was in force until 1994.

From	To	%
01.01.78	30.09.82	5.6
01.10.82	31.12.94	6.2

**General Tax (VAT):** Replaces the Turnover Tax since 1 January 1995. See general notes for Switzerland.**Special Tax***Emergency Fund*

From	To	CHF/ litre
01.01.83	31.12.83	0.0154
01.01.84	31.12.84	0.0132
01.01.85	31.12.85	0.0145
01.01.86	30.06.86	0.0156
01.07.86	30.09.86	0.0149
01.10.86	31.12.87	0.0159
01.01.88	31.12.89	0.0127
01.01.90	31.12.90	0.0157
01.01.91	31.12.91	0.0229
01.01.92	31.12.92	0.0212
01.01.93	31.12.93	0.0185
01.01.94	31.12.94	0.0177
01.01.95	31.12.95	0.0212
01.01.96	31.12.96	0.0189
01.01.97	31.12.97	0.0171
01.01.98	31.12.00	0.0150
01.01.01	31.12.01	0.0130
01.01.02	31.12.02	0.0094
01.01.03	31.12.03	0.0058
01.01.04	31.12.04	0.0062
01.01.05	31.12.06	0.0042
01.01.07	now	0.00405

**Excise Tax**

Premium Leaded

From	To	CHF/ litre
01.01.78	31.09.85	0.529
01.10.85	31.12.88	0.549
01.01.89	31.12.91	0.569
01.01.92	07.03.93	0.586

From	To	CHF/ litre
08.03.93	31.12.93	0.788
01.01.94	30.06.95	0.800
01.07.95	31.12.96	0.795
01.01.97	31.12.97	0.799
01.01.98	31.12.99	0.807
01.01.00	now	prohibited

Premium Unleaded: 98 and 95 RON

From	To	CHF/ litre
01.10.85	31.12.88	0.468
01.01.89	31.12.91	0.489
01.01.92	07.03.93	0.505
08.03.93	31.12.93	0.707
01.01.94	30.06.95	0.719
01.07.95	31.12.96	0.715
01.01.97	31.12.97	0.719
01.01.98	31.12.99	0.727
01.01.00	now	0.731

From 1 January 2000 onwards, the sale of leaded gasoline is prohibited.

**Specifications**Grade and Octane: Premium Leaded 98 RON  
Premium Unleaded 98 RON  
Premium Unleaded 95 RON

Lead Content: 0.15 g/litre

Benzene Content: 1% (maximum)

Density: 0.744 t/kl

**NATURAL GAS**

Data for the latest year are provisional.

**General Tax (VAT):** Applies to households. See general notes for Switzerland.**Excise Tax**

From	To	CHF/ 10*7 kcal	CHF/ tonne
01.01.78	26.02.86	1.90	2.06
27.02.86	10.06.86	19.00	20.60
11.06.86	30.06.95	1.86	2.06
01.07.95	31.12.96	1.80	2.00
01.01.97	now	1.89	2.10

**Special Taxes***Emergency Fund:* Since no gas can be stored in Switzerland, the Swiss gas industry has a legal obligation to bare a share of the costs of holding light fuel oil emergency stocks. The annual contribution is based on the total quantity of gas consumed and is included in both prices and taxes shown.



Year	CHF/ 10 <sup>7</sup> kcal	CHF/ kWh
1986	0.9	0.008
1987	2.4	0.021
1988	2.1	0.018
1989	2.4	0.021
1990	3.5	0.03
1991	2.9	0.025
1992	4.1	0.035
1993	3.4	0.029
1994	3.7	0.032
1995	2.8	0.024
1996	2.1	0.018
1997	2.4	0.021
1998	2.3	0.02
1999	1.6	0.014
2000	1.4	0.012
2001	2.85	0.0245
2002	2.5	0.0215
2003	1.88	0.0162
2004	1.85	0.0159
2005	1.7	0.0146
2006	2.20	0.0189
2006	3.46	0.0298

**Specifications**

GCV: 9 560 kcal/m<sup>3</sup>

**Source:** Swiss Federal Office of Statistics.

**Industry**

Tariffs refer to annual consumption of 11.63 GWh, maximum load 6 000 kWh, (interruptible contract). Larger consumers (more than 50 GWh per year), negotiate tariffs which are approximately 25% lower.

**Households**

Tariffs refer to annual consumption of 20 MWh and apply to space heating (gas boilers with a maximum load of 15 kW) together with water heating and cooking. The tariff for "cooking only" (annual consumption of approximately 1 000 kWh) is 3.5 times higher.

**COAL**

**General Tax (VAT):** Applies to households. See general notes for Switzerland.

**Excise Tax**

From	To	CHF/ tonne
01.01.78	30.06.95	1.03
01.07.95	31.12.96	1.00
01.01.97	31.12.98	0.90
01.01.99	now	0

Prices refer to the first month of each quarter. The share of coal use is very small. Most steam coal is used by the cement industry.

**Steam Coal for Industry****Special Tax***Emergency Fund*

From	To	CHF/ tonne
01.01.82	31.12.89	18.0
01.01.90	30.06.92	11.0
01.07.92	30.06.93	6.0
01.07.93	31.12.95	3.0
01.01.96	31.12.96	1.0
01.01.97	now	0

From 1998 onwards, the Federal government removed the obligation to maintain coal emergency stocks.

**Specifications**

Quality: Finekohle  
Size: 0 - 50 mm  
NCV: 6 000 kcal/kg (cement industry)

**Source:** Transmitted by the coal industry.

**Coal for Households**

From 3Q93 onwards, this series has been discontinued.

**Special Tax***Emergency Fund*

From	To	CHF/ tonne
01.01.82	31.12.96	19.0

**Specifications**

Quality: Lignite

**Sources:** Telephone survey. Data published: Federal Department for Economic Affairs, *La Vie Economique*, Monthly Bulletin.

**Coking Coal****Special Tax***Emergency Fund*

From	To	CHF/ tonne
01.01.82	31.12.96	19.0

From 1Q90 onwards, this series is discontinued due to a lack of consumers (factories switching to natural gas).

Prior to 1Q90, prices refer to coal used mainly used in the paper and machine industries.

### Specifications

Quality:	Nussskohle
Size:	10, 20, and 30 mm
NCV:	7 200 kcal/kg

## ELECTRICITY

**General Tax (VAT):** Applies to households. See general notes for Switzerland.

**Source:** Federal Office of Statistics, which publishes the tariffs shown.

### Industry

From 2000 onwards, prices refer to consumption of 10 - 20 000 MWh. Tariffs for larger consumers (more than 20 GWh per year), are at least 0.02 CHF/kWh less. Average annual prices for the previous year are collected each February. Therefore, prices for the most recent year are provisional. Prior to 1998, tariffs refer to annual consumption of 15 000 MWh, maximum load 5 000 kWh.

### Households

Tariffs refer to consumption of 4.5 MWh/year.

From June 2000 onwards, the definitions of the different categories of consumers have been changed, notably in order to take into account people's growing preference for larger apartments. This leads to a typical electricity tariff for households which is about 7% lower than the preceding one.

## ENERGY PRICE INDICES

From 1986 onwards, annual indices are quarterly averages. Previously they were 12-month averages.

From 1Q93 onwards, quarterly indices refer to the three-month average of the quarter. From 1Q86 to 4Q92, indices refer to the second month of the quarter. Prior to 1Q86, indices refer to the first month of each quarter.

**Source:** Correspondence with the Federal Energy Office.

### Oil products

Indices are calculated from 1993 onwards, and are based on the weighted average of heating oil (LFO), gasoline and diesel for both wholesale and retail.

## TURKEY

Table 1 - Average Prices and Taxes in New Turkish Lira

High Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	15.5	8.5	3.6	12.1	27.6	15.5	8.5	3.6	12.1	27.6
1998	25.5	9.3	5.2	14.5	40.0	25.5	9.3	5.2	14.5	40.0
1999	52.2	11.2	9.5	20.7	72.8	52.2	11.2	9.5	20.7	72.8
2000	100.9	9.4	18.6	28.0	128.9	100.9	9.4	18.6	28.0	128.9
2001	160.9	28.2	33.5	61.7	222.6	160.9	28.2	33.5	61.7	222.6
2002	262.9	76.5	61.1	137.6	400.5	262.9	76.5	61.1	137.6	400.5
2003	291.2	96.5	69.8	166.2	457.4	291.2	96.5	69.8	166.2	457.4
2004	291.5	126.8	75.3	202.1	493.6	291.5	126.8	75.3	202.1	493.6
2005	415.6	204.0	111.5	315.5	731.1	415.6	204.0	111.5	315.5	731.1
2006	572.9	204.0	139.8	343.8	916.7	572.9	204.0	139.8	343.8	916.7
2007	661.9	204.0	155.9	359.9	1021.8	661.9	204.0	155.9	359.9	1021.8
2Q2007	636.8	204.0	151.4	355.4	992.2	636.8	204.0	151.4	355.4	992.2
3Q2007	687.3	204.0	160.4	364.4	1051.7	687.3	204.0	160.4	364.4	1051.7
4Q2007	763.1	204.0	174.1	378.1	1141.2	763.1	204.0	174.1	378.1	1141.2
1Q2008	791.7	204.0	179.2	383.2	1174.9	791.7	204.0	179.2	383.2	1174.9
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	29.9	43.9	11.1	54.9	84.8
1998	..	..	..	..	..	46.6	65.0	16.7	81.8	128.3
1999	..	..	..	..	..	86.5	131.1	32.6	163.8	250.3
2000	..	..	..	..	..	165.0	207.4	62.0	269.5	434.5
2001	..	..	..	..	..	335.4	323.4	116.7	440.1	775.5
2002	..	..	..	..	..	400.1	518.5	165.4	683.9	1084.0
2003	..	..	..	..	..	460.5	647.8	199.5	847.3	1307.8
2004	..	..	..	..	..	534.1	651.8	213.5	865.3	1399.5
2005	..	..	..	..	..	798.6	760.5	280.6	1041.1	1839.7
2006	..	..	..	..	..	1043.2	760.5	324.7	1085.2	2128.4
2007	..	..	..	..	..	1112.4	760.5	337.1	1097.6	2210.0
2Q2007	..	..	..	..	..	1089.8	760.5	333.0	1093.5	2183.3
3Q2007	..	..	..	..	..	1131.4	760.5	340.5	1101.0	2232.4
4Q2007	..	..	..	..	..	1219.3	760.5	356.4	1116.9	2336.2
1Q2008	..	..	..	..	..	1333.9	760.5	377.0	1137.5	2471.4
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.029	0.040	0.010	0.050	0.079	0.029	0.040	0.010	0.050	0.079
1998	0.043	0.061	0.016	0.076	0.119	0.043	0.061	0.016	0.076	0.119
1999	0.085	0.121	0.031	0.152	0.237	0.085	0.121	0.031	0.152	0.237
2000	0.180	0.192	0.062	0.255	0.435	0.180	0.192	0.062	0.255	0.435
2001	0.338	0.285	0.110	0.396	0.733	0.338	0.285	0.110	0.396	0.733
2002	0.392	0.537	0.167	0.705	1.096	0.392	0.537	0.167	0.705	1.096
2003	0.480	0.701	0.213	0.913	1.394	0.480	0.701	0.213	0.913	1.394
2004	0.579	0.726	0.235	0.961	1.539	0.579	0.726	0.235	0.961	1.539
2005	0.823	0.835	0.298	1.133	1.956	0.823	0.835	0.298	1.133	1.956
2006	1.050	0.835	0.339	1.174	2.224	1.050	0.835	0.339	1.174	2.224
2007	1.117	0.835	0.351	1.186	2.302	1.117	0.835	0.351	1.186	2.302
2Q2007	1.089	0.835	0.346	1.181	2.270	1.089	0.835	0.346	1.181	2.270
3Q2007	1.111	0.835	0.350	1.185	2.295	1.111	0.835	0.350	1.185	2.295
4Q2007	1.254	0.835	0.376	1.210	2.465	1.254	0.835	0.376	1.210	2.465
1Q2008	1.381	0.835	0.399	1.233	2.614	1.381	0.835	0.399	1.233	2.614
2Q2008	..	..	..	..	..	..	..	..	..	..

## TURKEY

Table 2 - Average Prices and Taxes in New Turkish Lira

Premium Unleaded (95 RON) Gasoline (per litre)						Premium Leaded/Lead Replacement Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.036	0.065	0.015	0.080	0.116	0.034	0.068	0.015	0.083	0.117
1998	0.057	0.110	0.025	0.135	0.192	0.054	0.115	0.025	0.140	0.195
1999	0.104	0.211	0.047	0.258	0.363	0.107	0.210	0.048	0.258	0.365
2000	0.223	0.277	0.084	0.361	0.583	0.223	0.275	0.084	0.359	0.582
2001	0.369	0.474	0.149	0.623	0.992	0.361	0.483	0.150	0.633	0.993
2002	0.441	0.810	0.225	1.035	1.477	0.500	0.755	0.226	0.981	1.481
2003	0.520	1.009	0.275	1.284	1.804	0.615	0.918	0.276	1.194	1.810
2004	0.618	1.042	0.299	1.341	1.959	0.647	1.019	0.300	1.318	1.966
2005	0.786	1.363	0.387	1.749	2.535	0.759	1.377	0.384	1.761	2.520
2006	0.991	1.363	0.424	1.786	2.777	0.961	1.366	0.419	1.785	2.745
2007	1.077	1.363	0.439	1.802	2.879	1.052	1.363	0.435	1.797	2.849
2Q2007	1.131	1.363	0.449	1.811	2.942	1.105	1.363	0.444	1.807	2.912
3Q2007	1.071	1.363	0.438	1.801	2.872	1.046	1.363	0.433	1.796	2.842
4Q2007	1.160	1.363	0.454	1.816	2.976	1.134	1.363	0.449	1.812	2.946
1Q2008	1.278	1.363	0.475	1.838	3.116	1.253	1.363	0.471	1.833	3.086
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive LPG for Commercial Use (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	28.0	-	2.2	2.2	30.2
1998	..	..	..	..	..	41.6	-	3.3	3.3	44.9
1999	..	..	..	..	..	63.0	-	5.0	5.0	68.0
2000	..	..	..	..	..	101.3	-	8.1	8.1	109.4
2001	..	..	..	..	..	209.2	-	37.0	37.0	246.2
2002	0.370	0.267	0.180	0.446	0.816	272.2	3.9	49.7	53.6	325.8
2003	0.426	0.411	0.151	0.562	0.988	284.3	7.2	52.5	59.7	344.0
2004	0.501	0.362	0.155	0.517	1.018	264.5	13.9	50.1	64.0	328.4
2005	..	..	..	..	..	323.1	22.9	62.3	85.2	408.4
2006	..	..	..	..	..	404.5	22.9	76.9	99.9	504.3
2007	0.785	0.496	0.231	0.727	1.512	462.3	23.3	87.4	110.7	573.1
2Q2007	0.761	0.485	0.224	0.709	1.470	464.1	22.9	87.7	110.6	574.7
3Q2007	0.784	0.485	0.228	0.713	1.496	464.2	22.9	87.7	110.6	574.8
4Q2007	0.860	0.532	0.250	0.782	1.642	464.6	24.4	88.0	112.4	577.0
1Q2008	0.840	0.518	0.244	0.762	1.602	496.7	25.1	93.9	119.1	615.8
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	26.4	-	2.1	2.1	28.5	33.5	-	2.7	2.7	36.2
1998	40.0	-	3.2	3.2	43.2	52.6	-	4.2	4.2	56.8
1999	61.4	-	4.9	4.9	66.3	87.6	-	7.0	7.0	94.6
2000	97.6	-	7.8	7.8	105.4	150.1	-	12.0	12.0	162.1
2001	205.7	-	36.4	36.4	242.1	253.2	-	44.8	44.8	297.9
2002	270.7	3.9	49.4	53.4	324.1	323.4	2.9	58.7	61.6	385.1
2003	276.7	7.2	51.1	58.4	335.0	338.0	-	60.8	60.8	398.8
2004	261.6	13.9	49.6	63.4	325.1	314.4	-	56.6	56.6	371.1
2005	319.4	22.9	61.6	84.6	404.0	411.5	-	74.1	74.1	485.5
2006	400.4	22.9	76.2	99.1	499.6	503.4	-	90.6	90.6	594.1
2007	460.2	23.3	87.0	110.3	570.5	572.4	-	103.0	103.0	675.4
2Q2007	460.0	22.9	86.9	109.9	569.9	571.0	-	102.8	102.8	673.8
3Q2007	460.0	22.9	86.9	109.9	569.8	573.6	-	103.2	103.2	676.8
4Q2007	460.0	24.4	87.2	111.6	571.6	575.1	-	103.5	103.5	678.6
1Q2008	492.1	25.1	93.1	118.2	610.3	589.4	-	106.1	106.1	695.5
2Q2008	..	..	..	..	..	..	..	..	..	..

## TURKEY

Table 3 - Average Prices and Taxes in New Turkish Lira

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	5.06	-	0.76	0.76	5.82	2.06	-	0.31	0.31	2.37
1998	8.50	-	1.28	1.28	9.78	3.60	-	0.54	0.54	4.14
1999	12.82	-	1.92	1.92	14.74	5.62	-	0.84	0.84	6.46
2000	17.30	-	2.91	2.91	20.22	7.71	-	1.30	1.30	9.01
2001	33.19	-	5.89	5.89	39.08	10.71	-	1.90	1.90	12.61
2002	54.05	-	9.73	9.73	63.78	19.48	-	3.51	3.51	22.98
2003	56.74	-	10.21	10.21	66.95	24.18	-	4.35	4.35	28.53
2004	49.28	-	8.87	8.87	58.15	31.30	-	5.63	5.63	36.93
2005	54.32	-	9.78	9.78	64.10	28.67	-	5.16	5.16	33.83
2006	58.86	-	10.59	10.59	69.45	30.08	-	5.41	5.41	35.49
2007	76.93	-	13.85	13.85	90.78	30.57	-	5.50	5.50	36.07
2Q2007	72.29	-	13.01	13.01	85.30	29.85	-	5.37	5.37	35.22
3Q2007	74.79	-	13.46	13.46	88.25	31.41	-	5.65	5.65	37.07
4Q2007	83.05	-	14.95	14.95	98.00	30.72	-	5.53	5.53	36.25
1Q2008	92.33	-	16.62	16.62	108.95	33.33	-	6.00	6.00	39.33
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	8.33	-	1.25	1.25	9.57	12.73	-	1.91	1.91	14.64
1998	12.99	-	1.95	1.95	14.94	18.59	-	2.79	2.79	21.38
1999	19.91	-	2.99	2.99	22.89	22.50	-	3.37	3.37	25.87
2000	27.70	-	4.67	4.67	32.37	37.42	-	6.28	6.28	43.69
2001	44.93	-	7.96	7.96	52.89	65.30	-	11.50	11.50	76.80
2002	67.71	-	12.19	12.19	79.90	96.35	-	17.34	17.34	113.69
2003	75.82	-	13.65	13.65	89.47	102.48	-	18.45	18.45	120.93
2004	90.59	-	16.31	16.31	106.89	125.08	-	22.52	22.52	147.60
2005	100.17	-	18.03	18.03	118.20	146.67	-	26.40	26.40	173.07
2006	113.89	-	20.50	20.50	134.39	170.63	-	30.71	30.71	201.34
2007	136.06	-	24.49	24.49	160.55	192.50	-	34.65	34.65	227.15
2Q2007	129.52	-	23.31	23.31	152.83	192.50	-	34.65	34.65	227.15
3Q2007	131.87	-	23.74	23.74	155.61	192.50	-	34.65	34.65	227.15
4Q2007	154.51	-	27.81	27.81	182.32	192.50	-	34.65	34.65	227.15
1Q2008	162.33	-	29.22	29.22	191.55	200.00	-	36.00	36.00	236.00
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0101	0.0001	0.0015	0.0016	0.0117	0.0100	0.0005	0.0016	0.0021	0.0121
1998	0.0169	0.0002	0.0026	0.0027	0.0196	0.0170	0.0009	0.0027	0.0035	0.0206
1999	0.0286	0.0003	0.0043	0.0046	0.0333	0.0290	0.0014	0.0046	0.0060	0.0350
2000	0.0424	0.0004	0.0072	0.0076	0.0500	0.0430	0.0022	0.0076	0.0098	0.0528
2001	0.0819	0.0008	0.0147	0.0155	0.0974	0.0831	0.0042	0.0155	0.0196	0.1027
2002	0.1195	0.0012	0.0217	0.0229	0.1424	0.1210	0.0061	0.0229	0.0289	0.1499
2003	0.1254	0.0013	0.0228	0.0240	0.1494	0.1281	0.0064	0.0242	0.0306	0.1587
2004	0.1198	0.0012	0.0218	0.0230	0.1428	0.1278	0.0064	0.0242	0.0305	0.1583
2005	0.1163	0.0047	0.0218	0.0264	0.1427	0.1242	0.0099	0.0241	0.0341	0.1583
2006	0.1163	0.0047	0.0218	0.0264	0.1427	0.1242	0.0099	0.0241	0.0341	0.1583
2007	0.1152	0.0046	0.0216	0.0262	0.1414	0.1242	0.0099	0.0241	0.0341	0.1583
2Q2007	0.1152	0.0046	0.0216	0.0262	0.1414	0.1242	0.0099	0.0241	0.0341	0.1583
3Q2007	0.1152	0.0046	0.0216	0.0262	0.1414	0.1242	0.0099	0.0241	0.0341	0.1583
4Q2007	0.1152	0.0046	0.0216	0.0262	0.1414	0.1242	0.0099	0.0241	0.0341	0.1583
1Q2008	0.1290	0.0052	0.0242	0.0294	0.1584	0.1483	0.0119	0.0288	0.0407	0.1890
2Q2008	..	..	..	..	..	..	..	..	..	..

**TURKEY**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	2003 = 100	2005 = 100	2003 = 100	2005 = 100		2005 = 100	2003 = 100	2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	2.9	2.2	4.5	4.5	..	2.0	4.6	4.0
1997	5.5	4.5	7.6	7.5	..	4.0	8.1	6.8
1998	8.5	7.3	12.9	12.8	..	6.2	12.5	11.4
1999	16.9	13.9	21.9	21.8	..	11.5	18.6	16.9
2000	29.6	22.5	33.1	33.1	..	17.7	26.4	26.0
2001	51.9	39.3	65.1	64.2	..	45.1	44.6	43.9
2002	79.1	58.2	93.9	93.5	..	62.4	74.6	65.4
2003	100.0	72.0	100.0	99.1	..	77.9	100.0	81.9
2004	109.1	78.6	97.3	98.9	..	80.6	107.6	97.2
2005	148.4	100.0	102.0	100.0	..	100.0	114.4	100.0
2006	198.3	110.2	113.9	99.9	..	122.1	138.7	111.6
2007	202.7	114.5	126.9	99.9	..	133.2	161.5	129.3
2Q2000	29.5	22.5	32.0	31.8	..	17.0	25.1	24.6
3Q2000	29.9	22.9	34.2	33.9	..	17.2	26.8	26.5
4Q2000	30.8	23.0	36.4	36.6	..	20.4	29.7	29.6
1Q2001	31.9	24.6	41.2	43.4	..	25.8	32.9	33.4
2Q2001	52.3	39.2	65.3	60.8	..	45.3	40.1	39.3
3Q2001	58.5	44.8	72.7	71.5	..	52.2	47.4	46.7
4Q2001	65.0	48.6	81.2	80.9	..	57.2	57.9	56.2
1Q2002	68.1	50.9	88.9	88.7	..	54.6	65.9	61.3
2Q2002	75.1	55.7	90.3	90.5	..	57.0	71.1	62.4
3Q2002	84.7	62.0	95.6	95.4	..	65.0	77.4	63.8
4Q2002	88.5	64.4	100.9	99.5	..	73.1	84.1	74.2
1Q2003	104.2	73.1	101.1	100.2	..	79.4	96.7	77.5
2Q2003	99.9	72.8	100.1	98.7	..	79.0	98.2	78.8
3Q2003	100.0	72.1	99.5	98.7	..	77.0	101.1	81.2
4Q2003	95.9	69.8	99.3	98.7	..	76.3	104.0	89.9
1Q2004	97.3	70.6	98.7	98.8	..	75.9	106.1	95.4
2Q2004	101.7	73.2	96.6	98.8	..	77.2	107.1	95.5
3Q2004	113.0	80.7	96.7	98.8	..	82.8	107.9	97.1
4Q2004	124.5	90.0	97.1	99.1	..	86.3	109.1	100.9
1Q2005	134.7	93.2	105.5	99.8	..	91.7	110.8	100.2
2Q2005	139.4	99.0	106.1	100.4	..	96.9	113.5	98.7
3Q2005	164.1	103.5	106.9	99.9	..	101.1	116.4	98.8
4Q2005	155.6	104.4	89.5	99.9	..	110.3	116.8	102.3
1Q2006	162.2	104.1	108.8	99.9	..	114.6	120.9	105.2
2Q2006	210.5	111.4	109.1	99.9	..	118.3	135.1	105.7
3Q2006	234.5	116.4	110.9	99.9	..	126.9	146.1	111.1
4Q2006	185.9	108.9	126.9	99.9	..	128.8	152.6	124.5
1Q2007	174.9	108.4	130.1	99.9	..	129.5	156.0	130.0
2Q2007	204.8	113.8	126.2	99.9	..	129.7	154.3	128.9
3Q2007	208.0	114.6	133.2	99.9	..	132.1	161.6	125.4
4Q2007	223.3	120.4	117.9	99.9	..	140.4	173.9	133.3
1Q2008	242.8	126.7	136.5	119.1	..	149.8	178.1	128.5
2Q2008	..	..	..	..	..	..	..	..

# TURKEY

## General Notes

Apart from oil products, all energy prices are determined by the Turkish government.

From 1Q88 onwards, prices refer to the monthly averages of the quarter. Prior to 1Q88, prices refer to the second month of the quarter. See individual products for exceptions.

**General Tax (VAT):** A value-added tax was introduced in 1986. Unless specified otherwise, VAT applies to household (or non-commercial) use. See individual product descriptions.

**Source:** Ministry of Energy and Natural Resources, Ankara.

## OIL PRODUCTS

### General Tax (VAT)

From	To	%
01.01.86	31.12.87	10
01.01.88	30.11.88	12
01.12.88	14.10.90	10
15.10.90	30.11.90	11
01.12.90	31.12.91	12
01.01.92	28.02.92	13.5
29.02.92	31.10.93	13
01.11.93	31.01.00	15
01.02.00	31.01.01	17
01.02.01	now	18

### Excise Tax

**Fuel Consumption Tax (FCT):** Amounts in the excise tax column include the FCT and special taxes. See individual products.

### Special Tax

**Fuel Price Stabilisation Fund (FPSF):** This fund was established by Decree 98/10745 on 1 July 1998 and is financed through a compensatory FPSF tax. The rate fluctuates and is inversely proportional to developments in international oil prices (CIF Mediterranean price) and the exchange rate of the Turkish lira against the United States Dollar. The

FPSF does not apply to fuels used in generating electricity. In 1999 and early 2000, the FPSF was only applied to diesel, and the rate was approximately 1% of the end-user price. Amounts are included in the excise tax column.

From 1989 onwards, prices are determined by refineries, importing companies and distributing companies. Prices shown are for Ankara.

### High Sulphur Fuel Oil

**General Tax (VAT):** See oil products.

**Excise Tax:** As shown in excise column.

### Specifications

Quality:	No. 6 Fuel Oil
Density:	0.97 t/kl
NCV:	9 600 kcal/kg

### Light Fuel Oil

**General Tax (VAT):** See oil products.

**Excise Tax:** As shown in excise column.

### Specifications

Quality:	No. 1 Light Fuel, Gazyagi
Density:	0.80 t/kl
NCV:	10 450 kcal/kg

### Automotive Diesel Oil

**General Tax (VAT):** See oil products.

**Excise Tax:** As shown in excise column.

### Specifications

Quality:	Motorin
Density:	0.85 t/kl
NCV:	10 350 kcal/kg

### Gasoline

**General Tax (VAT):** See oil products.

**Excise Tax:** As shown in excise column.

### Specifications

<i>Premium Leaded 95 RON</i>	
Density:	0.76 t/kl (at 15 °C)
Lead Content:	0.84 g/litre
Sulphur Content:	0.15%
NCV:	10 700 kcal/kg

*Premium Unleaded 95 RON*

Density:	0.775 t/kl (at 15 °C)
Lead Content:	0.013 g/litre
Sulphur Content:	0.10%
NCV:	10 700 kcal/kg

**Automotive LPG**

**General Tax (VAT):** See oil products.

**Excise Tax:** As shown in excise column.

**NATURAL GAS****General Tax (VAT)**

From	To	%
01.01.88	31.12.90	5
01.01.91	30.10.93	6
01.11.93	31.12.00	8
01.01.01	31.01.01	17
01.02.01	now	18

**Specifications**

GCV:	9 155 kcal/m <sup>3</sup>
NCV:	8 250 kcal/m <sup>3</sup>

**COAL****General Tax (VAT)**

From	To	%
01.01.92	30.10.93	12
01.11.93	31.01.00	15
01.02.00	31.01.01	17
01.02.01	now	18

Coal prices are set annually by the TKI and TTK (government).

**Steam Coal**

Prices refer to lignite, which is the predominant type of coal produced and consumed. Prior to 1992, taxes are not included in the prices.

**Specifications**

Quality:	Lignite
NCV:	4 250 kcal/kg (industry)
	4 250 kcal/kg (households)
	2 000 kcal/kg (electricity)

**Coking Coal**

Prices refer to domestic hard coal with coke qualities.

**Specifications**

NCV:	6 100 kcal/kg
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**ELECTRICITY****General Tax (VAT)**

From	To	%
01.01.85	30.11.86	10
01.12.86	31.12.87	12
01.01.88	14.10.90	10
15.10.90	30.11.90	11
01.12.90	30.10.93	12
01.11.93	31.01.00	15
01.02.00	31.01.01	17
01.02.01	now	18

From 1Q2005 onwards, the electricity excise taxes include an energy fund of 1% and a Turkish Radio and Television Corporation fund of 2% for both industry and household sectors. Prior to the 4Q2007 edition, these funds were included within the ex-tax price component.

**Industry**

**Excise Tax: 1%.**

Prices shown for the industrial sector are single-rate tariffs. There is also a two-rate tariff for peak-period and non-peak-period consumption that is approximately 10% less expensive.

**Households**

**Excise Tax: 5%.**

Prices shown for households are tariffs for the following monthly consumption rates:

As of	Consumption Rate
3Q84	≤ 60 kWh
1Q85	≤ 90 kWh
2Q85	≤ 150 kWh
1Q90	≤ 120 kWh
1Q94	suppressed



## ENERGY PRICE INDICES

Annual indices are 12-month averages. From 1Q93 onwards, quarterly indices refer to the three-month average. Prior to 1Q93, quarterly indices refer to the second month of each quarter.

**Sources:** Prime Ministry State Institute of Statistics, *Wholesale and Consumer Price Indices*, monthly. Eurostat, Harmonised indices of consumer prices (HICP).

### *Oil Products*

Wholesale: Published as chemicals, petroleum products.

Retail: From 1Q2006 onwards, HICP, Fuels and lubricants for personal transport equipment (cp0722). Prior

to 1Q2006, weighted average of HICP, Liquid fuels (CP0453) and HICP, Fuels and lubricants for personal transport equipment (cp0722).

### *Electricity*

Wholesale: Published as electricity.

Retail: HICP, Electricity (cp0451).

### *Natural Gas*

Retail: HICP, Gas (cp0452).

### *Coal*

Wholesale: Published as coal mining.

Retail: HICP, Solid fuels (cp0454).

**UNITED KINGDOM**  
**Table 1 - Average Prices and Taxes in Pounds Sterling**

Low Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	66.58	19.90	-	19.90	86.48
1998	..	..	..	..	..	47.72	21.57	-	21.57	69.29
1999	..	..	..	..	..	57.00	26.00	-	26.00	83.00
2000	..	..	..	..	..	92.30	27.50	-	27.50	119.80
2001	..	..	..	..	..	86.40	27.60	-	27.60	114.00
2002	..	..	..	..	..	97.70	27.60	-	27.60	125.30
2003	120.20	35.57	-	35.57	155.77	119.19	35.82	-	35.82	155.01
2004	111.99	39.78	-	39.78	151.76	102.21	39.78	-	39.78	141.99
2005	156.58	49.90	-	49.90	206.48	161.60	49.90	-	49.90	211.50
2006	173.10	62.67	-	62.67	235.78	169.24	62.67	-	62.67	231.91
2007	208.86	78.99	-	78.99	287.85	148.96	78.99	-	78.99	227.95
2Q2007	198.51	73.92	-	73.92	272.43	149.60	73.92	-	73.92	223.52
3Q2007	211.93	73.92	-	73.92	285.85	159.72	73.92	-	73.92	233.64
4Q2007	261.47	94.20	-	94.20	355.67	157.24	94.20	-	94.20	251.44
1Q2008	c	c	c	c	c	..	..	..	..	..
2Q2008	c	c	c	c	c	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	108.95	25.40	-	25.40	134.35	118.98	25.40	10.13	35.53	154.51
1998	80.30	27.60	-	27.60	107.90	91.15	27.60	5.94	33.54	124.69
1999	87.25	29.95	-	29.95	117.20	102.37	29.95	6.62	36.57	138.94
2000	141.96	31.05	-	31.05	173.01	173.83	31.05	10.24	41.29	215.12
2001	143.72	31.30	-	31.30	175.02	150.75	31.30	9.10	40.40	191.15
2002	136.91	31.30	-	31.30	168.21	120.42	31.30	7.59	38.89	159.31
2003	152.41	39.48	-	39.48	191.89	137.46	39.48	8.85	48.33	185.79
2004	171.88	44.55	-	44.55	216.43	166.11	43.03	10.46	53.49	219.60
2005	225.19	53.23	-	53.23	278.42	238.53	53.22	14.54	67.76	306.29
2006	271.53	65.44	-	65.44	336.98	283.72	65.44	17.46	82.90	366.61
2007	274.96	68.57	-	68.57	343.52	299.30	81.90	19.06	100.96	400.26
2Q2007	262.38	76.90	-	76.90	339.28	288.47	76.90	18.27	95.17	383.64
3Q2007	277.71	76.90	-	76.90	354.61	304.05	76.90	19.05	95.95	400.00
4Q2007	328.78	76.90	-	76.90	405.68	350.55	96.90	22.37	119.27	469.82
1Q2008	..	..	..	..	..	407.87	96.90	25.24	122.14	530.01
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.146	0.386	-	0.386	0.532	0.146	0.386	0.093	0.479	0.625
1998	0.119	0.438	-	0.438	0.557	0.119	0.438	0.098	0.536	0.655
1999	0.139	0.478	-	0.478	0.617	0.139	0.479	0.108	0.586	0.725
2000	0.208	0.484	-	0.484	0.692	0.208	0.484	0.121	0.605	0.813
2001	0.200	0.463	-	0.463	0.663	0.200	0.463	0.116	0.579	0.779
2002	0.184	0.458	-	0.458	0.642	0.185	0.458	0.112	0.571	0.755
2003	0.202	0.461	-	0.461	0.663	0.202	0.461	0.116	0.577	0.779
2004	0.226	0.471	-	0.471	0.697	0.226	0.471	0.122	0.593	0.819
2005	0.302	0.471	-	0.471	0.773	0.302	0.471	0.135	0.606	0.909
2006	0.338	0.472	-	0.472	0.810	0.338	0.472	0.142	0.614	0.952
2007	0.336	0.489	-	0.489	0.824	0.336	0.489	0.144	0.633	0.968
2Q2007	0.334	0.484	-	0.484	0.817	0.334	0.484	0.143	0.627	0.961
3Q2007	0.338	0.484	-	0.484	0.821	0.338	0.484	0.144	0.627	0.965
4Q2007	0.378	0.504	-	0.504	0.882	0.378	0.504	0.154	0.658	1.036
1Q2008	0.435	0.504	-	0.504	0.938	0.435	0.504	0.164	0.668	1.102
2Q2008	..	..	..	..	..	..	..	..	..	..

## UNITED KINGDOM

Table 2 - Average Prices and Taxes in Pounds Sterling

Premium Unleaded (97 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.188	0.419	0.106	0.525	0.713	0.140	0.386	0.092	0.478	0.618
1998	0.187	0.475	0.116	0.591	0.778	0.120	0.431	0.097	0.528	0.648
1999	0.196	0.510	0.123	0.633	0.829	0.130	0.467	0.104	0.571	0.701
2000	0.238	0.505	0.130	0.635	0.873	0.196	0.484	0.119	0.603	0.799
2001	0.218	0.487	0.123	0.610	0.828	0.181	0.464	0.113	0.577	0.758
2002	0.191	0.488	0.119	0.607	0.798	0.165	0.458	0.109	0.567	0.733
2003	0.201	0.492	0.121	0.613	0.814	0.186	0.461	0.113	0.574	0.760
2004	0.251	0.479	0.128	0.607	0.858	0.212	0.471	0.119	0.590	0.802
2005	0.324	0.471	0.139	0.610	0.934	0.267	0.471	0.129	0.600	0.867
2006	0.362	0.472	0.146	0.618	0.980	0.305	0.472	0.136	0.608	0.913
2007	0.366	0.489	0.150	0.638	1.004	0.314	0.489	0.140	0.629	0.942
2Q2007	0.371	0.484	0.149	0.633	1.003	0.320	0.484	0.141	0.624	0.945
3Q2007	0.379	0.484	0.151	0.634	1.013	0.328	0.484	0.142	0.626	0.954
4Q2007	0.390	0.504	0.156	0.660	1.050	0.348	0.504	0.149	0.652	1.000
1Q2008	0.444	0.504	0.166	0.669	1.113	0.386	0.504	0.156	0.659	1.046
2Q2008	..	..	..	..	..	..	..	..	..	..
Premium Leaded/Lead Replacement Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.138	0.434	0.100	0.534	0.672	62.21	-	-	-	62.21
1998	0.123	0.482	0.106	0.588	0.711	65.64	-	-	-	65.64
1999	0.143	0.514	0.115	0.629	0.772	63.58	-	-	-	63.58
2000	0.249	0.474	0.126	0.600	0.849	69.17	-	-	-	69.17
2001	0.198	0.480	0.119	0.599	0.797	92.74	4.69	-	4.69	97.43
2002	0.168	0.488	0.115	0.603	0.770	90.58	7.06	-	7.06	97.64
2003	0.189	0.492	0.119	0.611	0.800	94.07	6.70	-	6.70	100.77
2004	0.240	0.479	0.126	0.605	0.845	104.61	6.01	-	6.01	110.61
2005	..	..	..	..	..	158.56	5.79	-	5.79	164.35
2006	..	..	..	..	..	202.65	5.75	-	5.75	208.40
2007	..	..	..	..	..	161.73	4.68	-	4.68	166.40
2Q2007	..	..	..	..	..	125.45	4.68	-	4.68	130.14
3Q2007	..	..	..	..	..	133.53	3.55	-	3.55	137.09
4Q2007	..	..	..	..	..	189.55	4.25	-	4.25	193.81
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	75.25	-	-	-	75.25	193.14	-	13.52	13.52	206.66
1998	76.29	-	-	-	76.29	190.16	-	9.51	9.51	199.67
1999	70.91	-	-	-	70.91	188.93	-	9.45	9.45	198.38
2000	68.73	-	-	-	68.73	184.33	-	9.22	9.22	193.55
2001	77.11	-	-	-	77.11	189.36	-	9.47	9.47	198.83
2002	70.83	-	-	-	70.83	201.36	-	10.07	10.07	211.43
2003	79.32	-	-	-	79.32	205.06	-	10.25	10.25	215.31
2004	88.50	-	-	-	88.50	220.03	-	10.99	10.99	231.01
2005	118.04	-	-	-	118.04	252.44	-	12.62	12.62	265.06
2006	149.33	-	-	-	149.33	332.93	-	16.65	16.65	349.59
2007	143.75	-	-	-	143.75	358.68	-	17.93	17.93	376.62
2Q2007	111.18	-	-	-	111.18	365.26	-	18.27	18.27	383.53
3Q2007	120.73	-	-	-	120.73	342.03	-	17.10	17.10	359.13
4Q2007	162.12	-	-	-	162.12	337.54	-	16.88	16.88	354.42
1Q2008	..	..	..	..	..	368.04	-	18.40	18.40	386.44
2Q2008	..	..	..	..	..	..	..	..	..	..

## UNITED KINGDOM

Table 3 - Average Prices and Taxes in Pounds Sterling

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	34.42	-	-	-	34.42	33.74	-	-	-	33.74
1998	35.16	-	-	-	35.16	30.17	-	-	-	30.17
1999	34.87	-	-	-	34.87	29.05	-	-	-	29.05
2000	35.13	-	-	-	35.13	29.35	-	-	-	29.35
2001	34.84	4.80	-	4.80	39.64	32.24	-	-	-	32.24
2002	34.56	4.33	-	4.33	38.89	29.66	-	-	-	29.66
2003	34.01	4.57	-	4.57	38.58	28.11	-	-	-	28.11
2004	37.88	4.57	-	4.57	42.45	32.61	-	-	-	32.61
2005	44.57	4.57	-	4.57	49.14	36.07	-	-	-	36.07
2006	43.63	4.68	-	4.68	48.31	38.06	-	-	-	38.06
2007	46.39	4.33	-	4.33	50.72	41.16	-	-	-	41.16
2Q2007	47.44	4.63	-	4.63	52.07	38.48	-	-	-	38.48
3Q2007	45.05	4.45	-	4.29	49.34	40.66	-	-	-	40.66
4Q2007	47.77	4.32	-	4.32	52.09	47.84	-	-	-	47.84
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	122.78	-	8.59	8.59	131.37	..	..	..	..	..
1998	126.55	-	6.33	6.33	132.88	..	..	..	..	..
1999	128.89	-	6.44	6.44	135.33	..	..	..	..	..
2000	131.21	-	6.56	6.56	137.77	..	..	..	..	..
2001	137.79	-	6.89	6.89	144.68	..	..	..	..	..
2002	145.44	-	7.27	7.27	152.71	..	..	..	..	..
2003	148.65	-	7.43	7.43	156.08	..	..	..	..	..
2004	157.99	-	7.90	7.90	165.89	..	..	..	..	..
2005	173.16	-	8.66	8.66	181.82	..	..	..	..	..
2006	186.50	-	9.32	9.32	195.82	..	..	..	..	..
2007	201.27	-	10.06	10.06	211.33	..	..	..	..	..
2Q2007	198.16	-	9.91	9.91	208.07	..	..	..	..	..
3Q2007	197.90	-	9.89	9.89	207.79	..	..	..	..	..
4Q2007	210.10	-	10.50	10.50	220.60	..	..	..	..	..
1Q2008	218.78	-	10.94	10.94	229.72	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0395	-	-	-	0.0395	0.0714	-	0.0050	0.0050	0.0764
1998	0.0392	-	-	-	0.0392	0.0694	-	0.0035	0.0035	0.0729
1999	0.0394	-	-	-	0.0394	0.0686	-	0.0034	0.0034	0.0720
2000	0.0366	-	-	-	0.0366	0.0671	-	0.0034	0.0034	0.0705
2001	0.0334	0.0019	-	0.0019	0.0353	0.0666	-	0.0033	0.0033	0.0699
2002	0.0322	0.0024	-	0.0024	0.0346	0.0669	-	0.0033	0.0033	0.0702
2003	0.0312	0.0023	-	0.0023	0.0335	0.0675	-	0.0034	0.0034	0.0709
2004	0.0340	0.0024	-	0.0024	0.0364	0.0716	-	0.0036	0.0036	0.0752
2005	0.0456	0.0022	-	0.0022	0.0477	0.0781	-	0.0039	0.0039	0.0820
2006	0.0612	0.0023	-	0.0023	0.0635	0.0964	-	0.0048	0.0048	0.1012
2007	0.0628	0.0020	-	0.0020	0.0648	0.1041	-	0.0052	0.0052	0.1093
2Q2007	0.0607	0.0020	-	0.0020	0.0626	0.1052	-	0.0053	0.0053	0.1104
3Q2007	0.0595	0.0019	-	0.0019	0.0614	0.1021	-	0.0051	0.0051	0.1072
4Q2007	0.0634	0.0021	-	0.0021	0.0655	0.1018	-	0.0051	0.0051	0.1069
1Q2008	..	..	..	..	..	0.1094	-	0.0055	0.0055	0.1149
2Q2008	..	..	..	..	..	..	..	..	..	..

**UNITED KINGDOM**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	2000 = 100	1990 = 100	2000 = 100	1990 = 100	2000 = 100	1990 = 100	2000 = 100	1990 = 100
1987	..	84.4	..	81.8	..	89.1	..	94.0
1988	..	83.5	..	86.2	..	89.8	..	95.1
1989	..	89.5	..	92.5	..	93.6	..	96.5
1990	..	100.0	..	100.0	..	100.0	..	100.0
1991	..	107.4	..	110.1	..	107.0	..	106.4
1992	..	110.5	..	115.8	..	106.8	..	110.5
1993	..	119.3	..	115.4	..	102.7	..	111.1
1994	..	124.8	..	119.2	..	108.9	..	118.2
1995	62.7	131.2	118.9	120.8	110.9	112.5	121.7	120.2
1996	71.4	137.8	114.8	120.3	84.8	112.7	123.8	121.4
1997	72.6	151.5	108.2	114.5	87.8	111.6	115.2	122.4
1998	71.1	159.1	107.2	109.3	92.4	107.8	103.7	123.6
1999	80.9	172.5	107.9	108.0	91.9	107.1	97.0	126.0
2000	100.0	195.2	100.0	105.7	100.0	104.5	100.0	128.2
2001	94.4	185.2	91.5	104.8	134.0	107.3	116.6	134.3
2002	90.8	179.3	88.2	105.3	126.7	114.1	103.8	141.2
2003	95.9	185.8	85.4	106.3	132.0	116.2	101.0	144.2
2004	105.2	196.2	93.1	112.7	147.1	124.7	129.4	151.7
2005	126.1	213.4	124.7	124.7	223.6	143.1	147.2	167.1
2006	135.1	225.1	167.5	151.7	279.0	188.7	149.5	179.6
2007	138.5	231.2	171.9	163.9	224.9	203.3	159.0	192.5
2Q2000	95.5	197.1	95.3	106.2	91.5	103.8	97.0	126.3
3Q2000	102.7	200.2	95.0	104.5	91.7	103.7	103.8	125.4
4Q2000	108.8	197.2	96.5	104.5	123.2	103.7	106.7	132.0
1Q2001	97.2	187.1	97.3	104.5	142.5	103.9	107.7	132.7
2Q2001	96.0	189.3	86.7	104.6	131.9	108.4	118.1	131.4
3Q2001	95.2	187.9	87.7	104.9	122.7	108.5	122.6	132.2
4Q2001	89.4	176.4	94.0	105.1	138.9	108.5	118.1	140.7
1Q2002	87.3	173.4	95.4	105.1	143.7	113.5	115.3	141.2
2Q2002	91.2	182.4	84.9	105.2	119.7	114.1	107.7	139.8
3Q2002	91.6	180.5	84.4	105.4	110.7	114.4	97.9	139.3
4Q2002	93.0	181.1	87.7	105.4	132.5	114.5	94.9	144.4
1Q2003	100.1	187.6	87.2	105.5	139.2	114.5	96.3	144.5
2Q2003	94.3	185.9	82.2	105.9	121.0	115.5	95.9	142.6
3Q2003	93.6	184.4	82.5	106.7	113.3	117.0	97.7	142.6
4Q2003	95.7	185.3	89.4	107.3	154.8	117.8	114.1	146.9
1Q2004	95.9	187.3	91.7	109.0	150.4	120.2	114.6	148.0
2Q2004	101.0	196.2	86.3	111.9	124.9	123.5	126.8	147.0
3Q2004	107.7	197.7	87.7	113.1	135.1	124.3	133.7	150.3
4Q2004	116.1	203.5	104.7	116.8	179.1	130.7	142.6	161.4
1Q2005	112.2	197.7	108.6	121.5	210.9	138.3	139.0	164.5
2Q2005	122.8	209.3	115.0	123.1	179.2	139.8	141.3	163.9
3Q2005	134.3	224.0	121.9	124.0	186.3	141.3	157.2	164.8
4Q2005	135.0	222.5	154.5	130.0	320.3	152.8	154.9	175.1
1Q2006	133.1	219.7	166.5	135.3	363.5	160.2	155.9	176.1
2Q2006	138.7	232.9	159.8	149.3	246.5	183.5	150.4	176.7
3Q2006	140.7	234.2	161.0	156.8	231.9	195.7	144.7	176.5
4Q2006	127.9	213.8	182.5	165.4	279.7	215.4	147.8	189.1
1Q2007	125.5	214.5	184.9	168.9	252.1	221.0	146.7	190.4
2Q2007	133.6	231.2	166.0	165.6	181.6	207.0	151.9	189.7
3Q2007	139.0	233.6	162.9	160.7	193.3	193.8	160.7	189.4
4Q2007	155.8	245.7	173.6	160.2	274.4	191.3	178.3	200.3
1Q2008	168.4	257.3	..	172.2	..	208.6	..	207.6
2Q2008	..	..	..	..	..	..	..	..

# UNITED KINGDOM

## GENERAL NOTES

From 1Q93 onwards, quarterly prices refer to the average of the three mid-month prices. From 1Q85 to 4Q92, prices refer to the second month of each quarter. Prior to 1Q85, prices refer to the first month of the quarter.

**General Tax (VAT):** See individual products for details. VAT is not included in prices and taxes shown for industry, electricity generation and automotive diesel (for commercial use) because it is refunded.

### Special Tax

*Climate Change Levy:* From April 2001 onwards, this levy is payable by industrial consumers of gas, electricity, coal, coke and LPG. Discounts and exemptions are available, depending on the source and use of the fuel. See individual products for details.

**Source:** Unless specified otherwise, source is Department for Business, Enterprise & Regulatory Reform's publication *Quarterly Energy Prices*. The tables are available online at the BERR web site [www.berr.gov.uk/energy/statistics/publications/prices/](http://www.berr.gov.uk/energy/statistics/publications/prices/). Please see individual product notes for references to specific tables or methodology.

## OIL PRODUCTS

### High Sulphur Fuel Oil

**Excise Tax (Hydrocarbon Tax):** As shown in excise tax column.

From November 2002 onwards, high sulphur fuel oil prices are no longer available. For 4Q02, the retail price 150.98 GBP/tonne is a mixture of high and low sulphur prices.

The duty rate for low sulphur fuel oil in 2005 is 49.91 GBP/tonne.

### Specifications

Quality: Heavy Fuel Oil, Class G  
Density: 0.98 t/kl  
Sulphur Content: 2 - 3.0%  
Delivery Size: < 24 000 t/year  
NCV: 9 870 kcal/kg

**Source:** Department for Business, Enterprise & Regulatory Reform, following specification of EC decision 26 January 1997. Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### Heavy Fuel Oil for Electricity Generation

Price shown is the annual average expenditure per tonne incurred by electric power stations for all grades and delivery sizes of heavy fuel oil. The price of fuel used to initiate combustion of heavy fuel has not been incorporated in the series.

**Source:** Quarterly survey carried out among electric power companies. See general notes for the United Kingdom.

### Light Fuel Oil for Industry

**Excise Tax (Hydrocarbon Tax):** As shown in excise tax column.

Prices refer to the average quarterly expenditure per kilolitre by the manufacturing industry.

### Specifications

Quality: Heating Gasoil, Class D  
Density: 0.847 t/kl  
NCV: 10 260 kcal/kg

**Sources:** From 1989 onwards, quarterly survey among some 1 200 sites including the small and medium-sized purchasers. Prior to 1989, survey of 800 large users of energy in the manufacturing industry. See general notes for the United Kingdom.

### Light Fuel Oil for Households

#### General Tax (VAT)

From	To	%
Prior to	01.04.94	exempt
01.04.94	31.08.97	8
01.09.97	now	5

#### Excise Tax (Hydrocarbon Tax)

From	To	GBP/ kl
01.01.78	29.11.93	see tax column
30.11.93	28.11.94	16.40
29.11.94	27.11.95	21.40
28.11.95	25.11.96	23.30
26.11.96	01.07.97	25.00
02.07.97	16.03.98	25.80
17.03.98	08.03.99	28.20
09.03.99	20.03.00	30.30

From	To	GBP/ kl
21.03.00	08.04.03	31.30
09.04.03	02.12.04	42.20
03.12.04	05.12.05	52.20
06.12.05	06.12.06	64.40
07.12.06	30.09.07	76.90
01.10.07	now	96.90

**Source:** See general notes for the United Kingdom.

### *Automotive Diesel Oil*

**General Tax (VAT):** Applies to households.

From	To	%
01.01.78	16.06.79	8
17.06.79	31.03.91	15
01.04.91	now	17.5

**Excise Tax (Hydrocarbon Tax):** As shown in excise tax column.

Prices refer to pump prices.

#### **Specifications**

Quality:	Gasoil Ultra Low Sulphur Diesel, Class A
Density:	0.845 t/kl

**Source:** See general notes for the United Kingdom.

### *Gasoline*

**General Tax (VAT)**

From	To	%
01.01.78	16.06.79	8
17.06.79	31.03.91	15
01.04.91	now	17.5

**Excise Tax (Hydrocarbon Tax)**

Premium Leaded/Lead Replacement

From	To	GBP/ litre
17.03.87	14.03.88	0.1938
15.03.88	13.03.89	0.2044
14.03.89	19.03.90	0.2044
20.03.90	18.03.91	0.2248
19.03.91	09.03.92	0.2585
10.03.92	21.03.93	0.2739
22.03.93	29.11.93	0.3058
30.11.93	28.11.94	0.3314
29.11.94	31.12.94	0.3526
01.01.95	27.11.95	0.3614
28.11.95	25.11.96	0.3912
26.11.96	01.07.97	0.4168
02.07.97	16.03.98	0.4510
17.03.98	08.03.99	0.4920

From	To	GBP/ litre
09.03.99	30.09.99	0.5288
01.10.99	20.03.00	0.4921
21.03.00	06.03.01	0.5089
07.03.01	14.06.01	0.4682
15.06.01	30.09.03	0.4882
01.10.03	31.03.04	0.5019
01.04.04	now	0.4710

Premium Unleaded 95 RON

From	To	GBP/ litre
17.03.87	13.03.89	0.1842
14.03.89	19.03.90	0.1772
20.03.90	18.03.91	0.1949
19.03.91	09.03.92	0.2241
10.03.92	21.03.93	0.2342
22.03.93	29.11.93	0.2576
30.11.93	28.11.94	0.2832
29.11.94	31.12.94	0.3044
01.01.95	27.11.95	0.3132
28.11.95	25.11.96	0.3430
26.11.96	01.07.97	0.3686
02.07.97	16.03.98	0.4028
17.03.98	08.03.99	0.4399
09.03.99	20.03.00	0.4721
21.03.00	06.03.01	0.4882
07.03.01	14.06.01	0.4682

Ultra Low-Sulphur Petrol

From	To	GBP/ litre
07.03.01	30.09.03	0.4582
01.10.03	06.12.06	0.4710
07.12.06	30.09.07	0.4835
01.10.07	now	0.5035

Super Unleaded 97 RON

From	To	GBP/ litre
17.03.87	27.11.95	see tax column
28.11.95	14.05.96	0.3430
15.05.96	25.11.96	0.3762
26.11.96	01.07.97	0.4018
02.07.97	16.03.98	0.4360
17.03.98	08.03.99	0.4876
09.03.99	30.09.99	0.5233
01.10.99	20.03.00	0.4921
21.03.00	06.03.01	0.5089
07.03.01	14.06.01	0.4682
15.06.01	30.09.03	0.4882
01.10.03	31.03.04	0.5019
01.04.04	06.12.06	0.4710
07.12.06	30.09.07	0.4835
01.10.07	now	0.5035

Prices refer to the average pump price.

From 4Q99 onwards, prices for premium leaded refer to lead replacement petrol (LRP). From 2Q01 onwards, excise taxes for premium unleaded 95 RON gas refers to Ultra Low-Sulphur Petrol.

### Specifications

Grade and Octane:	Premium Leaded 97 RON 4 Star (prior to 4Q99) Leaded Replacement 97/98 RON (4Q99 onwards) Premium Unleaded 95 RON (prior to 2Q01) Ultra Low Sulphur Petrol 95 RON (2Q01 onwards) Super Unleaded 97 RON
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Density: 0.736 - 0.739 t/kl

**Source:** See general notes for the United Kingdom.

## NATURAL GAS

### Specifications

GCV: 8 400 kcal/m<sup>3</sup>

### Industry

Prices refer to average revenues per 10<sup>7</sup> kcal received by all public utilities from industry.

### Special Tax

#### Climate Change Levy:

From	To	GBP/kWh
01.04.01	31.03.07	0.0015
01.04.07	31.03.08	0.00154
01.04.08	now	0.00159

The climate change levy came into force in April 2001. Discounts and exemptions are available depending on the source and use of the fuel.

**Source:** Quarterly average expenditure incurred by 1200 large users of energy in the manufacturing industry (800 sites, including small and medium sized purchasers). See general notes for the United Kingdom.

### Electricity Generation

Prices refer to the average annual expenditure of electric power plants on gas purchased from public supply. Prices for 1990 to 1992 are confidential.

**Source:** Quarterly survey among the major power plants. See general notes for the United Kingdom.

## Households

### General Tax (VAT)

From	To	%
01.04.94	31.08.97	8
01.09.97	now	5

Base price levels are calculated as the average unit cost per 10<sup>7</sup> kcal of gas sold to the domestic sector by gas suppliers (including standing charges). These prices are collected from inquiries to the gas suppliers. Quarter-to-quarter and annual movements are calculated using the retail prices index for gas.

## COAL

### Steam Coal for Industry

#### Special Tax

#### Climate Change Levy:

From	To	GBP/tonne
01.04.01	31.03.07	11.70
01.04.07	31.03.08	12.01
01.04.08	now	12.42

The climate change levy came into force in April 2001. Discounts and exemptions are available depending on the source and use of the fuel.

Prices refer to the average quarterly expenditure per tonne for all grades of coal purchased by large fuel consumers in the manufacturing industry (except iron and steel).

#### Specifications:

Sulphur Content:	0.5 - 2.6%
Ash Content:	3 - 19% (all industries) 18% (cement industry)
Water Content:	3 - 19%
GCV:	5 280 - 7 930 kcal/kg

**Source:** See general notes for the United Kingdom.

### Steam Coal for Electricity Generation

Prices refer to the average quarterly expenditure of electric power plants on all grades of steam coal.



**Specifications**

NCV: 5 653 kcal/kg

**Source:** Quarterly survey among the major power plants. See general notes for the United Kingdom.

**Coal for Households****General Tax (VAT)**

From	To	%
01.04.94	31.08.97	8
01.09.97	now	5

Price shown is a national base-weighted average price using average prices charged by merchants of each area for household coal deliveries.

**Source:** Independent coal producers.

**ELECTRICITY****Industry****Special Tax****Climate Change Levy:**

From	To	GBP/kWh
01.04.01	31.03.07	0.0043
01.04.07	31.03.08	0.00441
01.04.08	now	0.00456

The climate change levy came into force in April 2001. Discounts and exemptions are available depending on the source and use of the fuel.

Prices refer to average revenues per kWh received by all public utilities from all industrial sectors (factories).

**Sources:** From 1989 onwards, quarterly survey among 1 200 sites including small and medium-sized purchasers. Prior to 1989, survey covered 800 large users of energy in the manufacturing industry. See general notes for the United Kingdom.

**Households****General Tax (VAT)**

From	To	%
01.04.94	31.08.97	8
01.09.97	now	5

Base price levels are calculated as the average unit cost per kWh of electricity sold to the domestic sector by electricity suppliers (including standing charges). These data are collected from inquiries to the electricity suppliers. Quarter to quarter and annual movements are calculated using the retail prices index for electricity.

**Source:** Quarterly survey. See general notes for the United Kingdom.

**ENERGY PRICE INDICES**

Annual indices are 12-month averages. From 1Q93 onwards, quarterly indices refer to the three-month average. Prior to 1Q93, indices refer to the second month of each quarter.

**Sources:** Retail: Office for National Statistics, ONS *Monthly Digest of Statistics*. Wholesale: Fuel price indices for the industrial sector, *Quarterly Energy Prices*.

**Oil Products**

Wholesale: From 1Q98 onwards, indices refer to oil products. Prior to 1Q98, indices refer to the weighted average of medium fuel oil, gas oil, and derv fuel (diesel fuel).

Retail: Weighted average of heating oils and petrol and oil.

**Electricity**

Wholesale: Index based on the average unit value (excluding VAT) of sales to industrial customers of electricity. Not a true wholesale price.

Retail: Electricity.

**Natural Gas**

Wholesale: Indices refer to the average unit value (excluding VAT) of sales to industrial customers of natural gas. Not a true wholesale price.

Retail: Gas.

**Coal**

Wholesale: Coal.

Retail: Coal.

**UNITED STATES**  
**Table 1 - Average Prices and Taxes in US Dollars**

Heavy Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	118.65	..	..	..	..	116.80
1998	..	..	..	..	85.45	..	..	..	..	86.86
1999	101.45	..	..	5.23	106.68	94.63	..	..	5.23	99.86
2000	160.52	..	..	8.27	168.79	170.37	..	..	8.27	178.64
2001	140.83	..	..	7.26	148.09	148.74	..	..	7.26	156.00
2002	150.81	..	..	7.77	158.58	146.14	..	..	7.77	153.91
2003	186.20	..	..	9.59	195.79	190.12	..	..	9.59	199.71
2004	196.45	..	..	10.12	206.57	193.41	..	..	10.12	203.53
2005	281.43	..	..	14.50	295.93	278.44	..	..	14.50	292.94
2006	325.69	..	..	16.78	342.47	309.89	..	..	16.78	326.67
2007	368.28	..	..	18.98	387.26	332.69	..	..	18.98	351.67
2Q2007	343.11	..	..	17.68	360.78	332.45	..	..	17.68	350.13
3Q2007	383.75	..	..	19.77	403.53	337.57	..	..	19.77	357.34
4Q2007	464.18	..	..	23.92	488.09	424.35	..	..	23.92	448.27
1Q2008	493.41	..	..	25.42	518.83	464.24	..	..	25.42	489.67
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	155.74	..	..	..	..	275.97
1998	..	..	..	..	111.53	..	..	..	..	241.56
1999	..	..	..	..	135.21	..	..	..	..	252.83
2000	..	..	..	..	227.64	..	..	..	..	357.09
2001	..	..	..	..	198.62	..	..	..	..	344.16
2002	174.14	..	..	8.97	183.11	294.17	..	..	20.32	314.49
2003	220.89	..	..	11.38	232.27	349.44	..	..	20.32	369.75
2004	282.86	..	..	14.57	297.43	395.64	..	..	20.04	415.68
2005	406.72	..	..	20.96	427.67	525.22	..	..	27.22	552.45
2006	460.84	..	..	23.74	484.58	605.92	..	..	31.00	636.91
2007	518.34	..	..	26.71	545.05	663.12	..	..	33.76	696.88
2Q2007	491.38	..	..	25.32	516.70	656.36	..	..	32.16	688.52
3Q2007	521.62	..	..	26.88	548.49	674.22	..	..	33.04	707.26
4Q2007	627.43	..	..	32.33	659.76	795.88	..	..	39.00	834.88
1Q2008	681.31	..	..	35.10	716.41	864.36	..	..	42.35	906.71
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	0.199	..	..	0.116	0.315	0.197	..	..	0.116	0.313
1998	0.159	..	..	0.116	0.276	0.159	..	..	0.116	0.276
1999	0.181	..	..	0.116	0.297	0.181	..	..	0.116	0.297
2000	0.277	..	..	0.117	0.394	0.277	..	..	0.118	0.395
2001	0.253	..	..	0.118	0.371	0.253	..	..	0.118	0.371
2002	0.230	..	..	0.118	0.348	0.230	..	..	0.118	0.348
2003	0.279	..	..	0.119	0.398	0.279	..	..	0.119	0.398
2004	0.358	..	..	0.120	0.478	0.358	..	..	0.120	0.478
2005	0.515	..	..	0.121	0.636	0.515	..	..	0.121	0.636
2006	0.584	..	..	0.130	0.714	0.584	..	..	0.130	0.714
2007	0.630	..	..	0.131	0.761	0.630	..	..	0.131	0.761
2Q2007	0.613	..	..	0.130	0.743	0.613	..	..	0.130	0.743
3Q2007	0.636	..	..	0.130	0.765	0.636	..	..	0.130	0.765
4Q2007	0.728	..	..	0.136	0.864	0.728	..	..	0.136	0.864
1Q2008	0.795	..	..	0.137	0.932	0.795	..	..	0.137	0.932
2Q2008	..	..	..	..	..	..	..	..	..	..

**UNITED STATES**  
**Table 2 - Average Prices and Taxes in US Dollars**

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	0.264	..	..	0.101	0.365	0.238	..	..	0.101	0.339
1998	0.220	..	..	0.101	0.321	0.195	..	..	0.101	0.296
1999	0.248	..	..	0.101	0.349	0.225	..	..	0.101	0.326
2000	0.338	..	..	0.101	0.439	0.316	..	..	0.101	0.417
2001	0.322	..	..	0.101	0.423	0.299	..	..	0.101	0.400
2002	0.303	..	..	0.102	0.404	0.279	..	..	0.102	0.380
2003	0.360	..	..	0.102	0.462	0.336	..	..	0.102	0.438
2004	0.436	..	..	0.103	0.539	0.412	..	..	0.103	0.515
2005	0.548	..	..	0.104	0.652	0.522	..	..	0.104	0.626
2006	0.607	..	..	0.127	0.733	0.580	..	..	0.127	0.706
2007	0.665	..	..	0.131	0.795	0.637	..	..	0.131	0.768
2Q2007	0.716	..	..	0.133	0.849	0.691	..	..	0.133	0.824
3Q2007	0.679	..	..	0.130	0.809	0.650	..	..	0.130	0.780
4Q2007	0.712	..	..	0.131	0.843	0.682	..	..	0.131	0.814
1Q2008	0.748	..	..	0.133	0.880	0.718	..	..	0.133	0.851
2Q2008	..	..	..	..	..	..	..	..	..	..
Regular Unleaded (91 RON) Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	0.216	..	..	0.101	0.317	..	..	..	..	136.18
1998	0.171	..	..	0.101	0.272	..	..	..	..	119.03
1999	0.199	..	..	0.101	0.300	..	..	..	..	118.71
2000	0.291	..	..	0.101	0.392	..	..	..	..	170.99
2001	0.274	..	..	0.101	0.375	..	..	..	..	198.64
2002	0.254	..	..	0.102	0.355	..	..	..	..	154.43
2003	0.311	..	..	0.102	0.412	..	..	..	..	223.77
2004	0.386	..	..	0.103	0.489	..	..	..	..	252.05
2005	0.496	..	..	0.104	0.600	..	..	..	..	325.17
2006	0.552	..	..	0.127	0.679	..	..	..	..	302.04
2007	0.609	..	..	0.131	0.739	..	..	..	..	291.15
2Q2007	0.664	..	..	0.133	0.797	..	..	..	..	309.96
3Q2007	0.623	..	..	0.130	0.753	..	..	..	..	258.90
4Q2007	0.652	..	..	0.131	0.784	..	..	..	..	288.08
1Q2008	0.688	..	..	0.133	0.820	..	..	..	..	343.31
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	109.48	..	..	..	..	266.82
1998	..	..	..	..	94.33	..	..	..	..	262.19
1999	..	..	..	..	102.09	..	..	..	..	257.17
2000	..	..	..	..	172.86	..	..	..	..	321.47
2001	..	..	..	..	176.31	..	..	..	..	369.10
2002	..	..	..	..	140.48	..	..	..	..	303.84
2003	..	..	..	..	213.12	..	..	..	..	365.46
2004	..	..	..	..	235.72	..	..	..	..	412.78
2005	..	..	..	..	325.89	..	..	..	..	492.14
2006	..	..	..	..	274.59	..	..	..	..	528.16
2007	..	..	..	..	281.37	..	..	..	..	499.52
2Q2007	..	..	..	..	302.53	..	..	..	..	544.62
3Q2007	..	..	..	..	259.91	..	..	..	..	630.25
4Q2007	..	..	..	..	284.89	..	..	..	..	486.03
1Q2008	..	..	..	..	335.87	..	..	..	..	486.67
2Q2008	..	..	..	..	..	..	..	..	..	..

**UNITED STATES**  
**Table 3 - Average Prices and Taxes in US Dollars**

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	35.73	..	..	..	..	29.11
1998	..	..	..	..	35.57	..	..	..	..	28.64
1999	..	..	..	..	34.81	..	..	..	..	27.82
2000	..	..	..	..	34.97	..	..	..	..	27.46
2001	..	..	..	..	36.12	..	..	..	..	28.18
2002	..	..	..	..	37.00	..	..	..	..	28.68
2003	..	..	..	..	37.70	..	..	..	..	29.05
2004	..	..	..	..	43.32	..	..	..	..	30.92
2005	..	..	..	..	52.12	..	..	..	..	35.30
2006	..	..	..	..	52.12	..	..	..	..	38.76
2007	..	..	..	..	59.82	..	..	..	..	40.63
2Q2007	..	..	..	..	59.74	..	..	..	..	40.64
3Q2007	..	..	..	..	59.84	..	..	..	..	40.65
4Q2007	..	..	..	..	59.72	..	..	..	..	41.05
1Q2008	..	..	..	..	60.56	..	..	..	..	42.47
2Q2008	..	..	..	..	62.65	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	52.24
1998	..	..	..	..	..	..	..	..	..	50.79
1999	..	..	..	..	..	..	..	..	..	50.55
2000	..	..	..	..	..	..	..	..	..	49.04
2001	..	..	..	..	..	..	..	..	..	51.32
2002	..	..	..	..	..	..	..	..	..	56.45
2003	..	..	..	..	..	..	..	..	..	55.86
2004	..	..	..	..	..	..	..	..	..	67.85
2005	..	..	..	..	..	..	..	..	..	92.44
2006	..	..	..	..	..	..	..	..	..	102.79
2007	..	..	..	..	..	..	..	..	..	105.29
2Q2007	..	..	..	..	..	..	..	..	..	104.34
3Q2007	..	..	..	..	..	..	..	..	..	104.92
4Q2007	..	..	..	..	..	..	..	..	..	107.87
1Q2008	..	..	..	..	..	..	..	..	..	111.60
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	0.0453	..	..	..	..	0.0843	..	..	..	..
1998	0.0448	..	..	..	..	0.0826	..	..	..	..
1999	0.0393	..	..	..	..	0.0816	..	..	..	..
2000	0.0460	..	..	..	..	0.0820	..	..	..	..
2001	0.0500	..	..	..	..	0.0850	..	..	..	..
2002	0.0480	..	..	..	..	0.0845	..	..	..	..
2003	0.0513	..	..	..	..	0.0870	..	..	..	..
2004	0.0527	..	..	..	..	0.0897	..	..	..	..
2005	0.0573	..	..	..	..	0.0945	..	..	..	..
2006	0.0616	..	..	..	..	0.1040	..	..	..	..
2007	0.0636	..	..	..	..	0.1064	..	..	..	..
2Q2007	0.0630	..	..	..	..	0.1085	..	..	..	..
3Q2007	0.0667	..	..	..	..	0.1102	..	..	..	..
4Q2007	0.0631	..	..	..	..	0.1059	..	..	..	..
1Q2008	0.0628	..	..	..	..	0.1027	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**UNITED STATES**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	1982 = 100	1982-84 = 100	1982 = 100	1982-84 = 100	1982 = 100	1982-84 = 100	1982 = 100	
1987	56.8	79.8	111.9	110.0	79.5	95.1	97.1	..
1988	53.9	80.4	112.6	111.5	77.4	94.5	95.4	..
1989	61.2	87.9	116.2	114.7	82.0	97.1	95.5	..
1990	74.8	100.9	119.6	117.4	80.4	97.3	97.5	..
1991	67.2	98.8	128.1	121.8	79.1	98.5	97.2	..
1992	64.7	98.3	129.6	124.2	80.6	100.3	95.0	..
1993	62.0	97.0	130.6	126.7	84.7	106.5	96.1	..
1994	59.1	97.5	129.2	126.7	78.8	108.5	96.7	..
1995	60.8	98.9	130.8	129.6	66.6	102.9	95.0	..
1996	70.1	105.4	131.6	131.8	91.2	107.2	94.5	..
1997	68.0	105.3	130.8	132.5	101.7	114.6	96.3	..
1998	51.3	91.3	130.0	127.4	83.9	112.4	93.6	..
1999	60.9	99.4	128.9	126.5	91.2	113.0	90.7	..
2000	91.3	128.7	131.5	128.5	155.5	132.0	87.9	..
2001	85.3	124.1	141.1	137.8	171.8	158.3	96.2	..
2002	79.5	115.8	139.9	136.2	122.5	135.3	99.8	..
2003	97.7	135.2	145.8	139.5	214.5	166.3	99.9	..
2004	119.9	159.7	147.2	142.1	245.9	180.1	109.2	..
2005	165.1	195.7	156.1	150.8	335.0	215.4	115.8	..
2006	193.2	221.1	172.8	169.2	280.3	220.8	126.6	..
2007	214.1	239.1	180.5	175.8	274.7	217.7	130.7	..
2Q2000	89.9	130.8	129.7	127.4	136.1	122.4	89.6	..
3Q2000	95.4	132.1	137.1	135.0	166.4	135.0	87.2	..
4Q2000	96.9	131.1	132.6	127.7	216.7	153.1	87.1	..
1Q2001	89.2	126.1	136.4	129.9	290.6	181.3	92.5	..
2Q2001	96.8	139.4	139.9	137.0	192.5	168.4	96.9	..
3Q2001	87.5	125.4	148.9	147.6	111.7	147.8	96.9	..
4Q2001	67.7	105.3	139.3	136.6	92.5	135.5	98.5	..
1Q2002	65.6	100.9	135.8	132.9	91.4	132.4	101.1	..
2Q2002	81.0	119.9	139.0	135.9	124.8	133.0	101.0	..
3Q2002	83.9	120.2	145.2	142.8	116.1	133.2	98.4	..
4Q2002	87.5	122.2	139.7	133.3	157.7	142.5	98.6	..
1Q2003	107.4	138.5	141.4	132.9	246.7	160.3	98.5	..
2Q2003	92.0	133.4	145.9	140.3	216.8	168.7	101.1	..
3Q2003	97.6	137.7	151.6	147.7	205.7	167.9	99.5	..
4Q2003	93.6	131.2	144.3	137.1	188.6	168.2	100.6	..
1Q2004	105.1	143.1	143.1	136.4	227.2	173.7	106.8	..
2Q2004	117.8	165.1	146.6	141.9	243.6	174.4	110.1	..
3Q2004	123.4	161.8	153.4	150.6	240.0	180.6	109.5	..
4Q2004	133.5	168.7	145.6	139.5	272.8	191.5	110.5	..
1Q2005	135.9	166.0	148.3	141.4	254.3	191.7	114.8	..
2Q2005	154.5	188.9	153.2	148.9	279.0	196.8	116.7	..
3Q2005	183.3	219.4	162.5	159.4	343.1	211.0	116.0	..
4Q2005	186.1	208.6	160.7	153.7	465.0	262.3	119.8	..
1Q2006	177.0	201.8	167.7	162.7	334.9	245.0	125.8	..
2Q2006	214.4	244.1	173.9	169.0	264.7	215.6	127.5	..
3Q2006	207.9	242.8	181.0	178.8	263.0	210.9	126.6	..
4Q2006	173.2	195.7	168.7	166.2	258.8	211.5	126.5	..
1Q2007	176.1	203.9	173.2	169.0	278.4	219.3	130.3	..
2Q2007	221.0	255.3	179.7	175.3	298.3	222.0	130.8	..
3Q2007	222.5	243.1	187.7	184.3	244.0	213.1	130.8	..
4Q2007	236.7	254.3	181.4	174.7	276.9	216.4	131.1	..
1Q2008	257.6	268.2	181.9	175.2	333.6	226.6	140.6	..
2Q2008	..	..	..	..	..	..	..	..

## UNITED STATES

### GENERAL NOTES

From January 1993 onwards, the most recent quarterly average is based on historical prices for two months of the quarterly period and an estimate of the third month. These monthly data are then averaged for the publication quarter. Prices from 4Q84 to 4Q92 refer to the second month of the quarter. Prior to 4Q84, prices refer to the first month in the quarter. See individual products for details.

**General Tax (Sales Tax):** In nearly all states a sales tax is levied on all sales of goods and services to non-commercial users. The rates vary between states. In some states, additional local sales taxes are also levied. The IEA has estimated national weighted averages of these rates as far as they apply to energy products and used them in the computation of total tax amounts shown in the main tables.

**Source:** Short-Term Integrated Forecasting System (STIFS), documented in the *Short-Term Integrated Forecasting System: 1993 Model Documentation Report*, DOE-EIA MO-41 (93), May 1993. See the documentation and model at the EIA internet address: [www.eia.doe.gov/emeu/steo/pub/aamd.html](http://www.eia.doe.gov/emeu/steo/pub/aamd.html).

### OIL PRODUCTS

**General and Special Taxes:** The general state sales taxes mentioned above are always levied on sales of non-motor fuels to non-commercial users. Sales of motor fuels to non-commercial users are generally exempt of the general sales tax because in all states and in some municipalities' special motor fuel taxes exist. However in about eight states both taxes are cumulated. The estimates of national weighted average rates and amounts below take account of this situation as far as possible. In addition to the above a special federal motor fuel tax exists.

#### *Heavy Fuel Oil for Industry*

Prices refer to the average of high sulphur fuel oil and low sulphur fuel oil.

#### Specifications

Quality:	Residual Fuel Oil No. 5 and 6 (defined in ASTM D396). Also includes Navy special fuel and bunker oil.
Density:	0.944 t/kl (280 gallons/t)
Sulphur Content:	≥ 1%
Delivery Size:	Weighted avg. of all sizes
Marketing Stage:	Avg. refiner price to end-users

**Sources:** DOE-EIA, Monthly Survey with Form EIA-782A among 350 sample refining units in *Monthly Petroleum Product Sales Report*. Data published: DOE - EIA, *Petroleum Marketing Monthly*, table "Refiner Residual Fuel Oil Prices" and *Monthly Energy Review*, table "Refinery Sales Prices of Residual Fuel Oil" column "More than 1%, sales to end-users".

#### *Heavy Fuel Oil for Electricity Generation*

Prices refer to the average expenditure per tonne on heavy fuel oils no. 4, 5 and 6 and topped crude by electric utilities with more than 50 MW capacity. Prior to 1983, prices refer to utilities with capacity of 25 MW.

**Source:** DOE-EIA, Monthly Survey using Form FERC-423, *Monthly Report of Cost and Quality of Fuels for Electric Plants*.

#### Specifications

Sulphur Content:	Not specified
Density:	0.944 t/kl (279.7 gallons/t)
NCV:	9 988 kcal/kg*
GCV	4.618 MBTU/t GCV*

\* This is higher than for ordinary heavy fuel oil because electric power plants also use small amounts of higher grade oil products.

**Sources:** Data published: DOE-EIA, *Electric Power Monthly*, table "Average Cost of Fossil Fuel Receipts for Steam-Electric Plants of 50-MW Installed Nameplate Capacity or Larger" and *Monthly Energy Review*, table "Cost of Fossil Fuels Delivered to Steam-Electric Utility Plants".

#### *Light Fuel Oil for Industry*

Prices cover the whole distillate end-use market; 25% of it is handled by refiners and 75% by resellers and retailers.

#### Specifications

Quality:	No. 2 Fuel Oil (defined in ASTM D396)
NCV:	10 760 kcal/kg

**Sources:** DOE-EIA, Monthly Survey with Form EIA-782A, *Monthly Petroleum Product Sales Report* among 350 sample refining units and with Form EIA-782B, *Monthly Oil Distillate Sales Report* among resellers and retailers. Data published: DOE-EIA *Petroleum Marketing Monthly*, table "Sales Prices of No. 2 Fuel Oil", column "Industrial Customers". Prior to 1983, *Monthly Petroleum Product Price Report*, Table 8, "Sales to end users, industrial".

### Light Fuel Oil for Households

Prices refer to technical specifications of light fuel oil as described under LFO for industry. They are regularly surveyed in a nation-wide sample of households and include all fees, taxes and rebates.

**Sources:** Monthly survey carried out by the Bureau of Labor Statistics (Department of Labor) in 85 urban areas representing 80% of the total population. Data published: *CPI Detailed Report*, monthly.

### Automotive Diesel Oil

**Average Federal and State Taxes:** These taxes include, but are not limited to, excise taxes, environmental taxes, special taxes, and inspection fees, exclusive of county and local taxes. Rates are also exclusive of any State taxes based on gross or net receipts. Original figures in cents/gallon (published in *Petroleum Marketing Monthly*, Table EN1), have been converted to USD/litre using a standard conversion factor of 0.00264172. Amounts shown below are shown in USD/litre.

From	To	Federal Average	State Average	Total Average
Prior to	Jan 98	..	..	see tables
Jan 98	Apr 98	0.0642	0.0520	0.116
May 98	Mar 99	0.0642	0.0518	0.116
Apr 99	Sep 99	0.0645	0.0500	0.114
Oct 99	Mar 00	0.0645	0.0528	0.117
Apr 00	Sep 00	0.0645	0.0530	0.117
Oct 00	Mar 00	0.0645	0.0534	0.118
Apr 01	Jul 01	0.0645	0.0531	0.118
Aug 01	Mar 03	0.0645	0.0532	0.118
Apr 03	Sep 03	0.0645	0.0548	0.119
Oct 03	Mar 04	0.0645	0.0554	0.120
Apr 04	Sep 04	0.0645	0.0555	0.120
Oct 04	Mar 05	0.0645	0.0557	0.120
Apr 05	Sep 05	0.0645	0.0564	0.121
Oct 05	Dec 05	0.0645	0.0571	0.122
Jan 06	Jun 06	0.0645	0.0575	0.122
Jul 06	Mar 07	0.0645	0.0578	0.122
Apr 07	Jun 07	0.0645	0.0580	0.122
Jul 07	now	0.0645	0.0582	0.123

**Additional Local Taxes:** These include, but are not limited to, state-specific sales taxes, gross earnings taxes, environmental protection taxes, gross receipts on highway fuels, and LOTS (local option taxes).

Prices refer to the sum of an official ex-tax price and an estimate of the total tax amount as derived from the elements above. The ex-tax price corresponds to the average charged by refinery owned retail outlets. These outlets represent about 20-30% of the total market.

### Specifications

Quality: No. 2 distillate (diesel fuel)  
Density: 0.82 t/kl (308 gallons/t)

**Sources:** From 1Q92 onwards, DOE-EIA, *Weekly Petroleum Status Report*; includes all retail outlets. Data published: DOE-EIA, *Petroleum Marketing Monthly*, table "Sales Prices of No. 2 Distillate by type of sale", column "Sales through company-owned retail outlets". Prior to 1Q92, DOE-EIA, Monthly Survey with Form EIA-782A and 782B, *Monthly Petroleum Product Sales Report* survey; among 350 sample refining units. Prior to 1983, data published: *Monthly Energy Review*, No. 2 Diesel Price Average, Retail.

### Gasoline

**Average Federal and State Taxes:** See notes for diesel. Amounts shown below are in USD/litre.

From	To	Federal Average	State Average	Total Average
Prior to	Jan 98	..	..	see tables
Jan 98	Apr 98	0.0483	0.0526	0.101
May 98	Mar 99	0.0483	0.0524	0.101
Apr 99	Sep 99	0.0486	0.0519	0.101
Oct 99	Mar 00	0.0486	0.0526	0.101
Apr 00	Sep 00	0.0486	0.0529	0.101
Oct 00	Mar 01	0.0486	0.0526	0.101
Apr 01	Mar 03	0.0486	0.0528	0.101
Apr 03	Sep 03	0.0486	0.0536	0.102
Oct 03	Sep 04	0.0486	0.0542	0.103
Oct 04	Mar 05	0.0486	0.0545	0.103
Apr 05	Sep 05	0.0486	0.0549	0.104
Oct 05	Dec 05	0.0486	0.0556	0.104
Jan 06	Jun 06	0.0486	0.0559	0.105
Jul 06	Mar 07	0.0486	0.0563	0.105
Apr 07	Jun 07	0.0486	0.0566	0.105
Jul 07	now	0.0486	0.0568	0.105

**Additional Local Taxes:** See notes for diesel.

Prices refer to the city retail price, average of full-, mini- and self-service stations.

Prior to January 1993, the total tax column in the price table is the difference between two published prices: a national average pump price (tax inclusive) compiled

by the U.S. Bureau of Labour Statistics and a national average ex-tax price compiled by the Department of Energy (published in *Petroleum Marketing Monthly*, table "Refiner Motor Gasoline Prices by Grade and Sales Type" column "Unleaded Regular Sales to End Users Through Company Outlets"). The average local sales tax can be approximated as the difference between the total tax amount mentioned above and the sum of independent data and estimates for the other tax components.

### Specifications

Grade and Octane: Premium Unleaded 93 RdON  
Midgrade Unleaded 89 RdON  
Regular Unleaded 87 RdON

**Sources:** From 1994 onwards, Energy Information Administration, Department of Energy DOE-EIA; Form EIA-878, "Motor Gasoline Price Survey". Data Published: DOE-EIA's Monthly Energy Review and Weekly Petroleum Status Report. Prior to 1994, U.S. Bureau of Labour Statistics; Monthly Retail Price Survey for the purpose of computing the national consumer price index. Service Stations in 85 urban areas are surveyed. These areas cover about 80% of the total U.S. population. Data published: DOE-EIA, *Monthly Energy Review* and *Weekly Petroleum Status Report*.

## NATURAL GAS

### Specifications

GCV: 9 139 kcal/m<sup>3</sup> (1 027 BTU/cf.)

Taxes are included in the prices for households, industry and electricity generation. They mostly refer to general sales taxes levied by the States. The rates range between 2-6% and their national average is unknown.

### Households and Industry

Prices to residential and industrial customers are calculated on gas that is both delivered and sold to those customers.

**Sources:** DOE-EIA, Monthly Survey with Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Customers," addressed to a sample of approximately 400 natural gas companies. The sample includes interstate pipeline companies, intrastate pipeline companies, and local distribution companies. Data published: DOE-EIA *Natural Gas Monthly*, table "Average Price of Natural Gas Delivered to Residential Consumers by State", and "Average Price of Natural Gas Sold to Industrial Consumers by State".

## Electricity Generation

Price shown is a monthly average expenditure per 10<sup>7</sup> kcal incurred by electric power companies for all natural gas purchases. The price shown includes small quantities of coke oven gas, refinery gas and blast furnace gas.

**Sources:** DOE-Energy Information Administration; Monthly Survey with Form FERC-423 addressed to electric power companies. Data published: DOE-EIA, *Electric Power Monthly*, table "Average Cost of Fossil Fuel Receipts" and *Monthly Energy Review*, table "Cost of Fossil Fuels Delivered to Steam-Electric Utility Plants".

## COAL

Taxes on coal in the United States consist of severance taxes (a percentage of the value of production, which vary from state to state), and federal taxes (in the form of a corporate income tax, levied in the range from 15% to 35%). The national average of these taxes is not available.

### Steam Coal for Industry

Price shown is quarterly average expenditure per tonne paid by industrial plants, including taxes.

### Specifications

Quality: Bituminous coal

**Sources:** DOE-EIA, Quarterly survey with form EIA-3 *Quarterly Coal Consumption Report - Manufacturing Plants*. Data published: *Quarterly Coal Report*, table "Average Price of Coal Receipts by End-Use Sector".

### Steam Coal for Electricity Generation

Price shown is quarterly average of expenditure per tonne incurred by Electric Power companies for all kinds of coal purchased, including taxes if applicable.

**Sources:** DOE-EIA, Monthly Survey with Form FPC-423 addressed to utilities. Data published: *Electric Power Monthly*.

### Coking Coal

From 1980 onwards, prices refer to the quarterly average expenditure per tonne for coking coal incurred by coke plants. Prior to 1980, prices refer to the average export price (FOB) for Customs Commodity Schedule E No. 3222020.



**Specifications**

Volatility:	16 - 34%
Ash Content:	4 - 8%
Water Content:	2 - 6%
NCV:	7 090 kcal/kg
GCV:	26.8 MBTU/short ton

**Sources:** DOE-EIA, quarterly survey with Form EIA-5 *Coke Plant Report - Quarterly*. Data published: *Quarterly Coal Report*, table "Average Price of Coal Receipts by End-Use Sector".

**ELECTRICITY**

From 1Q84 onwards, prices refer to the second month of each quarter. Prior to 4Q83, prices refer to the first month of each quarter.

Taxes are excluded. They are mostly general sales taxes levied by the states; their rates are between 2-6%, but their national weighted average is unknown. Prices shown for industry and households are the monthly average revenue per kWh received by privately owned electric power companies from the industrial and residential sector. They are subject to significant seasonal upswings in the summer months as a result of heavy demand for air conditioning.

From January 1986 onwards, national average price estimates are based on data as reported by a statistically derived sample of both publicly and privately owned utilities, which respond on the Form EIA-861, *Annual Electric Utility Report*. Prices from 1980 through 1985 cover selected privately owned electric utilities in Class A whose electric operating revenue were 100 million USD or more during the previous year. Prices for 1979 cover privately owned electric utilities in Classes A and B.

**Sources:** DOE-EIA, Monthly Survey with Form EIA-826, *Monthly Electric Utility Sales and Revenue Report with State Distributions* and predecessor forms. Since January 1986, survey with Form EIA-861, *Annual Electric Utility Report*. Data published: DOE-EIA, *Monthly Energy Review*, table "Retail Electricity Prices by Class of Service".

**ENERGY PRICE INDICES**

Quarterly data refer to the three-month average of the quarter. Annual figures are twelve-month averages.

**Source:** Bureau of Labour Statistics.

***Oil Products***

Wholesale: Petroleum products, refined (commodity code 057).

Retail: Average of gasoline, all types (U.S. city average) and fuel oil (U.S. city average) weighted by quantities.

***Electricity***

Wholesale: Industrial Electric Power (commodity code 0543).

Retail: Electricity (U.S. city average).

***Natural Gas***

Wholesale: Natural Gas (commodity code 0531).

Retail: Natural gas service (U.S. city average).

***Coal***

Wholesale: Coal (commodity code 051).



## **C. TAXATION OF ENERGY PRICES**

**Table 1**  
**Percentage of Taxes in High Sulphur Fuel Oil Prices in Industry**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	14.4	9.5	10.7	10.9	x	x	x	x	x	x	x	x
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	-	-	-	-	-	11.0	9.5	7.2	8.1	6.8	6.5	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..
France	21.4	9.6	10.8	10.0	10.0	10.6	7.6	6.5	6.2	5.2	5.1	4.7
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	..	8.9	9.4	7.2	..	..	..	..	..
Hungary	-	-	-	-	..	..	..	..	..	..	..	..
Ireland	9.4	5.5	6.1	5.2	5.1	5.1	4.0	3.4	4.2	4.9	4.6	..
Italy	36.4	26.6	28.9	27.2	..	..	..	..	..	..	..	..
Japan	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Korea	..	9.1	9.6	10.7	11.6	12.2	12.6	12.9	13.1	12.7	12.4	..
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	-	-	-	-	-	-	-	-	-	-	-	..
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	-	-	-	-	-	-	-	-	-	-	-	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	-	-	-	-	-	-	7.3	6.3	6.1	5.3	5.5	..
Portugal	18.9	11.4	11.5	11.6	x	x	x	x	x	x	x	x
Slovak Republic	-	..	x	x	x	x	x	x	x	x	x	x
Spain	9.9	6.6	7.5	7.4	7.1	..	..	..	..	..	..	..
Sweden	x	x	x	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	28.4	21.7	27.7	34.4	36.3	41.0	43.2	37.5	35.2	33.1	32.6	..
United Kingdom	27.9	21.7	22.4	20.5	x	x	x	x	x	x	x	x
United States	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 2**  
**Percentage of Taxes in Low Sulphur Fuel Oil Prices in Industry**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	29.6	19.1	19.9	19.3	18.3	28.0	21.1	20.3	19.5	16.4	15.4	14.6
Belgium	5.9	3.5	4.0	3.8	6.7	8.7	6.1	5.4	5.1	4.1	3.9	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	-	-	-	9.6	8.0	6.3	6.9	6.2	5.8	..
Denmark	31.1	21.4	22.2	20.8	19.1	22.9	15.5	13.9	13.5	12.1	11.9	..
Finland	32.4	22.3	25.1	24.5	24.7	25.2	18.8	16.9	16.5	14.1	15.2	..
France	14.3	8.8	9.8	9.3	9.2	9.9	7.1	6.2	6.0	5.0	4.9	4.5
Germany	13.2	9.5	10.6	9.8	13.4	14.3	10.3	8.4	8.7	7.3	6.9	..
Greece	24.0	15.3	16.2	8.6	8.1	8.5	6.6	..	..	..	..	..
Hungary	-	-	-	-	-	..	10.5	8.5	8.6	7.4	6.8	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	21.1	13.6	15.6	14.8	13.5	13.5	10.2	9.2	9.1	7.8	7.5	..
Japan	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Korea	..	9.1	9.6	10.6	11.6	12.1	12.7	12.7	13.0	12.6	12.3	..
Luxembourg	5.2	3.2	3.6	3.5	6.8	7.7	..	..	..	..	..	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	18.5	13.0	14.2	14.3	13.6	14.5	11.2	9.8	9.7	8.3	7.4	7.9
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	31.8	31.3	32.6	32.6	..	..	..	..	..	..	..	..
Poland	..	..	..	..	..	-	6.2	5.2	5.1	4.4	4.2	..
Portugal	7.9	4.9	4.9	5.1	5.2	6.2	4.9	4.0	3.6	3.1	3.0	..
Slovak Republic	x	..	-	-	-	-	-	-	-	-	-	..
Spain	8.5	5.4	6.0	6.1	6.0	6.5	4.8	4.2	4.4	3.9	3.7	3.5
Sweden	c	50.1	51.8	58.9	62.6	64.9	57.0	53.2	53.0	49.6	48.6	46.8
Switzerland	6.1	3.9	3.6	3.2	3.0	3.4	1.9	1.1	1.0	0.8	..	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	..	..	..	..	22.8	26.2	24.2	26.6	27.4	26.5	c	c
United States	..	..	..	..	..	..	..	..	..	..	..	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 3**  
**Percentage of Taxes in Heavy Fuel Oil for Electricity Generation**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	c	9.0	7.4	6.1	5.9	6.2	5.3	4.3	4.7	4.0	3.5	..
Belgium	14.4	9.5	10.7	10.9	x	x	x	x	x	x	x	x
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	-	-	-	-	-	11.0	9.5	7.2	8.1	6.8	6.5	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	-	-	-	-	-	-	-	-	-	-	-	..
France	..	..	..	..	..	..	..	..	..	..	..	..
Germany	23.1	9.9	11.3	10.7	14.2	15.4	10.8	8.9	9.2	7.7	7.1	..
Greece	24.0	..	..	..	..	..	..	..	..	..	..	..
Hungary	-	-	-	-	..	..	..	..	..	..	..	..
Ireland	16.1	8.8	7.9	8.5	8.1	8.2	6.5	5.4	6.0	4.6	4.4	..
Italy	c	c	c	c	c	c	c	c	c	c	c	c
Japan	..	..	..	..	..	..	..	..	..	..	..	..
Korea	..	9.1	9.6	10.7	11.6	12.2	..	..	..	..	..	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	-	-	-	-	-	-	-	-	-	-	-	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	-	-	-	-	-	-	7.3	6.3	6.1	5.3	5.5	..
Portugal	-	-	-	-	-	-	-	-	-	-	-	..
Slovak Republic	-	..	x	x	x	x	x	x	x	x	x	x
Spain	8.5	5.4	6.0	6.1	6.0	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	28.4	21.7	27.7	34.4	36.3	41.0	43.2	37.5	35.2	33.1	32.6	..
United Kingdom	31.3	23.0	24.2	22.0	23.1	28.0	23.6	27.0	34.7	37.5	..	..
United States	5.2	4.6	4.7	5.0	4.8	5.0	5.0	5.1	5.4	5.3	5.2	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 4**  
**Percentage of Taxes in Light Fuel Oil Prices in Industry**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	25.2	30.8	25.3	22.2	22.8	20.7	19.2	..
Belgium	8.2	4.7	5.0	5.6	5.2	5.9	4.3	3.9	3.8	3.4	3.1	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	-	-	-	-	-	6.2	4.9	4.8	5.1	4.5	4.4	..
Denmark	10.3	7.9	8.3	8.5	8.2	7.5	5.3	4.9	4.9	4.4	4.2	..
Finland	28.4	19.0	20.6	22.5	22.0	19.4	14.8	13.4	13.6	12.1	13.3	..
France	34.6	19.6	13.8	17.6	19.2	16.5	12.5	11.2	11.2	9.8	9.2	..
Germany	25.3	17.4	19.1	20.3	20.1	18.2	13.6	12.2	12.4	10.8	10.2	..
Greece	43.8	30.6	36.9	30.1	32.2	28.3	22.5	..	..	..	..	..
Hungary	56.4	46.6	48.1	45.5	40.4	..	..	..	..	..	..	..
Ireland	21.2	13.7	14.3	14.3	13.9	12.7	9.8	8.6	8.6	7.7	7.0	..
Italy	65.5	52.7	53.7	58.1	57.0	53.3	46.2	43.3	43.4	40.6	39.0	..
Japan	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	..
Korea	..	24.8	27.1	32.9	34.1	33.7	32.0	28.1	28.0	26.1	16.3	..
Luxembourg	9.1	5.7	6.3	6.7	6.5	5.6	4.7	4.3	4.3	3.7	3.5	..
Mexico	-	-	-	-	-	-	-	-	-	-	-	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	-	-	-	-	-	-	-	-	-	-	-	..
Norway	14.4	17.8	22.3	24.3	20.3	19.5	16.4	17.7	18.0	16.5	20.9	..
Poland	11.3	9.6	12.3	15.5	16.3	13.9	12.9	11.8	12.1	10.8	10.4	..
Portugal	..	..	..	..	..	..	..	..	..	..	..	..
Slovak Republic	-	-	-	-	-	-	-	-	-	-	-	..
Spain	31.7	21.5	23.4	26.6	25.4	22.7	17.7	16.0	15.9	13.9	12.9	11.5
Sweden	28.7	18.8	19.0	20.6	19.8	17.7	13.3	12.2	12.4	10.8	10.8	..
Switzerland	5.5	3.1	2.9	2.7	2.5	2.1	1.2	1.0	0.6	0.5	3.8	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	25.6	17.9	17.9	18.6	20.6	20.6	19.1	19.4	20.0	19.0	..	..
United States	..	..	..	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 5**  
**Percentage of Taxes in Light Fuel Oil Prices in Households**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	42.2	33.6	35.0	36.6	36.2	38.9	34.2	32.4	33.0	31.2	30.5	28.6
Belgium	24.1	21.2	21.5	22.0	21.6	22.2	20.9	20.6	20.5	20.1	19.9	..
Canada	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	..
Czech Republic	30.5	27.3	29.4	31.6	30.9	31.4	28.0	27.8	28.5	27.2	26.8	..
Denmark	62.1	55.8	56.3	57.4	56.8	54.9	49.4	47.8	47.6	45.4	44.9	..
Finland	41.3	33.6	34.9	36.5	36.1	33.9	30.2	29.0	29.1	28.0	28.9	..
France	41.6	30.6	26.5	29.8	30.9	28.9	26.1	25.1	25.1	24.1	23.5	22.8
Germany	35.6	28.8	30.2	31.3	31.2	29.5	25.5	24.3	26.4	25.1	24.5	..
Greece	52.4	41.2	46.5	40.7	42.6	39.2	34.3	..	..	..	..	..
Hungary	x	x	x	x	x	x	x	x	x	x	x	x
Ireland	25.7	21.4	21.7	22.1	22.3	21.3	19.4	18.6	18.6	18.0	17.5	..
Italy	71.2	60.6	61.4	65.0	64.1	61.1	55.2	52.8	52.8	50.5	49.2	..
Japan	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	..
Korea	..	24.4	26.9	32.8	34.1	33.9	32.1	28.1	28.1	26.2	16.2	..
Luxembourg	13.1	12.2	12.4	12.4	12.3	13.5	12.8	12.6	12.6	12.3	12.2	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	46.0	40.7	46.3	50.5	49.7	47.4	42.3	40.4	40.5	38.9	38.0	..
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	30.0	32.9	36.7	37.7	35.8	35.1	33.1	34.1	34.4	33.2	36.7	..
Poland	26.1	24.9	26.5	29.0	30.1	28.5	28.0	27.0	27.4	26.6	26.2	..
Portugal	..	..	..	..	..	28.6	25.5	24.3	29.2	27.7	26.1	..
Slovak Republic	66.2	58.8	52.1	11.4	16.9	..	..	..	..	..	..	..
Spain	41.1	32.3	34.0	36.7	35.7	33.4	29.1	27.5	27.5	25.8	25.0	23.7
Sweden	62.3	53.2	56.9	60.6	62.4	62.3	56.2	54.2	54.0	51.6	51.0	..
Switzerland	11.4	9.6	9.5	9.3	9.1	8.9	8.1	8.0	7.6	7.5	10.3	..
Turkey	65.4	62.0	56.8	63.1	64.8	61.8	56.6	51.0	49.7	47.8	46.0	..
United Kingdom	26.3	19.2	21.1	24.4	26.0	24.4	22.1	22.6	25.2	25.4	23.0	..
United States	..	..	..	6.5	5.5	4.8	4.9	4.9	4.8	4.7	4.7	..

\* Percentages for 2Q2008 are based on preliminary values.



**Table 6**  
**Percentage of Taxes in Automotive Diesel Prices for Commercial Use**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	54.5	44.7	46.5	48.3	50.4	51.6	51.2	47.2	49.7	48.2	46.1	..
Belgium	55.4	44.4	46.1	50.8	47.0	45.0	40.7	37.1	35.7	32.5	32.0	..
Canada	39.3	32.7	32.4	34.5	32.4	30.0	25.8	25.0	24.5	23.4	22.1	..
Czech Republic	49.7	40.2	41.3	45.8	45.4	47.9	42.5	40.9	41.2	38.1	37.8	..
Denmark	54.1	45.3	48.7	50.6	50.7	50.4	44.5	41.7	41.3	38.2	37.0	..
Finland	54.4	43.6	45.3	47.3	48.2	45.9	40.2	38.1	38.3	35.4	36.2	..
France	66.8	54.5	56.1	59.4	59.1	56.4	48.8	46.2	46.7	43.4	41.7	38.7
Germany	62.0	54.7	57.7	60.8	61.5	58.2	51.1	48.8	47.9	44.1	43.2	..
Greece	57.3	43.3	45.4	46.5	45.4	39.1	33.1	..	..	..	..	..
Hungary	56.4	46.6	48.1	51.3	50.6	48.5	43.0	38.9	40.1	37.4	34.9	..
Ireland	56.3	46.4	36.5	47.5	49.8	50.5	43.0	40.7	41.3	39.6	37.6	..
Italy	63.5	51.5	53.2	56.5	55.1	51.5	44.6	42.6	43.3	40.7	39.2	..
Japan	57.8	53.8	52.4	53.3	51.6	48.4	42.1	37.8	36.5	34.3	32.8	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	53.6	42.2	44.3	46.1	45.6	42.2	36.2	34.8	35.7	32.8	32.7	..
Mexico	50.8	31.3	40.3	47.8	33.0	15.7	1.3	-	-	-	-	..
Netherlands	58.3	49.0	49.6	51.8	51.5	48.6	43.2	40.7	40.9	38.1	40.1	..
New Zealand	0.8	0.6	0.6	0.6	0.7	0.6	0.4	0.4	0.4	0.3	0.3	..
Norway	59.2	54.2	48.2	49.6	49.2	48.4	43.7	42.7	43.0	40.5	41.1	..
Poland	49.4	42.6	44.6	46.3	43.2	42.5	39.4	38.0	38.6	35.8	35.7	..
Portugal	59.7	48.3	47.5	53.4	53.1	51.1	45.4	44.9	46.4	43.9	42.5	..
Slovak Republic	53.6	46.7	49.4	49.0	52.7	51.0	45.8	43.3	45.7	43.0	41.7	..
Spain	55.4	45.0	45.2	49.5	49.2	45.2	38.2	36.0	36.6	34.1	32.4	29.7
Sweden	49.8	43.3	44.0	46.5	49.0	48.7	44.0	41.1	42.2	40.1	41.1	..
Switzerland	75.6	63.2	65.9	69.2	66.9	62.0	54.2	50.9	50.7	47.0	46.4	..
Turkey	64.3	58.6	54.0	64.3	65.5	62.4	57.9	52.8	51.5	49.1	47.2	..
United Kingdom	77.5	69.9	69.9	71.3	69.5	67.6	60.9	58.3	59.3	57.1	53.7	..
United States	39.2	30.7	33.0	34.6	30.6	25.8	20.2	18.2	17.2	15.7	14.7	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 7**  
**Percentage of Taxes in Automotive Diesel Prices for Non-Commercial Use**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	61.8	50.8	51.2	53.2	50.9	47.2	40.9	37.4	38.2	36.3	34.9	..
Austria	62.1	53.9	55.5	56.9	56.5	55.0	50.1	49.9	51.5	50.2	50.5	46.3
Belgium	62.7	53.1	54.5	59.4	56.2	54.8	51.0	48.0	46.9	44.2	43.8	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	58.8	51.0	51.8	55.5	55.3	56.5	51.7	50.3	50.6	48.0	47.7	..
Denmark	63.3	56.2	58.9	60.5	60.5	60.3	55.6	53.4	53.1	50.5	49.6	..
Finland	62.6	53.8	55.2	56.8	57.5	55.7	51.0	49.3	49.4	47.1	47.7	..
France	72.5	62.0	63.3	66.0	65.8	63.5	57.2	55.1	55.4	52.7	51.2	48.8
Germany	67.1	61.0	63.6	66.2	66.8	63.9	57.9	55.9	56.2	53.0	52.3	..
Greece	63.6	51.9	53.8	54.7	53.7	48.4	43.2	..	..	..	..	..
Hungary	65.1	57.3	58.4	61.0	60.5	58.9	54.1	49.1	50.1	47.9	45.7	..
Ireland	63.9	55.2	47.1	56.6	58.5	59.1	52.9	51.0	51.4	50.0	48.4	..
Italy	69.6	59.5	61.0	63.8	62.6	59.6	53.8	52.2	52.8	50.6	49.4	..
Japan	45.5	42.4	41.0	41.7	40.9	39.5	35.3	31.8	30.5	28.6	27.9	..
Korea	..	38.4	41.5	48.7	49.8	49.4	48.0	47.7	49.1	47.0	43.4	..
Luxembourg	59.7	49.8	51.6	53.2	52.7	49.7	44.5	43.4	44.1	41.6	41.5	..
Mexico	57.1	40.0	47.9	54.5	41.5	26.4	13.8	13.0	13.0	13.0	13.0	..
Netherlands	64.6	56.4	57.7	59.5	59.2	57.3	52.3	50.1	50.3	48.0	49.7	..
New Zealand	11.8	11.6	11.6	11.7	11.7	11.6	11.5	11.4	11.5	11.4	11.4	..
Norway	66.8	63.8	58.2	59.1	59.1	58.4	55.0	54.2	54.4	52.4	52.9	..
Poland	58.5	53.0	54.6	56.0	53.4	52.8	50.3	49.2	49.7	47.4	47.3	..
Portugal	62.7	52.1	51.3	56.9	56.8	55.0	50.0	49.7	51.0	48.7	47.5	..
Slovak Republic	62.3	56.6	58.9	58.5	60.6	58.8	54.5	52.4	54.3	52.1	51.0	..
Spain	61.6	52.7	52.8	56.5	56.2	52.7	46.7	44.9	45.4	43.2	41.7	39.4
Sweden	60.0	54.6	55.2	57.2	59.2	59.0	55.2	52.9	53.8	52.1	52.9	..
Switzerland	69.3	60.6	61.9	64.3	63.4	60.0	53.7	50.9	50.7	47.9	47.0	..
Turkey	64.3	58.6	54.0	64.3	65.5	62.4	57.9	52.8	51.5	49.1	47.2	..
United Kingdom	80.9	74.4	74.3	75.6	74.1	72.4	66.7	64.5	65.4	63.5	60.6	..
United States	39.2	30.7	33.0	34.6	30.6	25.8	20.2	18.2	17.2	15.7	14.7	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 8**  
**Percentage of Taxes in Premium Leaded/Lead Replacement Gasoline Prices**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	62.3	52.3	54.1	54.7	52.8	..	..	..	..	..	..	..
Austria	x	x	x	x	x	x	x	x	x	x	x	x
Belgium	75.8	63.8	64.7	67.2	x	x	x	x	x	x	x	x
Canada	x	x	x	x	x	x	x	x	x	x	x	x
Czech Republic	61.1	54.6	x	x	x	x	x	x	x	x	x	x
Denmark	x	x	x	x	x	x	x	x	x	x	x	x
Finland	x	x	x	x	x	x	x	x	x	x	x	x
France	80.6	70.7	71.8	74.0	74.7	72.2	66.8	63.6	..	..	..	..
Germany	x	x	x	x	x	x	x	x	x	x	x	x
Greece	66.7	56.4	57.7	58.3	58.0	54.0	51.1	..	..	..	..	..
Hungary	..	..	x	x	x	x	x	x	x	x	x	x
Ireland	68.8	61.3	x	x	x	x	x	x	x	x	x	x
Italy	74.4	66.2	67.6	x	x	x	x	x	x	x	x	x
Japan	x	x	x	x	x	x	x	x	x	x	x	x
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	x	x	x	x	x	x	x	x	x	x	x	x
Norway	72.1	65.9	72.4	75.3	65.8	63.6	61.9	60.8	60.6	59.9	58.7	..
Poland	66.0	60.9	x	x	x	x	x	x	x	x	x	x
Portugal	..	..	..	..	..	63.8	60.6	58.7	59.2	58.3	57.9	..
Slovak Republic	..	x	x	x	x	x	x	x	x	x	x	x
Spain	68.7	60.0	60.5	62.8	62.0	59.3	54.9	52.2	..	x	x	x
Sweden	78.3	72.3	..	x	x	x	x	x	x	x	x	x
Switzerland	70.5	x	x	x	x	x	x	x	x	x	x	x
Turkey	70.7	61.6	63.7	66.2	66.0	67.1	69.9	65.0	63.1	61.5	59.4	..
United Kingdom	81.5	70.7	75.2	78.3	76.4	71.6	..	..	..	..	..	..
United States	x	x	x	x	x	x	x	x	x	x	x	x

\* Percentages for 2Q2008 are based on preliminary values.

**Table 9**  
**Percentage of Taxes in Regular Unleaded Gasoline Prices**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	60.9	51.2	52.8	53.6	51.7	48.2	43.1	39.8	40.4	38.2	36.8	..
Austria	68.5	61.4	63.2	64.9	64.8	62.3	58.5	56.4	57.3	57.5	55.6	54.9
Belgium	x	x	x	x	x	x	x	x	x	x	x	x
Canada	48.9	41.2	42.3	42.4	40.7	37.5	33.8	32.3	31.2	31.3	29.8	..
Czech Republic	..	..	58.3	62.7	62.3	61.3	58.1	56.6	56.6	55.0	55.0	..
Denmark	72.7	66.6	68.7	70.1	69.8	68.8	64.9	62.3	61.6	60.4	60.4	..
Finland	x	x	x	x	x	x	x	x	x	x	x	x
France	x	x	x	x	x	x	x	x	x	x	x	x
Germany	75.6	70.7	72.9	74.5	74.9	72.6	68.2	65.4	65.3	63.8	62.8	..
Greece	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	67.6	60.5	61.9	64.7	65.9	x	x	x	x	x	x	x
Ireland	x	x	x	x	x	x	x	x	x	x	x	x
Italy	x	x	x	x	x	x	x	x	x	x	x	x
Japan	59.5	54.1	53.6	56.4	55.4	52.7	48.0	43.9	43.2	40.6	39.9	..
Korea	..	68.3	67.2	67.7	66.5	63.6	61.2	59.1	57.9	55.7	52.5	..
Luxembourg	64.4	56.1	58.2	59.1	58.6	59.6	..	..	..	..	..	..
Mexico	59.7	45.8	52.4	56.5	45.0	29.9	20.4	14.8	13.0	13.0	13.0	..
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	52.2	43.8	44.5	49.2	49.8	47.2	46.0	42.1	43.0	41.7	40.6	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	x	x	x	x	x	x	x	x	x	x	x	x
Portugal	x	x	x	x	x	x	x	x	x	x	x	x
Slovak Republic	..	..	..	..	..	..	..	..	..	..	..	..
Spain	x	x	x	x	x	x	x	x	x	x	x	x
Sweden	x	x	x	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	x	x	x	x	x	x	x	x	x	x	x	x
United Kingdom	x	x	x	x	x	x	x	x	x	x	x	x
United States	33.7	25.8	26.9	28.6	24.7	21.1	17.3	18.6	17.7	16.8	16.2	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 10**  
**Percentage of Taxes in Premium Unleaded (98 RON) Gasoline Prices**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	x	x	x	x	x	x	x	x	x	x	x	x
Austria	64.9	57.7	58.8	59.8	59.9	57.9	54.1	52.3	53.0	53.5	54.9	52.1
Belgium	72.7	63.1	64.3	65.5	65.1	64.9	62.6	60.4	60.2	59.8	59.3	..
Canada	44.5	38.4	39.3	39.6	38.0	35.3	32.1	30.8	29.9	29.8	28.5	..
Czech Republic	..	..	53.8	57.1	56.2	55.4	53.1	52.5	53.1	51.9	51.9	..
Denmark	71.3	65.5	67.6	68.6	68.2	67.3	63.3	60.8	60.2	59.0	59.1	..
Finland	73.0	66.3	67.5	68.9	70.6	68.3	65.5	62.7	62.9	61.4	61.1	..
France	78.3	68.8	70.4	72.4	73.2	70.8	65.4	62.6	62.4	61.0	59.8	..
Germany	72.7	67.8	69.4	71.1	71.6	69.5	65.3	62.3	62.7	61.5	60.8	..
Greece	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	64.7	58.5	59.7	62.4	62.8	61.2	58.7	53.9	..	..	..	..
Ireland	62.7	60.3	..	..	..	..	..	..	..	..	..	..
Italy	..	..	..	..	..	..	..	..	..	..	..	..
Japan	x	x	x	x	x	x	x	x	x	x	x	x
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	62.7	53.7	55.0	56.1	56.5	58.2	54.9	53.1	53.5	52.5	52.1	..
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	71.8	64.5	66.8	68.2	68.6	67.3	64.1	61.9	61.1	60.2	60.0	..
New Zealand	x	x	x	x	x	x	x	x	x	x	x	x
Norway	73.0	67.2	66.0	68.3	67.3	65.0	63.3	61.9	61.6	60.9	59.6	..
Poland	60.5	54.6	59.0	60.9	59.6	57.8	53.8	51.6	55.4	54.0	54.7	..
Portugal	65.5	48.1	44.9	66.3	65.2	63.5	60.2	58.5	58.7	57.9	57.1	..
Slovak Republic	53.8	52.3	53.8	54.9	57.6	57.0	54.9	52.8	54.1	53.4	53.2	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	70.7	65.1	66.2	67.7	68.2	66.5	63.7	62.0	62.5	61.6	61.7	..
Switzerland	67.4	58.5	59.7	61.8	61.3	58.2	53.9	50.7	49.6	47.8	47.5	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	76.4	72.7	73.7	76.1	75.3	70.7	65.3	63.1	63.5	62.9	60.1	..
United States	29.0	23.0	23.9	25.1	22.1	19.1	15.9	17.3	16.4	15.6	15.1	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 11**  
**Percentage of Taxes in Premium Unleaded (95 RON) Gasoline Prices**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	37.8	38.6	36.7	35.3	..
Austria	67.6	60.6	62.6	64.1	63.8	61.5	57.7	55.7	56.7	56.9	55.4	54.8
Belgium	73.5	65.8	67.7	69.2	67.2	66.0	63.3	61.1	60.7	60.3	59.7	..
Canada	..	..	..	41.4	38.9	35.4	32.1	30.3	28.9	28.6	27.5	25.0
Czech Republic	62.8	55.8	57.7	62.1	61.7	60.8	57.5	56.0	56.1	54.5	54.4	..
Denmark	72.3	66.3	68.4	69.7	69.5	68.5	64.6	62.1	61.4	60.2	60.2	..
Finland	74.3	67.3	68.4	70.0	71.7	69.6	66.5	63.7	63.3	62.6	62.3	..
France	78.8	69.8	71.6	73.7	74.3	71.9	67.1	64.0	63.7	62.4	61.1	59.7
Germany	73.8	69.3	71.7	73.4	73.7	71.5	67.4	64.6	64.8	63.5	62.8	..
Greece	63.0	52.8	54.5	55.5	55.3	51.7	49.0	..	..	..	..	..
Hungary	66.8	60.0	61.3	64.1	64.5	63.2	60.0	55.0	55.2	53.9	52.7	..
Ireland	67.7	58.9	55.8	64.2	63.8	63.8	59.6	57.0	57.1	55.7	54.8	..
Italy	73.0	64.8	66.4	68.4	67.8	66.3	62.9	60.5	60.1	58.8	57.8	..
Japan	..	..	..	..	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	63.9	55.7	57.5	58.8	58.5	59.6	56.3	53.9	54.2	53.1	52.3	..
Mexico	55.1	43.5	51.0	55.9	46.0	33.2	23.8	16.4	13.0	13.0	13.0	..
Netherlands	73.3	66.4	68.8	70.9	71.0	69.2	66.0	63.8	63.1	62.2	61.8	..
New Zealand	49.9	42.5	43.0	47.4	47.9	45.5	44.5	40.9	42.1	40.6	39.5	..
Norway	74.7	68.7	67.6	70.0	68.9	66.6	64.5	62.7	62.5	61.9	61.4	..
Poland	62.9	57.1	62.2	63.9	62.7	59.9	57.4	53.1	57.2	55.8	56.6	..
Portugal	67.7	49.4	46.2	68.9	68.1	66.5	62.8	60.9	61.4	60.6	59.6	..
Slovak Republic	56.4	53.9	55.8	57.9	61.0	60.0	57.5	55.2	56.7	55.8	55.3	..
Spain	66.9	59.2	59.9	62.4	62.3	59.4	55.3	52.6	52.1	50.7	50.1	48.3
Sweden	73.1	67.0	67.6	69.6	70.1	68.1	65.3	63.4	63.4	62.5	62.5	..
Switzerland	69.0	60.3	62.1	64.3	63.3	59.6	55.2	51.8	50.7	49.1	48.7	..
Turkey	71.2	61.8	62.8	70.1	71.2	68.4	69.0	64.3	62.6	61.0	59.0	..
United Kingdom	81.5	75.5	76.1	77.4	75.5	73.6	69.2	66.6	66.8	65.2	63.0	..
United States	31.0	24.2	25.3	26.7	23.3	20.0	16.6	17.9	17.0	16.1	15.6	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 12**  
**Percentage of Taxes in Automotive LPG Prices for Commercial Use**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	..	..	..	-	-	-	-	-	-	-	-	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	17.3	16.3	19.0	18.2	17.1	17.9	16.5	16.0	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..
France	..	13.8	14.1	14.5	13.3	12.7	11.2	10.1	10.1	10.0	9.6	9.4
Germany	..	..	..	..	..	..	20.0	18.9	18.8	18.3	17.4	17.1
Greece	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	..	..	..	..	..	..	..	..	..	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	..	32.3	32.6	36.2	34.8	34.9	33.0	27.6	23.9	23.0	21.9	..
Japan	..	..	..	21.1	20.7	20.8	20.1	18.4	17.8	17.0	..	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	..	14.6	17.2	16.6	15.4	14.7	13.2	12.2	11.6	10.2	10.3	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	16.6	18.9	18.0	15.0	14.1	12.8	11.5	11.1	9.9	9.8	..
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	21.4	27.0	29.3	26.9	27.5	24.7	25.2	..
Portugal	..	..	..	13.2	12.9	12.1	..	..	..	..	..	..
Slovak Republic	..	..	..	18.4	27.1	31.4	28.7	22.6	30.1	25.4	27.0	..
Spain	..	9.0	8.8	9.4	8.8	8.2	6.8	6.0	6.4	6.8	6.8	6.7
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	..	..	..	54.7	56.9	50.8	..	..	48.1	47.6	47.6	..
United Kingdom	..	..	..	..	..	..	..	..	..	..	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 13**  
**Percentage of Taxes in Automotive LPG Prices for Non-Commercial Use**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	9.1	9.1	9.0	9.1	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	..	17.3	17.3	17.4	17.3	17.4	17.1	17.4	17.3	17.4	-	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	32.2	31.4	32.4	31.3	30.3	31.0	29.8	29.4	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..
France	..	28.1	28.1	28.5	27.5	27.1	25.7	24.8	24.8	24.8	24.4	24.3
Germany	..	..	..	..	..	..	31.0	30.1	31.8	31.4	30.5	30.3
Greece	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	10.7	10.7	10.7	..	37.3	32.1	32.1	31.6	30.8	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	..	43.5	43.8	46.8	45.7	45.7	44.2	39.7	36.6	35.9	34.9	..
Japan	..	..	..	20.2	19.8	19.8	19.2	17.7	17.1	16.4	..	..
Korea	..	..	..	..	41.5	46.1	45.4	41.4	38.3	36.3	32.5	..
Luxembourg	..	19.8	21.1	21.2	20.2	19.5	18.1	17.2	16.6	15.3	15.4	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	29.1	31.7	31.2	28.7	27.8	26.8	25.6	25.3	24.3	24.2	..
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	35.6	40.2	42.0	40.1	40.5	38.3	38.7	..
Portugal	..	..	..	26.5	26.8	26.1	26.4	26.3	26.5	26.2	25.7	..
Slovak Republic	..	..	..	28.4	36.0	42.4	40.1	34.9	36.0	34.5	35.0	..
Spain	..	21.6	21.4	21.9	21.3	20.9	19.7	19.0	19.3	19.7	19.6	19.6
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	..	..	..	..	..	..	..	..	42.0	42.3	41.9	..
United Kingdom	..	..	..	..	..	..	..	..	..	..	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..

\* Percentages for 2Q2008 are based on preliminary values.



**Table 14**  
**Percentage of Taxes in Natural Gas Prices in Industry**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	-	..	..	..	..	..	..	..	..	..	..	..
Belgium	c	c	c	c	c	c	c	c	c	c	c	c
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	-	-	-	-	-	-	-	-	-	-	3.8	..
Denmark	c	c	c	c	c	c	c	c	c	c	c	c
Finland	15.8	13.4	13.5	14.1	14.2	14.6	13.0	10.1	10.2	9.7	9.7	..
France	8.1	5.8	5.1	5.8	5.2	5.3	4.2	3.4	3.7	3.4	3.1	..
Germany	16.0	12.4	..	..	..	..	..	..	..	..	..	..
Greece	-	-	-	-	-	-	-	..	..	..	..	..
Hungary	-	-	-	-	-	4.0	3.4	2.5	2.2	2.1	2.1	2.0
Ireland	-	-	-	-	-	-	-	-	c	c	-	..
Italy	c	c	c	c	c	..	..	..	..	..	..	..
Japan	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	..	..	..	..
Korea	..	..	..	..	..	10.4	10.9	13.9	14.0	13.0	13.4	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	-	-	-	-	-	-	-	-	-	-	-	..
Netherlands	9.1	5.7	5.4	6.3	5.8	..	..	..	..	..	..	..
New Zealand	14.0	14.8	13.7	13.8	10.7	10.5	8.3	6.8	6.9	6.7	..	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	-	-	-	-	-	-	-	-	-	-	-	..
Portugal	..	..	..	-	-	-	-	-	-	-	-	..
Slovak Republic	-	-	-	-	-	-	-	-	-	-	-	..
Spain	-	-	-	-	-	-	-	-	-	-	-	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	1.1	0.9	0.9	1.0	0.9	0.9	0.7	0.7	0.8	0.8	4.3	..
Turkey	7.4	7.4	15.0	16.5	17.4	19.5	20.9	19.8	19.3	19.5	19.3	..
United Kingdom	-	-	4.8	7.2	6.6	5.4	3.5	2.8	2.8	2.2	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 15**  
**Percentage of Taxes in Natural Gas Prices for Electricity Generation**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	c	c	c	c	c	c	c	c	c	c	c	c
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	-	-	-	-	-	..	..	..	..	..	..	..
Denmark	c	c	c	c	c	c	c	c	c	c	c	c
Finland	-	-	-	-	-	-	-	-	-	-	-	..
France	..	..	..	..	..	..	..	..	..	..	..	..
Germany	18.6	15.1	..	..	..	..	..	..	..	..	..	..
Greece	c	c	c	c	c	c	c	c	c	c	c	c
Hungary	-	-	-	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	c	c	c	c	c	c	c
Italy	c	c	c	c	c	c	c	c	c	c	c	c
Japan	..	..	..	..	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	9.9	11.6	13.1	14.6	13.2	11.8	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	-	-	-	-	-	-	-	-	-	-	-	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	..	..	..	..	..	..	..	..
Portugal	..	..	..	..	-	-	-	-	-	-	-	..
Slovak Republic	-	-	-	-	-	-	-	-	-	-	-	..
Spain	-	-	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	7.4	7.4	15.0	16.5	17.4	19.5	20.9	19.8	19.3	19.5	19.4	..
United Kingdom	-	-	-	-	-	-	-	-	-	-	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 16**  
**Percentage of Taxes in Natural Gas Prices in Households**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	28.2	27.9	27.0	27.2	25.4	29.2	28.5	27.7	26.8	26.9	26.9	..
Belgium	21.3	20.6	..	..	..	..	..	..	..	..	..	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	18.0	18.0	18.0	18.0	18.0	16.5	16.0	16.0	16.0	16.0	16.0	..
Denmark	57.0	50.6	56.9	59.5	58.0	55.5	49.9	..	..	..	..	..
Finland	31.0	29.0	25.7	26.9	27.0	27.2	26.3	25.1	25.2	24.8	24.9	..
France	15.9	14.9	14.8	14.8	14.8	14.7	14.8	15.0	15.1	15.1	15.1	..
Germany	23.7	23.8	..	..	..	..	..	..	..	..	..	..
Greece	7.4	7.4	7.4	7.4	7.8	7.3	8.0	..	..	..	..	..
Hungary	10.7	10.7	10.7	10.7	10.7	13.0	13.0	14.3	16.7	16.7	16.7	16.7
Ireland	11.1	11.1	11.1	11.1	11.9	11.9	11.9	11.9	11.9	11.9	11.9	..
Italy	46.5	c	c	c	c	..	..	..	..	..	..	..
Japan	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	..	..	..	..
Korea	..	..	..	..	..	16.9	17.2	19.8	19.9	19.3	19.7	..
Luxembourg	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	..	..	..	..
Mexico	..	..	..	..	..	13.0	13.0	13.0	13.0	13.0	13.0	..
Netherlands	33.3	35.3	37.9	37.2	36.4	36.5	34.7	32.9	32.4	32.9	38.6	..
New Zealand	13.8	13.6	13.6	13.8	13.1	12.8	12.8	12.7	12.2	12.0	..	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	..
Portugal	..	..	..	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	..
Slovak Republic	7.4	9.1	9.1	9.1	12.3	16.0	16.0	16.0	16.0	16.0	16.0	..
Spain	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	7.5	7.4	7.6	7.6	7.6	7.6	7.5	7.5	7.6	7.6	10.1	..
Turkey	7.4	7.4	15.0	16.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	..
United Kingdom	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	..
United States	..	..	..	..	..	..	..	..	..	..	..	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 17**  
**Percentage of Taxes in Steam Coal Prices in Industry**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	-	-	-	-	-	36.8	35.3	35.2	34.7	34.2	32.8	..
Belgium	..	..	..	..	..	..	..	..	..	..	..	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	-	-	-	-	c	c	c	c	c	c	c	c
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	53.5	50.4	44.9	47.7	51.1	45.3	43.5	43.0	42.2	40.5	40.9	..
France	-	-	-	-	-	..	..	..	..	..	..	..
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	..	..	..	..	..	..	..	..	..	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	-	-	-	-	-	-	-	-	-	-	..	..
Japan	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	-	-	-	-	-	-	-	-	-	-	-	..
Portugal	-	-	-	-	-	..	..	..	..	..	..	..
Slovak Republic	-	..	..	..	..	..	..	..	..	..	..	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	-	-	-	-	-	-	-	-	-	-	..	..
Turkey	13.0	14.4	15.1	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	..
United Kingdom	-	-	12.1	11.1	11.8	10.8	9.3	9.7	8.5	8.3	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 18**  
**Percentage of Taxes in Electricity Prices in Industry**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	-	-	-	-	-	-	..	..	..	..	..	..
Austria	-	-	..	..	..	25.9	24.3	23.0	18.4	18.7	..	..
Belgium	-	-	..	..	..	..	..	..	..	..	..	..
Canada	10.8	10.7	10.2	10.4	10.4	10.7	10.6	..	..	..	..	..
Czech Republic	-	-	-	-	-	-	-	-	-	-	1.1	..
Denmark	20.3	16.9	15.3	13.8	11.8	8.7	..	..	..	..	..	..
Finland	10.0	10.3	10.1	9.5	7.8	8.6	8.0	..	3.9	3.7	4.1	..
France	-	-	-	-	8.3	11.2	11.2	11.1	11.1	11.1	11.1	11.1
Germany	-	-	-	-	-	-	-	-	..	..	..	..
Greece	-	-	-	-	-	-	-	..	..	..	..	..
Hungary	-	-	-	-	-	1.0	1.0	0.8	0.8	0.7	0.7	0.6
Ireland	-	-	-	-	-	-	-	-	-	-	-	..
Italy	19.0	15.2	16.7	25.0	23.1	23.1	21.4	22.2	23.7	23.2	..	..
Japan	7.5	7.5	7.5	7.7	7.8	7.9	7.7	7.7	..	..	..	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	-	-	-	-	-	-	-	-	-	-	-	..
Netherlands	1.9	3.9	9.5	c	c	c	c	c	c	c	c	c
New Zealand	-	-	-	-	-	-	-	-	-	-	-	..
Norway	..	18.7	19.4	19.4	19.4	19.4	20.0	20.0	20.0	20.0	20.0	..
Poland	-	-	-	7.5	9.1	9.1	8.8	8.8	8.8	8.6	7.3	..
Portugal	-	-	-	-	-	-	-	-	-	-	-	..
Slovak Republic	0.6	1.0	1.0	0.5	-	-	-	-	-	-	-	..
Spain	4.8	4.8	4.8	4.9	4.8	4.9	4.9	4.9	4.9	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	-	-	-	-	-	-	-	-	-	-	-	..
Turkey	13.9	15.3	15.9	16.1	16.1	16.1	18.5	18.5	18.5	18.5	18.5	..
United Kingdom	-	-	5.4	6.9	6.9	6.6	4.6	3.6	3.1	3.2	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 19**  
**Percentage of Taxes in Electricity Prices in Households**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	-	-	10.0	10.0	10.0	10.0	..	..	..	..	..	..
Austria	22.4	28.9	28.0	31.2	31.5	31.0	31.7	32.4	32.1	31.9	..	..
Belgium	18.3	18.3	..	..	..	..	..	..	..	..	..	..
Canada	10.1	10.2	10.0	9.9	10.0	10.0	9.9	..	..	..	..	..
Czech Republic	18.1	18.1	18.1	18.1	18.1	16.5	15.8	15.9	15.9	15.9	15.9	..
Denmark	61.1	59.9	61.0	60.2	61.1	59.3	57.7	54.8	55.7	54.4	..	..
Finland	26.2	26.3	26.2	25.8	25.6	25.3	25.7	25.3	25.0	25.0	25.8	..
France	21.5	21.1	21.1	21.1	23.7	25.0	25.0	24.9	24.8	24.8	24.8	24.8
Germany	13.6	13.8	13.7	13.8	13.8	13.8	13.8	13.8	..	..	..	..
Greece	7.4	7.4	7.4	7.4	7.4	7.0	8.1	..	..	..	..	..
Hungary	10.7	10.7	10.7	10.7	10.7	20.0	19.2	16.7	16.7	16.7	16.7	16.7
Ireland	11.1	11.1	11.1	11.1	11.9	11.9	12.5	11.9	11.9	11.9	11.9	..
Italy	25.9	22.9	27.3	33.3	27.3	28.6	24.5	27.8	28.7	28.2	..	..
Japan	6.6	6.6	6.6	6.7	6.8	6.8	6.7	6.7	..	..	..	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	5.7	5.7	5.7	5.7	5.6	6.0	12.7	14.0	10.4	..	..	..
Mexico	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	..
Netherlands	28.8	34.0	42.7	43.2	44.3	42.9	42.1	41.0	34.2	34.3	19.9	..
New Zealand	11.1	11.1	11.1	11.1	11.1	11.1	11.3	11.1	11.1	11.1	11.1	..
Norway	30.7	35.5	36.6	33.9	30.2	31.6	32.6	30.1	33.3	32.4	31.3	..
Poland	18.0	18.0	18.0	22.4	23.5	23.3	23.1	22.9	22.8	22.8	22.7	..
Portugal	4.8	4.8	4.8	4.8	4.8	4.7	4.8	4.8	4.8	4.8	4.8	..
Slovak Republic	8.1	10.1	10.0	9.6	12.3	16.0	16.0	15.8	16.0	16.0	15.8	..
Spain	17.9	17.9	18.0	18.0	17.9	18.0	18.0	18.0	18.0	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	7.0	7.0	7.1	7.1	7.1	7.1	6.9	7.2	7.1	7.1	7.0	..
Turkey	17.2	18.5	19.1	19.3	19.3	19.3	21.5	21.5	21.5	21.5	21.5	..
United Kingdom	4.7	4.8	4.7	4.7	4.8	4.8	4.8	4.7	4.8	4.8	4.8	..
United States	..	..	..	..	..	..	..	..	..	..	..	..

\* Percentages for 2Q2008 are based on preliminary values.

**Table 20**  
**Indices of Real Tax Component for Automotive Diesel for Commercial Use**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	102.0	100.0	97.4	95.5	94.4	98.9	104.0	103.0	108.4	114.4	113.6	..
Belgium	102.6	100.0	97.6	100.6	95.8	105.4	108.7	101.0	96.8	94.1	92.6	..
Canada	98.1	100.0	97.6	94.1	93.0	92.8	95.5	94.5	93.1	94.4	96.5	..
Czech Republic	98.7	100.0	95.5	93.8	93.6	111.2	109.2	106.4	103.4	101.7	98.0	..
Denmark	97.3	100.0	102.8	102.1	100.0	98.8	96.4	94.6	93.0	92.2	90.9	..
Finland	103.1	100.0	97.5	96.0	99.8	99.7	99.1	97.6	95.3	94.3	105.8	..
France	100.9	100.0	96.0	96.3	96.5	100.5	98.8	97.2	97.8	96.8	96.4	95.7
Germany	92.0	100.0	106.1	112.6	119.0	117.1	115.2	113.4	110.9	109.7	109.0	..
Greece	103.2	100.0	96.7	93.8	90.5	88.0	84.9	..	..	..	..	..
Hungary	102.7	100.0	91.7	89.6	88.2	82.6	82.6	79.5	73.6	72.1	70.4	..
Ireland	107.9	100.0	74.4	86.9	91.3	99.4	97.6	93.4	89.0	87.6	86.8	..
Italy	107.9	100.0	97.8	99.9	97.3	95.2	95.4	93.9	93.6	93.4	92.3	..
Japan	103.6	100.0	101.1	101.7	102.1	103.1	105.1	106.4	106.8	107.4	108.4	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	103.2	100.0	97.4	95.4	93.5	91.5	93.5	95.5	97.4	96.1	99.4	..
Mexico	159.9	100.0	131.0	155.8	106.6	49.8	4.0	-	-	-	-	..
Netherlands	100.6	100.0	93.2	90.8	88.9	93.8	93.3	92.2	92.2	91.8	99.7	..
New Zealand	102.6	100.0	97.5	94.9	93.3	91.2	88.5	85.6	83.6	81.4	80.8	..
Norway	94.6	100.0	74.8	71.7	71.4	72.4	72.3	71.9	72.6	71.5	76.5	..
Poland	91.5	100.0	99.1	102.2	103.8	110.5	116.4	115.2	112.5	111.0	109.5	..
Portugal	106.7	100.0	96.4	100.4	106.1	110.6	113.9	121.4	126.6	127.4	127.8	..
Slovak Republic	109.5	100.0	95.4	84.1	90.9	93.3	90.8	86.9	84.6	83.6	81.9	..
Spain	103.4	100.0	96.5	102.0	99.0	96.0	92.9	89.8	89.7	87.9	87.7	86.2
Sweden	91.4	100.0	101.5	102.0	101.9	106.4	115.9	115.0	114.2	112.3	125.4	..
Switzerland	101.5	100.0	98.6	97.8	97.1	96.4	95.0	94.0	94.3	93.3	93.4	..
Turkey	92.5	100.0	100.9	123.5	131.8	127.4	139.0	131.7	122.2	120.7	119.6	..
United Kingdom	101.7	100.0	94.0	91.4	89.4	88.7	86.3	83.8	83.3	84.5	84.0	..
United States	99.3	100.0	98.3	95.0	94.1	92.4	92.9	91.3	89.9	91.8	91.8	..

\* Indices for 2Q2008 are based on preliminary values.

**Table 21**  
**Indices of Real Tax Component for Automotive Diesel for Non-Commercial Use**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	100.4	100.0	97.7	94.0	92.5	91.9	93.0	92.2	89.4	89.7	89.8	..
Austria	96.5	100.0	96.4	93.4	92.6	98.2	102.5	107.0	111.0	118.6	119.0	122.1
Belgium	95.4	100.0	96.4	96.0	93.2	103.8	110.8	106.4	103.4	104.3	103.2	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	92.1	100.0	94.8	89.9	89.9	101.6	102.2	100.8	97.6	98.5	95.2	..
Denmark	91.7	100.0	100.3	98.3	96.2	95.3	97.0	97.5	96.2	98.3	98.2	..
Finland	96.3	100.0	96.4	93.4	96.8	98.1	102.0	102.4	99.8	101.7	113.1	..
France	96.9	100.0	95.0	93.8	94.2	99.3	101.6	101.5	101.8	102.9	103.9	105.7
Germany	88.8	100.0	104.9	110.0	115.9	115.3	116.9	116.4	119.9	121.5	121.3	..
Greece	95.7	100.0	95.6	92.0	89.4	90.9	92.7	..	..	..	..	..
Hungary	96.4	100.0	90.7	86.8	85.7	81.4	83.9	78.3	71.8	71.9	72.1	..
Ireland	101.5	100.0	79.1	85.9	89.0	96.5	99.5	97.2	92.2	92.1	92.9	..
Italy	102.4	100.0	97.1	97.6	95.6	95.3	99.7	99.5	98.7	100.5	100.6	..
Japan	103.4	100.0	101.3	101.8	102.4	102.9	104.9	106.4	107.2	108.0	108.7	..
Korea	..	100.0	109.1	131.2	148.8	165.9	186.5	205.4	214.8	222.7	214.6	..
Luxembourg	97.5	100.0	96.1	93.5	91.6	91.5	97.6	100.9	102.1	103.4	106.8	..
Mexico	140.3	100.0	121.7	138.7	104.8	65.5	34.0	32.2	33.2	33.1	32.9	..
Netherlands	96.6	100.0	95.2	91.6	89.8	96.0	99.1	99.9	99.6	101.5	108.4	..
New Zealand	71.5	100.0	96.3	84.7	80.5	91.6	108.6	131.0	118.4	131.9	138.5	..
Norway	90.7	100.0	77.4	73.6	73.4	74.8	78.6	78.8	79.4	79.9	85.0	..
Poland	87.2	100.0	97.6	99.4	103.3	110.6	119.7	119.9	116.4	118.2	116.7	..
Portugal	103.8	100.0	96.3	99.6	105.9	111.2	117.5	126.4	131.1	133.2	134.4	..
Slovak Republic	104.8	100.0	93.6	82.8	84.0	85.8	86.1	83.7	80.2	80.8	79.9	..
Spain	98.3	100.0	96.5	99.5	96.9	95.9	97.2	95.7	95.1	95.4	96.6	97.9
Sweden	87.3	100.0	101.0	99.4	97.6	102.1	115.2	117.2	115.2	115.7	127.8	..
Switzerland	99.9	100.0	98.5	97.2	96.7	96.6	96.8	96.6	96.9	96.8	97.3	..
Turkey	92.5	100.0	100.9	123.5	131.8	127.4	139.0	131.7	122.2	120.7	119.6	..
United Kingdom	99.7	100.0	94.0	91.2	89.6	89.3	88.8	87.2	86.3	88.2	89.0	..
United States	99.3	100.0	98.3	95.0	94.1	92.4	92.9	91.3	89.9	91.8	91.8	..

\* Indices for 2Q2008 are based on preliminary values.



**Table 22**  
**Indices of Real Tax Component for Premium Leaded Gasoline**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	100.1	100.0	97.6	94.6	92.6	..	..	..	..	..	..	..
Austria	x	x	x	x	x	x	x	x	x	x	x	x
Belgium	107.1	100.0	96.5	96.1	x	x	x	x	x	x	x	x
Canada	x	x	x	x	x	x	x	x	x	x	x	x
Czech Republic	94.2	100.0	x	x	x	x	x	x	x	x	x	x
Denmark	x	x	x	x	x	x	x	x	x	x	x	x
Finland	x	x	x	x	x	x	x	x	x	x	x	x
France	99.5	100.0	96.2	94.8	93.9	92.9	93.5	93.5	..	..	..	..
Germany	x	x	x	x	x	x	x	x	x	x	x	x
Greece	100.7	100.0	96.3	93.4	90.2	90.1	88.9	..	..	..	..	..
Hungary	..	..	x	x	x	x	x	x	x	x	x	x
Ireland	101.8	100.0	x	x	x	x	x	x	x	x	x	x
Italy	102.6	100.0	96.1	x	x	x	x	x	x	x	x	x
Japan	x	x	x	x	x	x	x	x	x	x	x	x
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	x	x	x	x	x	x	x	x	x	x	x	x
Norway	97.7	100.0	97.3	93.7	83.4	85.7	88.4	88.6	89.6	88.7	88.6	..
Poland	88.3	100.0	x	x	x	x	x	x	x	x	x	x
Portugal	..	..	..	..	..	..	..	..	..	..	..	..
Slovak Republic	x	x	x	x	x	x	x	x	x	x	x	x
Spain	99.7	100.0	96.2	97.6	95.1	93.6	92.6	91.1	..	x	x	x
Sweden	97.1	100.0	..	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	111.4	100.0	114.6	122.1	122.4	124.2	153.4	142.2	131.5	128.2	126.2	..
United Kingdom	107.9	100.0	98.1	97.1	95.6	91.9	..	..	..	..	..	..
United States	x	x	x	x	x	x	x	x	x	x	x	x

\* Indices for 2Q2008 are based on preliminary values.

**Table 23**  
**Indices of Real Tax Component for Regular Unleaded Gasoline**

	2000 = 100											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	99.2	100.0	97.3	94.3	92.3	91.7	91.8	90.7	88.2	88.5	88.4	..
Austria	98.4	100.0	96.5	93.7	92.8	94.3	94.4	94.7	96.9	103.2	100.5	103.8
Belgium	x	x	x	x	x	x	x	x	x	x	x	x
Canada	99.6	100.0	96.9	94.8	92.9	92.7	92.7	92.1	90.5	90.7	91.6	..
Czech Republic	..	..	..	..	..	..	..	..	..	..	..	..
Denmark	96.7	100.0	98.9	98.3	96.4	95.8	95.6	95.6	94.5	94.6	94.9	..
Finland	x	x	x	x	x	x	x	x	x	x	x	x
France	x	x	x	x	x	x	x	x	x	x	x	x
Germany	93.0	100.0	102.5	106.0	109.9	109.0	108.9	108.3	110.6	110.4	110.2	..
Greece	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	97.5	100.0	90.7	89.1	89.0	x	x	x	x	x	x	x
Ireland	x	x	x	x	x	x	x	x	x	x	x	x
Italy	x	x	x	x	x	x	x	x	x	x	x	x
Japan	103.4	100.0	100.8	106.3	106.8	107.3	108.7	109.5	109.7	110.0	110.4	..
Korea	..	100.0	97.0	94.4	91.3	88.8	87.0	85.6	83.9	83.6	80.7	..
Luxembourg	98.7	100.0	96.5	94.2	92.5	107.2	..	..	..	..	..	..
Mexico	128.2	100.0	116.1	125.5	97.1	64.3	44.5	32.5	28.7	28.6	28.4	..
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	97.3	100.0	96.8	102.4	104.0	106.7	114.7	119.6	119.0	121.2	121.7	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	x	x	x	x	x	x	x	x	x	x	x	x
Portugal	x	x	x	x	x	x	x	x	x	x	x	x
Slovak Republic	..	..	..	..	..	..	..	..	..	..	..	..
Spain	x	x	x	x	x	x	x	x	x	x	x	x
Sweden	x	x	x	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	x	x	x	x	x	x	x	x	x	x	x	x
United Kingdom	x	x	x	x	x	x	x	x	x	x	x	x
United States	103.4	100.0	97.3	96.3	94.5	93.1	90.7	107.0	107.3	106.8	106.7	..

\* Indices for 2Q2008 are based on preliminary values.

**Table 24**  
**Indices of Real Tax Component for Premium Unleaded (98 RON) Gasoline**

	2000 = 100												
	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*	
Australia	x	x	x	x	x	x	x	x	x	x	x	x	x
Austria	98.0	100.0	96.7	94.2	93.1	94.7	95.2	95.7	97.9	103.9	103.4	103.7	
Belgium	97.7	100.0	97.0	94.7	93.4	100.1	105.7	105.2	104.8	107.7	106.4	..	
Canada	99.7	100.0	96.9	94.8	92.9	92.9	92.8	91.9	90.7	90.7	91.5	..	
Czech Republic	..	..	..	..	..	..	..	..	..	..	..	..	..
Denmark	96.8	100.0	98.9	98.4	96.6	96.0	96.0	96.0	94.9	95.0	95.3	..	
Finland	99.6	100.0	96.8	94.7	97.7	98.8	99.6	99.8	98.7	97.3	102.3	..	
France	100.3	100.0	95.9	94.8	93.8	92.8	93.5	93.4	94.1	93.9	93.9	..	
Germany	92.9	100.0	102.8	106.0	109.9	109.0	109.0	108.7	111.1	110.6	110.2	..	
Greece	x	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	97.8	100.0	90.7	89.1	89.4	84.8	84.2	79.1	..	..	..	..	
Ireland	95.8	100.0	..	..	..	..	..	..	..	..	..	..	
Italy	..	..	..	..	..	..	..	..	..	..	..	..	..
Japan	x	x	x	x	x	x	x	x	x	x	x	x	x
Korea	..	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	98.3	100.0	96.8	94.4	92.3	106.6	111.4	109.6	111.6	110.9	111.4	..	
Mexico	x	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	97.2	100.0	98.9	98.4	97.1	100.9	102.2	102.3	102.7	102.8	103.6	..	
New Zealand	x	x	x	x	x	x	x	x	x	x	x	x	x
Norway	98.0	100.0	86.8	83.0	83.3	85.5	88.1	88.5	89.5	88.6	88.6	..	
Poland	89.5	100.0	104.1	105.9	108.5	111.1	107.8	101.5	112.6	112.5	110.3	..	
Portugal	130.1	100.0	94.2	130.0	137.5	140.6	144.2	151.3	154.4	153.9	154.0	..	
Slovak Republic	88.0	100.0	91.8	88.2	89.1	90.9	89.8	87.4	84.2	83.7	82.1	..	
Spain	..	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	96.5	100.0	97.5	97.1	96.8	99.2	104.1	104.7	103.5	102.5	106.9	..	
Switzerland	99.2	100.0	98.7	97.3	96.1	96.1	95.8	95.7	95.3	94.8	94.8	..	
Turkey	..	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	102.6	100.0	94.4	92.4	90.6	87.1	85.2	83.6	82.8	84.3	85.0	..	
United States	103.4	100.0	97.3	96.3	94.5	93.1	90.7	107.0	107.3	106.8	106.7	..	

\* Indices for 2Q2008 are based on preliminary values.

**Table 25**  
**Indices of Real Tax Component for Premium Unleaded (95 RON) Gasoline**

	2000 = 100												
	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*	
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	98.6	100.0	96.5	93.9	92.9	94.5	94.5	94.9	97.0	103.3	100.3	103.5	
Belgium	99.0	100.0	96.7	94.4	94.0	101.3	106.1	106.4	106.1	109.1	107.7	..	
Canada	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	94.2	100.0	94.0	89.4	89.5	92.3	91.5	90.2	87.5	87.0	84.0	..	
Denmark	96.8	100.0	98.9	98.3	96.3	95.8	95.6	95.6	94.5	94.6	94.9	..	
Finland	99.7	100.0	96.8	94.6	97.8	98.7	99.5	99.7	97.5	97.0	102.0	..	
France	100.5	100.0	96.0	94.7	93.9	92.8	93.1	93.2	93.9	93.7	94.2	94.3	
Germany	93.1	100.0	102.4	105.8	109.7	108.8	108.6	108.1	110.3	109.9	109.6	..	
Greece	99.6	100.0	97.9	93.8	90.8	90.7	89.6	..	..	..	..	..	..
Hungary	97.6	100.0	90.7	89.1	89.5	84.6	84.4	79.4	73.4	72.6	71.7	..	
Ireland	101.8	100.0	89.7	95.0	92.9	99.4	98.9	97.9	93.3	92.8	92.5	..	
Italy	102.6	100.0	97.0	97.1	94.9	96.4	97.1	96.4	94.9	95.0	94.5	..	
Japan	..	..	..	..	..	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	98.9	100.0	96.6	94.1	92.4	107.0	111.4	110.0	112.1	111.3	111.1	..	
Mexico	123.6	100.0	120.0	132.0	107.2	79.7	57.3	40.2	33.2	33.3	33.3	..	
Netherlands	97.8	100.0	98.5	97.9	97.3	101.3	102.4	102.4	102.7	102.8	103.8	..	
New Zealand	97.3	100.0	97.1	102.5	104.1	106.9	114.3	119.5	118.9	121.1	121.6	..	
Norway	98.0	100.0	86.6	82.9	83.2	85.4	88.0	88.7	89.6	88.6	90.3	..	
Poland	89.9	100.0	103.9	106.1	108.6	111.7	112.0	102.1	113.3	113.0	110.7	..	
Portugal	130.8	100.0	94.4	130.5	137.5	140.6	143.9	151.0	153.7	153.2	153.4	..	
Slovak Republic	94.7	100.0	91.5	87.3	88.5	90.6	89.6	87.2	83.9	83.5	82.1	..	
Spain	99.8	100.0	96.1	98.1	95.4	93.8	92.9	91.3	89.0	88.0	88.4	88.2	
Sweden	96.6	100.0	97.9	97.2	97.0	99.5	104.4	104.9	104.1	103.1	107.7	..	
Switzerland	99.2	100.0	98.4	97.0	96.1	96.1	95.8	95.7	95.3	94.9	94.7	..	
Turkey	111.0	100.0	112.1	128.1	130.8	125.5	151.5	141.4	131.1	127.8	125.8	..	
United Kingdom	97.4	100.0	94.0	90.9	89.4	89.2	88.2	86.6	86.0	87.7	88.1	..	
United States	103.4	100.0	97.3	96.3	94.5	93.1	90.7	107.0	107.3	106.8	106.7	..	

\* Indices for 2Q2008 are based on preliminary values.

**D. ENERGY END-USE PRICES**  
**IN US DOLLARS/unit**  
**(converted using exchange rates)**

**Table 1**  
**US Dollar Exchange Rates in National Currencies**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	1.550	1.727	1.935	1.841	1.542	1.359	1.313	1.328	1.195	1.125	1.105	1.062
Austria	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
Belgium	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
Canada	1.486	1.485	1.548	1.570	1.400	1.301	1.212	1.134	1.074	0.981	1.005	1.012
Czech Republic	34.59	38.64	38.02	32.73	28.13	25.69	23.95	22.59	20.29	18.48	17.06	15.95
Denmark	6.980	8.088	8.321	7.884	6.577	5.988	5.996	5.943	5.443	5.145	4.975	4.781
Finland	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
France	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
Germany	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
Greece	0.897	1.069	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
Hungary	237.1	282.3	286.5	257.9	224.3	202.6	199.5	210.4	183.6	174.5	173.1	159.8
Ireland	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.505
Italy	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
Japan	113.9	107.8	121.5	125.3	115.9	108.1	110.1	116.4	117.8	113.1	105.2	104.3
Korea	1187	1131	1290	1251	1191	1145	1024	952	929	922	957	1015
Luxembourg	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
Mexico	9.553	9.453	9.344	9.660	10.790	11.281	10.890	10.90	10.93	10.85	10.80	10.45
Netherlands	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
New Zealand	1.892	2.205	2.382	2.163	1.724	1.509	1.421	1.542	1.361	1.309	1.267	1.288
Norway	7.797	8.797	8.993	7.986	7.078	6.739	6.441	6.415	5.858	5.437	5.317	5.087
Poland	3.964	4.346	4.097	4.082	3.888	3.651	3.234	3.103	2.765	2.521	2.386	2.187
Portugal	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
Slovak Republic	41.36	46.23	48.35	45.30	36.76	32.23	31.04	29.65	24.68	23.07	22.06	20.17
Spain	0.939	1.085	1.117	1.061	0.885	0.805	0.805	0.797	0.730	0.690	0.662	0.640
Sweden	8.262	9.161	10.338	9.721	8.078	7.346	7.472	7.373	6.758	6.415	6.274	5.991
Switzerland	1.503	1.688	1.687	1.557	1.345	1.243	1.246	1.253	1.200	1.145	1.068	1.032
Turkey	0.419	0.625	1.228	1.512	1.503	1.426	1.341	1.430	1.300	1.184	1.199	1.260
United Kingdom	0.618	0.661	0.694	0.667	0.612	0.546	0.550	0.543	0.500	0.489	0.506	0.509
United States	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

\* Exchange rates for 2Q2008 are preliminary.

The Euro is the national currency for Economic and Monetary Union countries. For detailed notes on methodology, please refer to the detailed notes on sources and methods at the beginning of Part II.

**Table 2**  
**High Sulphur Fuel Oil Prices for Industry in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	137.6	180.8	155.1	160.4	x	x	x	x	x	x	x	x
Canada	114.5	182.4	164.9	179.2	211.3	224.2	299.7	331.9	399.7	494.6	523.5	..
Czech Republic	75.3	111.5	125.1	139.4	146.8	166.8	207.3	289.1	285.5	377.9	424.6	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..
France	123.8	179.1	154.4	175.6	209.3	216.5	302.6	358.8	407.9	517.0	548.8	611.8
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	..	242.2	251.6	329.3	..	..	..	..	..
Hungary	96.0	130.2	128.7	163.2	..	..	..	..	..	..	..	..
Ireland	168.6	227.8	200.8	247.8	302.3	329.4	418.6	498.3	442.7	406.8	445.2	..
Italy	180.4	220.9	197.7	220.7	..	..	..	..	..	..	..	..
Japan	170.0	224.3	217.2	201.5	237.9	267.8	350.3	455.8	477.1	580.8	694.4	765.7
Korea	207.1	275.6	254.1	274.9	301.6	339.4	434.7	542.6	551.9	619.2	654.4	..
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	79.8	125.0	109.1	119.9	140.0	145.0	181.0	255.5	259.3	326.4	384.3	..
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	179.0	270.0	189.5	208.2	224.2	278.1	396.7	446.9	461.5	606.4	475.8	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	72.9	112.7	105.4	131.1	159.9	173.5	254.4	308.4	354.1	452.0	460.9	..
Portugal	154.7	221.3	213.7	223.2	x	x	x	x	x	x	x	x
Slovak Republic	74.3	..	x	x	x	x	x	x	x	x	x	x
Spain	144.5	186.4	160.9	184.5	230.9	..	..	..	..	..	..	..
Sweden	x	x	x	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	173.9	206.1	181.3	264.9	304.3	346.1	545.2	641.1	786.0	963.8	979.9	..
United Kingdom	150.5	191.6	177.4	203.1	x	x	x	x	x	x	x	x
United States	106.7	168.8	148.1	158.6	195.8	206.6	295.9	342.5	387.3	488.1	518.8	..
OECD Europe	151.9	..	..	..	..	..	..	..	..	..	..	..
Total OECD	155.8	205.3	185.7	206.0	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 3**  
**Low Sulphur Fuel Oil Prices for Industry in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	154.9	175.7	163.1	177.1	224.5	265.8	353.9	419.1	474.9	598.2	662.3	722.1
Belgium	112.4	164.0	140.5	152.8	217.7	214.6	307.2	350.5	403.6	536.7	581.4	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	128.8	149.8	168.5	192.1	246.4	331.9	338.1	414.3	479.5	..
Denmark	172.5	224.7	210.0	236.8	308.5	283.4	386.4	434.8	487.6	577.8	616.3	..
Finland	188.4	236.1	204.2	220.6	272.7	293.6	393.3	441.9	494.0	612.2	665.1	..
France	137.3	195.5	170.1	188.8	228.1	232.5	323.9	372.5	421.8	534.5	571.6	648.9
Germany	124.1	173.2	150.5	172.6	210.5	217.1	302.9	371.3	393.9	496.5	548.6	..
Greece	177.4	233.3	211.0	209.3	266.6	277.9	359.0	..	..	..	..	..
Hungary	106.5	135.3	151.1	181.6	219.9	..	330.4	385.4	440.2	535.0	585.8	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	158.6	212.8	180.5	199.6	263.5	288.5	382.3	427.5	473.4	583.2	631.1	..
Japan	255.0	301.7	277.4	260.1	310.5	361.4	469.2	564.0	573.9	681.6	806.4	896.2
Korea	216.1	284.7	263.1	283.1	310.9	349.1	429.7	562.1	574.2	647.9	682.0	..
Luxembourg	128.0	180.0	155.6	168.5	215.2	210.1	..	..	..	..	..	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	176.0	218.2	195.9	207.5	266.0	278.1	356.1	412.6	451.7	564.0	652.1	633.4
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	310.8	355.0	405.3	456.4	..	..	..	..	..	..	..	..
Poland	..	..	..	..	..	197.9	298.1	369.4	428.1	537.0	593.9	..
Portugal	167.5	233.3	225.8	232.9	287.5	296.4	387.6	484.6	587.7	720.3	768.4	..
Slovak Republic	x	..	113.3	130.2	174.4	204.3	225.3	301.4	338.7	384.4	438.3	..
Spain	167.7	227.3	198.8	221.4	270.7	274.1	373.8	433.6	463.6	553.1	617.8	660.6
Sweden	c	439.8	459.8	480.1	626.1	761.1	855.4	933.2	1036.8	1168.6	1299.8	1413.9
Switzerland	137.3	191.2	171.6	177.8	221.4	209.6	308.2	348.2	392.9	537.1	..	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	..	..	..	..	254.5	277.9	375.4	434.2	575.7	727.3	c	c
United States	..	..	..	..	..	..	..	..	..	..	..	..
OECD Europe	..	..	193.3	212.3	265.8	284.5	375.8	436.4	488.6	600.7	649.2	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.



**Table 4**  
**Heavy Fuel Oil Prices for Electricity Generation in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	c	70.3	83.0	96.4	146.4	153.3	182.2	226.1	225.5	279.8	331.8	..
Belgium	137.6	180.8	155.1	160.4	x	x	x	x	x	x	x	x
Canada	..	120.1	115.7	117.8	180.5	141.5	198.4	..	..	..	..	..
Czech Republic	75.3	111.5	125.1	139.4	146.8	166.8	207.3	289.1	285.5	377.9	424.6	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	127.4	183.3	153.0	166.6	205.4	219.6	319.3	367.2	412.4	525.8	564.0	..
France	..	..	..	..	..	..	..	..	..	..	..	..
Germany	129.6	167.3	142.3	157.0	199.4	202.2	287.9	354.1	372.5	472.0	531.1	..
Greece	177.4	..	..	..	..	..	..	..	..	..	..	..
Hungary	71.6	146.1	134.3	159.7	..	..	..	..	..	..	..	..
Ireland	89.1	140.5	152.6	149.3	187.6	203.8	284.6	343.2	339.2	464.8	505.1	..
Italy	c	c	c	c	c	c	c	c	c	c	c	c
Japan	..	..	..	..	..	..	..	..	..	..	..	..
Korea	207.1	275.6	254.1	274.9	301.6	339.4	..	..	..	..	..	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	78.7	124.9	109.3	118.3	139.0	144.1	177.9	253.2	252.5	313.1	383.6	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	72.9	112.7	105.3	131.0	159.9	173.5	254.4	308.4	354.1	452.0	460.9	..
Portugal	77.5	148.7	117.9	143.2	181.4	184.5	217.8	311.0	352.2	492.2	512.5	..
Slovak Republic	74.3	..	x	x	x	x	x	x	x	x	x	x
Spain	167.7	227.3	198.8	221.4	270.4	..	..	..	..	..	..	..
Sweden	93.4	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	173.9	206.1	181.3	264.9	304.3	346.1	545.2	641.1	786.0	963.8	979.9	..
United Kingdom	134.3	181.2	164.3	187.9	253.3	260.1	384.5	427.1	455.9	514.2	..	..
United States	99.9	178.6	156.0	153.9	199.7	203.5	292.9	326.7	351.7	448.3	489.7	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 5**  
**Light Fuel Oil Prices for Industry in US Dollars/1000 litres**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	345.4	431.6	523.9	609.7	649.7	758.2	850.8	..
Belgium	178.0	267.2	243.5	225.5	294.6	388.1	534.9	598.0	658.6	797.8	890.2	..
Canada	145.4	243.1	207.4	199.4	248.9	321.9	460.5	515.0	580.8	722.7	801.0	..
Czech Republic	231.2	298.8	239.7	227.3	280.4	416.9	564.8	609.8	636.8	790.1	885.0	..
Denmark	300.4	379.3	353.8	362.9	453.1	538.2	683.8	744.7	819.7	972.0	1057.3	..
Finland	253.7	327.1	294.0	283.0	362.5	451.8	592.9	661.4	713.7	844.2	989.5	..
France	247.0	321.0	263.7	261.0	332.4	426.2	563.3	632.6	691.7	839.5	933.0	..
Germany	236.5	324.7	287.9	285.0	344.3	418.9	559.7	632.7	677.4	822.0	911.2	..
Greece	307.4	399.3	380.6	353.0	466.5	584.5	734.8	..	..	..	..	..
Hungary	561.1	609.5	582.6	704.6	938.4	..	..	..	..	..	..	..
Ireland	238.1	318.0	296.2	311.6	385.8	461.8	599.8	688.9	756.6	890.5	1015.4	..
Italy	654.9	657.1	611.4	654.6	800.0	940.2	1084.4	1168.1	1273.8	1439.0	1558.9	..
Japan	242.2	286.7	262.5	243.4	283.2	336.3	439.5	498.3	509.0	598.3	711.3	..
Korea	375.0	481.8	444.9	442.4	537.4	662.3	853.7	980.1	1009.9	1129.4	1057.0	..
Luxembourg	217.2	298.9	265.4	260.0	324.5	412.7	549.2	614.3	675.3	815.8	899.1	..
Mexico	93.4	143.5	128.6	147.3	174.9	192.3	257.7	311.2	331.7	413.6	459.3	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	197.1	239.0	232.5	244.3	270.7	306.1	381.4	448.9	463.4	543.4	555.4	..
Norway	409.5	466.2	465.0	489.2	623.8	696.1	886.5	838.5	921.1	1078.5	1256.3	..
Poland	180.1	267.1	251.6	253.6	307.6	388.3	558.1	635.7	697.8	854.7	937.6	..
Portugal	..	..	..	..	..	..	..	..	..	..	..	..
Slovak Republic	120.1	154.6	199.4	229.8	294.1	338.9	515.0	624.4	644.0	764.4	874.0	..
Spain	264.2	337.9	301.3	300.3	376.9	463.1	594.5	666.1	731.0	880.3	988.0	1147.8
Sweden	221.5	307.0	272.7	268.6	339.3	419.1	549.4	613.8	669.0	804.5	891.5	..
Switzerland	163.5	257.2	230.5	213.0	268.8	345.1	484.1	554.9	586.4	710.4	820.2	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	189.6	261.7	252.2	252.2	313.5	396.4	506.2	620.6	687.0	829.6	..	..
United States	135.2	227.6	198.6	183.1	232.3	297.4	427.7	484.6	545.0	659.8	716.4	..
OECD Europe	265.7	341.3	301.6	315.3	381.3	465.4	595.9	671.6	731.4	874.7	987.6	..
Total OECD	208.4	282.5	248.8	244.0	302.8	365.8	491.6	555.2	604.3	724.3	796.3	..

\* Prices for 2Q2008 are preliminary.

**Table 6**  
**Light Fuel Oil Prices for Households in US Dollars/1000 litres**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	315.9	414.1	370.7	360.5	445.0	593.1	758.2	859.0	910.4	1081.5	1186.3	1432.8
Belgium	215.4	323.3	294.6	272.9	354.8	477.3	647.2	723.6	796.9	965.4	1077.2	..
Canada	263.4	258.4	347.3	316.0	406.9	482.8	644.2	723.8	789.9	927.3	1021.8	..
Czech Republic	332.4	410.9	339.6	332.0	405.8	570.6	745.8	803.8	844.8	1035.7	1156.6	..
Denmark	671.1	690.8	678.9	703.3	868.2	1004.1	1191.5	1270.6	1395.5	1607.4	1727.2	..
Finland	309.6	399.0	358.7	345.3	442.3	551.1	723.3	807.0	870.7	1030.0	1207.2	..
France	347.9	423.6	357.3	343.3	440.0	561.3	723.3	814.5	885.7	1062.4	1194.4	1373.8
Germany	274.4	376.7	333.9	330.6	399.3	486.0	649.2	734.0	806.1	978.2	1084.4	..
Greece	362.7	471.2	449.1	416.6	550.5	689.7	867.1	..	..	..	..	..
Hungary	x	x	x	x	x	x	x	x	x	x	x	x
Ireland	346.1	425.4	399.0	405.1	514.9	626.8	783.4	885.6	971.9	1130.5	1277.3	..
Italy	785.8	788.5	733.7	785.5	960.0	1128.3	1301.3	1401.7	1528.5	1726.8	1870.7	..
Japan	372.3	437.8	409.7	363.8	412.6	476.1	579.6	683.6	674.0	797.6	919.9	..
Korea	413.9	495.0	449.8	443.2	536.3	656.8	849.8	977.2	1002.6	1123.5	1060.6	..
Luxembourg	227.3	320.9	283.8	276.9	346.2	450.3	599.8	672.6	739.4	895.8	988.4	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	419.2	516.3	545.3	538.8	677.8	820.0	1008.6	1105.7	1217.3	1378.2	1506.9	..
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	523.4	585.2	595.8	648.8	773.6	863.1	1108.1	1048.2	1151.4	1348.2	1570.4	..
Poland	252.8	372.8	364.7	356.4	416.2	514.0	725.1	832.8	904.2	1075.0	1197.3	..
Portugal	..	..	..	..	..	621.7	760.6	846.0	996.2	1173.9	1343.6	..
Slovak Republic	355.4	375.8	416.0	259.4	354.1	..	..	..	..	..	..	..
Spain	306.5	391.9	349.5	348.4	437.2	537.1	689.6	772.7	847.9	1021.2	1146.1	1331.4
Sweden	511.0	592.2	580.9	648.2	860.4	1072.8	1236.3	1332.8	1485.6	1682.1	1872.4	..
Switzerland	204.5	300.8	274.9	262.5	326.5	405.9	562.9	631.0	672.0	819.4	948.2	..
Turkey	597.7	694.9	631.5	717.0	870.1	981.4	1371.9	1488.4	1700.0	1973.1	2061.2	..
United Kingdom	224.8	325.4	275.4	238.8	303.6	402.2	556.9	675.2	800.5	960.8	1047.5	..
United States	252.8	357.1	344.2	314.5	369.8	415.7	552.4	636.9	696.9	834.9	906.7	..
OECD Europe	347.4	428.6	385.0	382.1	467.4	581.2	746.9	823.8	899.5	1073.1	1193.7	..
Total OECD	327.9	409.6	380.1	364.8	438.3	527.1	678.4	760.1	817.7	972.5	1074.3	..

\* Prices for 2Q2008 are preliminary.

**Table 7**  
**Automotive Diesel Oil Prices for Commercial Use in US Dollars/litre**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	0.564	0.598	0.558	0.565	0.650	0.747	0.810	0.890	0.994	1.159	1.261	..
Belgium	0.557	0.602	0.563	0.565	0.706	0.911	1.068	1.119	1.238	1.419	1.500	..
Canada	0.365	0.459	0.445	0.406	0.493	0.581	0.765	0.850	0.921	1.076	1.141	..
Czech Republic	0.450	0.524	0.520	0.544	0.638	0.809	0.978	1.077	1.189	1.412	1.543	..
Denmark	0.644	0.702	0.668	0.689	0.825	0.911	1.022	1.101	1.213	1.390	1.481	..
Finland	0.595	0.642	0.601	0.606	0.748	0.863	0.987	1.051	1.143	1.308	1.516	..
France	0.607	0.650	0.597	0.608	0.749	0.919	1.062	1.132	1.250	1.422	1.547	1.730
Germany	0.589	0.637	0.635	0.682	0.863	1.004	1.143	1.208	1.345	1.543	1.641	..
Greece	0.475	0.527	0.481	0.496	0.610	0.779	0.920	..	..	..	..	..
Hungary	0.561	0.609	0.583	0.625	0.749	0.864	1.026	1.076	1.197	1.347	1.459	..
Ireland	0.617	0.634	0.611	0.603	0.750	0.904	1.068	1.136	1.222	1.348	1.479	..
Italy	0.676	0.685	0.648	0.672	0.826	0.971	1.147	1.218	1.327	1.507	1.627	..
Japan	0.531	0.578	0.528	0.503	0.562	0.649	0.745	0.796	0.817	0.916	1.039	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	0.503	0.553	0.511	0.517	0.627	0.745	0.911	1.001	1.114	1.280	1.393	..
Mexico	0.342	0.385	0.421	0.429	0.398	0.392	0.419	0.434	0.466	0.475	0.481	..
Netherlands	0.632	0.663	0.617	0.626	0.755	0.938	1.068	1.146	1.263	1.436	1.553	..
New Zealand	0.234	0.294	0.269	0.266	0.321	0.430	0.564	0.653	0.683	0.805	0.881	..
Norway	0.867	0.915	0.775	0.823	0.956	1.039	1.223	1.277	1.413	1.619	1.760	..
Poland	0.379	0.482	0.511	0.518	0.598	0.711	0.933	1.008	1.116	1.321	1.401	..
Portugal	0.542	0.559	0.556	0.561	0.738	0.900	1.066	1.197	1.352	1.537	1.667	..
Slovak Republic	0.530	0.558	0.515	0.505	0.678	0.882	1.019	1.128	1.287	1.462	1.578	..
Spain	0.519	0.553	0.534	0.560	0.676	0.809	0.957	1.024	1.131	1.284	1.407	1.589
Sweden	0.644	0.738	0.669	0.690	0.804	0.931	1.108	1.208	1.303	1.447	1.612	..
Switzerland	0.678	0.721	0.690	0.711	0.850	0.993	1.129	1.196	1.268	1.433	1.563	..
Turkey	0.565	0.695	0.597	0.725	0.927	1.080	1.459	1.555	1.771	2.082	2.180	..
United Kingdom	0.998	1.047	0.955	0.963	1.083	1.277	1.405	1.492	1.648	1.804	1.854	..
United States	0.297	0.395	0.371	0.348	0.398	0.477	0.633	0.714	0.761	0.864	0.932	..
OECD Europe	0.633	0.677	0.638	0.661	0.801	0.953	1.109	1.185	1.310	1.489	1.597	..
Total OECD	0.486	0.551	0.521	0.521	0.612	0.732	0.879	0.952	1.037	1.176	1.266	..

\* Prices for 2Q2008 are preliminary.

**Table 8**  
**Automotive Diesel Oil Prices for Non-Commercial Use in US Dollars/litre**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	0.455	0.518	0.467	0.468	0.591	0.736	0.912	1.014	1.093	1.246	1.335	..
Austria	0.677	0.717	0.670	0.678	0.821	1.005	1.178	1.265	1.418	1.665	1.743	2.037
Belgium	0.682	0.747	0.699	0.684	0.854	1.094	1.292	1.354	1.499	1.717	1.815	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	0.549	0.639	0.634	0.664	0.779	0.968	1.164	1.282	1.415	1.680	1.836	..
Denmark	0.804	0.877	0.835	0.862	1.032	1.139	1.278	1.376	1.517	1.738	1.853	..
Finland	0.726	0.783	0.733	0.738	0.913	1.053	1.204	1.283	1.395	1.595	1.850	..
France	0.733	0.779	0.715	0.727	0.896	1.099	1.271	1.354	1.495	1.700	1.851	2.067
Germany	0.679	0.738	0.736	0.792	1.001	1.164	1.323	1.400	1.601	1.841	1.954	..
Greece	0.561	0.622	0.568	0.586	0.719	0.919	1.086	..	..	..	..	..
Hungary	0.701	0.762	0.728	0.781	0.936	1.079	1.273	1.291	1.436	1.616	1.750	..
Ireland	0.745	0.776	0.734	0.730	0.908	1.096	1.292	1.374	1.479	1.634	1.789	..
Italy	0.812	0.822	0.778	0.807	0.991	1.165	1.377	1.462	1.593	1.809	1.954	..
Japan	0.691	0.754	0.695	0.661	0.729	0.815	0.911	0.971	1.009	1.134	1.258	..
Korea	0.440	0.542	0.500	0.542	0.653	0.793	1.052	1.282	1.367	1.511	1.538	..
Luxembourg	0.578	0.635	0.588	0.596	0.721	0.857	1.047	1.152	1.281	1.472	1.602	..
Mexico	0.392	0.441	0.482	0.492	0.456	0.450	0.480	0.498	0.533	0.544	0.550	..
Netherlands	0.742	0.779	0.734	0.745	0.898	1.104	1.271	1.364	1.503	1.709	1.848	..
New Zealand	0.264	0.331	0.302	0.299	0.361	0.484	0.635	0.735	0.769	0.905	0.991	..
Norway	1.067	1.125	0.961	1.027	1.185	1.288	1.526	1.596	1.767	2.023	2.200	..
Poland	0.463	0.588	0.623	0.632	0.729	0.868	1.139	1.230	1.362	1.612	1.709	..
Portugal	0.585	0.603	0.599	0.608	0.801	0.978	1.163	1.310	1.480	1.683	1.825	..
Slovak Republic	0.653	0.686	0.634	0.621	0.814	1.050	1.213	1.342	1.531	1.740	1.878	..
Spain	0.602	0.641	0.620	0.649	0.784	0.938	1.109	1.188	1.311	1.488	1.632	1.844
Sweden	0.805	0.922	0.837	0.863	1.004	1.163	1.386	1.510	1.629	1.809	2.014	..
Switzerland	0.822	0.851	0.830	0.857	1.010	1.163	1.315	1.389	1.473	1.648	1.814	..
Turkey	0.565	0.695	0.597	0.725	0.927	1.080	1.459	1.555	1.771	2.082	2.180	..
United Kingdom	1.173	1.230	1.122	1.132	1.273	1.500	1.653	1.753	1.936	2.119	2.178	..
United States	0.297	0.395	0.371	0.348	0.398	0.477	0.633	0.714	0.761	0.864	0.932	..
OECD Europe	0.747	0.798	0.752	0.779	0.944	1.123	1.309	1.398	1.551	1.763	1.890	..
Total OECD	0.560	0.628	0.593	0.596	0.699	0.837	1.002	1.088	1.188	1.346	1.444	..

\* Prices for 2Q2008 are preliminary.

**Table 9**  
**Premium Leaded/Lead Replacement Gasoline Prices in US Dollars/litre**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	0.474	0.529	0.466	0.482	0.601	..	..	..	..	..	..	..
Austria	x	x	x	x	x	x	x	x	x	x	x	x
Belgium	1.031	1.016	0.962	0.988	x	x	x	x	x	x	x	x
Canada	x	x	x	x	x	x	x	x	x	x	x	x
Czech Republic	0.693	0.767	x	x	x	x	x	x	x	x	x	x
Denmark	x	x	x	x	x	x	x	x	x	x	x	x
Finland	x	x	x	x	x	x	x	x	x	x	x	x
France	1.066	1.076	1.004	1.032	1.240	1.425	1.576	1.701	..	..	..	..
Germany	x	x	x	x	x	x	x	x	x	x	x	x
Greece	0.746	0.759	0.706	0.739	0.891	1.081	1.166	..	..	..	..	..
Hungary	..	..	x	x	x	x	x	x	x	x	x	x
Ireland	0.949	0.956	x	x	x	x	x	x	x	x	x	x
Italy	1.068	1.039	0.977	x	x	x	x	x	x	x	x	x
Japan	x	x	x	x	x	x	x	x	x	x	x	x
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	x	x	x	x	x	x	x	x	x	x	x	x
Norway	1.242	1.270	1.134	1.198	1.410	1.583	1.781	1.868	2.091	2.292	2.415	..
Poland	0.589	0.724	x	x	x	x	x	x	x	x	x	x
Portugal	..	..	..	..	..	1.357	1.496	1.690	1.905	2.062	2.169	..
Slovak Republic	..	x	x	x	x	x	x	x	x	x	x	x
Spain	0.785	0.806	0.774	0.821	1.001	1.168	1.289	1.395	..	x	x	x
Sweden	1.054	1.071	..	x	x	x	x	x	x	x	x	x
Switzerland	0.860	x	x	x	x	x	x	x	x	x	x	x
Turkey	0.871	0.931	0.809	0.979	1.204	1.379	1.879	1.920	2.191	2.488	2.574	..
United Kingdom	1.249	1.284	1.148	1.154	1.307	1.548	..	..	..	..	..	..
United States	x	x	x	x	x	x	x	x	x	x	x	x
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 10**  
**Regular Unleaded Gasoline Prices in US Dollars/litre**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	0.455	0.512	0.451	0.466	0.580	0.717	0.853	0.934	1.018	1.162	1.243	..
Austria	0.850	0.854	0.799	0.809	0.974	1.157	1.262	1.346	1.512	1.719	1.817	1.984
Belgium	x	x	x	x	x	x	x	x	x	x	x	x
Canada	0.400	0.490	0.455	0.448	0.526	0.625	0.762	0.862	0.948	1.040	1.080	..
Czech Republic	..	..	0.709	0.742	0.871	1.028	1.172	1.291	1.435	1.642	1.778	..
Denmark	1.024	1.026	0.979	1.030	1.242	1.392	1.496	1.603	1.779	1.939	2.039	..
Finland	x	x	x	x	x	x	x	x	x	x	x	x
France	x	x	x	x	x	x	x	x	x	x	x	x
Germany	0.903	0.912	0.898	0.969	1.211	1.385	1.494	1.592	1.818	1.986	2.114	..
Greece	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	0.770	0.813	0.775	0.852	1.006	x	x	x	x	x	x	x
Ireland	x	x	x	x	x	x	x	x	x	x	x	x
Italy	x	x	x	x	x	x	x	x	x	x	x	x
Japan	0.863	0.964	0.863	0.831	0.917	1.039	1.131	1.181	1.187	1.329	1.457	..
Korea	1.004	1.104	0.992	1.014	1.087	1.192	1.395	1.564	1.641	1.734	1.733	..
Luxembourg	0.727	0.756	0.701	0.724	0.877	1.124	..	..	..	..	..	..
Mexico	0.473	0.532	0.581	0.591	0.538	0.537	0.585	0.610	0.635	0.649	0.656	..
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	0.450	0.485	0.440	0.476	0.610	0.771	0.929	1.008	1.142	1.261	1.354	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	x	x	x	x	x	x	x	x	x	x	x	x
Portugal	x	x	x	x	x	x	x	x	x	x	x	x
Slovak Republic	..	..	..	..	..	..	..	..	..	..	..	..
Spain	x	x	x	x	x	x	x	x	x	x	x	x
Sweden	x	x	x	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	x	x	x	x	x	x	x	x	x	x	x	x
United Kingdom	x	x	x	x	x	x	x	x	x	x	x	x
United States	0.300	0.392	0.375	0.355	0.412	0.489	0.600	0.679	0.739	0.784	0.820	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	0.418	0.501	0.477	0.464	0.531	0.614	0.719	0.796	0.861	0.926	0.975	..

\* Prices for 2Q2008 are preliminary.

**Table 11**  
**Premium Unleaded (98 RON) Gasoline Prices in US Dollars/litre**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	x	x	x	x	x	x	x	x	x	x	x	x
Austria	0.916	0.931	0.881	0.905	1.085	1.281	1.410	1.502	1.693	1.905	1.941	2.138
Belgium	0.976	1.021	0.968	0.992	1.200	1.446	1.627	1.726	1.919	2.127	2.242	..
Canada	0.463	0.552	0.514	0.503	0.592	0.699	0.842	0.949	1.040	1.146	1.183	..
Czech Republic	..	..	0.796	0.848	1.011	1.185	1.331	1.436	1.569	1.785	1.930	..
Denmark	1.053	1.051	1.003	1.063	1.283	1.438	1.554	1.663	1.843	2.007	2.110	..
Finland	1.082	1.067	1.013	1.037	1.263	1.452	1.538	1.650	1.822	1.965	2.196	..
France	1.026	1.025	0.947	0.977	1.172	1.347	1.493	1.600	1.790	1.955	2.094	..
Germany	0.948	0.959	0.954	1.025	1.279	1.460	1.579	1.694	1.921	2.084	2.206	..
Greece	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	0.821	0.855	0.817	0.899	1.078	1.239	1.349	1.361	..	..	..	..
Ireland	0.977	0.969	..	..	..	..	..	..	..	..	..	..
Italy	..	..	..	..	..	..	..	..	..	..	..	..
Japan	x	x	x	x	x	x	x	x	x	x	x	x
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	0.753	0.798	0.753	0.773	0.919	1.157	1.312	1.385	1.563	1.699	1.801	..
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	1.097	1.113	1.076	1.140	1.368	1.612	1.747	1.848	2.086	2.253	2.391	..
New Zealand	x	x	x	x	x	x	x	x	x	x	x	x
Norway	1.221	1.236	1.100	1.161	1.368	1.534	1.725	1.821	2.040	2.237	2.358	..
Poland	0.621	0.771	0.830	0.837	0.926	1.076	1.294	1.340	1.593	1.815	1.884	..
Portugal	0.892	0.831	0.852	0.867	1.155	1.364	1.510	1.699	1.930	2.083	2.212	..
Slovak Republic	0.647	0.758	0.695	0.720	0.927	1.172	1.281	1.418	1.648	1.797	1.887	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	1.058	1.083	0.942	0.996	1.211	1.403	1.518	1.613	1.763	1.896	2.022	..
Switzerland	0.818	0.858	0.838	0.870	1.011	1.160	1.261	1.345	1.441	1.575	1.704	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	1.341	1.321	1.193	1.196	1.330	1.571	1.698	1.805	2.008	2.147	2.200	..
United States	0.349	0.439	0.423	0.404	0.462	0.539	0.652	0.733	0.795	0.843	0.880	..
OECD Europe	1.038	1.050	0.994	1.033	1.228	1.424	1.556	1.660	1.868	2.029	2.136	..
Total OECD	0.499	0.569	0.541	0.530	0.611	0.707	0.819	0.906	0.992	1.063	1.112	..

\* Prices for 2Q2008 are preliminary.



**Table 12**  
**Premium Unleaded (95 RON) Gasoline Prices in US Dollars/litre**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	1.000	1.080	1.227	1.316	..
Austria	0.867	0.868	0.809	0.824	0.995	1.178	1.284	1.368	1.535	1.743	1.825	1.991
Belgium	0.962	0.963	0.902	0.923	1.150	1.417	1.590	1.698	1.896	2.102	2.218	..
Canada	..	..	..	0.477	0.560	0.672	0.816	0.916	1.011	1.118	1.145	1.291
Czech Republic	0.668	0.743	0.719	0.751	0.882	1.039	1.189	1.310	1.454	1.662	1.806	..
Denmark	1.033	1.034	0.986	1.039	1.249	1.402	1.506	1.613	1.790	1.951	2.051	..
Finland	1.060	1.046	0.993	1.013	1.237	1.417	1.505	1.616	1.778	1.910	2.137	..
France	1.016	1.005	0.927	0.956	1.149	1.318	1.442	1.552	1.743	1.897	2.044	2.189
Germany	0.931	0.935	0.917	0.988	1.235	1.411	1.519	1.617	1.837	1.996	2.114	..
Greece	0.693	0.719	0.675	0.693	0.836	1.009	1.091	..	..	..	..	..
Hungary	0.783	0.823	0.786	0.864	1.038	1.183	1.306	1.321	1.507	1.638	1.708	..
Ireland	0.799	0.824	0.796	0.806	0.984	1.184	1.292	1.402	1.529	1.676	1.786	..
Italy	1.022	0.996	0.943	0.988	1.198	1.399	1.515	1.612	1.778	1.943	2.070	..
Japan	..	..	..	..	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	0.737	0.763	0.711	0.729	0.879	1.124	1.270	1.358	1.537	1.671	1.774	..
Mexico	0.522	0.591	0.651	0.665	0.613	0.632	0.685	0.720	0.776	0.797	0.812	..
Netherlands	1.069	1.069	1.028	1.078	1.310	1.555	1.680	1.775	1.999	2.156	2.299	..
New Zealand	0.476	0.506	0.461	0.499	0.641	0.810	0.968	1.048	1.178	1.307	1.404	..
Norway	1.185	1.201	1.066	1.122	1.324	1.482	1.678	1.786	1.994	2.183	2.317	..
Poland	0.588	0.722	0.769	0.782	0.862	1.023	1.234	1.283	1.523	1.727	1.791	..
Portugal	0.855	0.799	0.817	0.827	1.090	1.283	1.424	1.605	1.811	1.955	2.085	..
Slovak Republic	0.654	0.724	0.656	0.664	0.855	1.092	1.201	1.333	1.541	1.686	1.789	..
Spain	0.745	0.755	0.722	0.767	0.923	1.080	1.186	1.280	1.417	1.551	1.649	1.795
Sweden	1.009	1.038	0.914	0.957	1.164	1.356	1.466	1.559	1.724	1.854	1.986	..
Switzerland	0.796	0.829	0.801	0.831	0.975	1.128	1.226	1.311	1.403	1.528	1.654	..
Turkey	0.867	0.933	0.808	0.977	1.200	1.374	1.890	1.942	2.215	2.513	2.599	..
United Kingdom	1.134	1.209	1.092	1.099	1.242	1.469	1.576	1.681	1.884	2.045	2.067	..
United States	0.326	0.417	0.400	0.380	0.438	0.515	0.626	0.706	0.768	0.814	0.851	..
OECD Europe	0.950	0.971	0.915	0.957	1.147	1.335	1.460	1.571	1.762	1.924	2.027	..
Total OECD	0.500	0.566	0.540	0.530	0.611	0.706	0.813	0.896	0.986	1.059	1.109	..

\* Prices for 2Q2008 are preliminary.

**Table 13**  
**Automotive LPG for Commercial Use in US Dollars/litre**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	..	..	..	0.271	0.330	0.395	0.422	0.507	0.582	0.710	0.733	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	0.278	0.342	0.443	0.495	0.559	0.596	0.710	0.790	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..
France	..	0.402	0.381	0.390	0.508	0.586	0.667	0.745	0.814	0.871	0.944	0.994
Germany	..	..	..	..	..	..	0.570	0.611	0.670	0.729	0.799	0.841
Greece	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	..	..	..	..	..	..	..	..	..	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	..	0.417	0.404	0.409	0.510	0.559	0.590	0.676	0.715	0.787	0.862	..
Japan	..	..	..	0.477	0.529	0.566	0.581	0.617	0.640	0.706	..	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	..	0.341	0.281	0.307	0.397	0.457	0.507	0.556	0.637	0.768	0.794	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	0.356	0.328	0.340	0.414	0.484	0.532	0.599	0.682	0.803	0.850	..
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	0.304	0.386	0.474	0.539	0.594	0.725	0.752	..
Portugal	..	..	..	0.365	0.446	0.523	..	..	..	..	..	..
Slovak Republic	..	..	..	0.219	0.333	0.420	0.478	0.636	0.574	0.727	0.715	..
Spain	..	0.327	0.324	0.330	0.425	0.498	0.583	0.666	0.680	0.686	0.711	0.744
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	..	..	..	0.540	0.657	0.714	..	..	1.163	1.387	1.336	..
United Kingdom	..	..	..	..	..	..	..	..	..	..	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 14**  
**Automotive LPG for Non-Commercial Use in US Dollars/litre**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	0.429	0.456	0.535	0.617	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	..	0.362	0.321	0.328	0.399	0.478	0.509	0.614	0.704	0.859	0.887	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	0.339	0.418	0.530	0.589	0.665	0.709	0.845	0.940	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..
France	..	0.482	0.456	0.467	0.608	0.702	0.798	0.891	0.973	1.041	1.128	1.188
Germany	..	..	..	..	..	..	0.665	0.709	0.797	0.867	0.950	1.000
Greece	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	0.452	0.483	0.594	..	0.750	0.797	0.911	0.993	1.054	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	..	0.500	0.484	0.491	0.611	0.671	0.708	0.812	0.858	0.945	1.033	..
Japan	..	..	..	0.507	0.562	0.601	0.614	0.650	0.673	0.744	..	..
Korea	..	..	..	..	0.476	0.588	0.706	0.786	0.833	0.880	0.985	..
Luxembourg	..	0.359	0.319	0.329	0.420	0.484	0.537	0.590	0.675	0.814	0.842	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	0.418	0.389	0.405	0.493	0.576	0.633	0.713	0.811	0.956	1.012	..
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	0.371	0.471	0.578	0.657	0.725	0.884	0.918	..
Portugal	..	..	..	0.431	0.531	0.622	0.692	0.744	0.813	0.888	0.978	..
Slovak Republic	..	..	..	0.250	0.379	0.500	0.569	0.757	0.860	0.993	1.012	..
Spain	..	0.380	0.376	0.383	0.493	0.578	0.676	0.773	0.789	0.796	0.824	0.863
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	..	..	..	..	..	..	..	..	1.315	1.544	1.636	..
United Kingdom	..	..	..	..	..	..	..	..	..	..	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 15**  
**Natural Gas Prices for Industry in US Dollars/10<sup>7</sup> kcal (GCV basis)**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	144.6	..	..	..	..	..	..	..	..	..	..	..
Belgium	c	c	c	c	c	c	c	c	c	c	c	c
Canada	79.4	89.8	108.8	125.3	210.1	223.6	294.2	272.1	258.5	266.7	246.6	..
Czech Republic	142.8	147.6	155.9	173.6	203.4	217.5	292.5	402.2	391.7	444.4	545.3	..
Denmark	c	c	c	c	c	c	c	c	c	c	c	c
Finland	128.0	130.7	126.0	126.9	158.7	170.3	190.2	248.1	267.9	299.5	342.0	..
France	147.1	178.1	197.1	182.5	241.8	262.2	330.2	412.2	414.1	472.4	543.0	..
Germany	161.4	187.9	..	..	..	..	..	..	..	..	..	..
Greece	151.6	197.4	184.4	181.0	221.5	232.3	312.4	..	..	..	..	..
Hungary	134.9	109.6	123.2	143.7	235.7	287.7	345.7	451.1	584.2	632.9	648.9	738.6
Ireland	164.7	114.2	143.5	183.8	232.7	291.7	374.0	465.9	c	c	573.7	..
Italy	c	c	c	c	c	300.4	351.8	454.2	..	..	..	..
Japan	385.8	452.7	406.4	357.0	384.9	392.5	401.5	435.3	..	..	..	..
Korea	..	..	..	..	..	341.8	392.4	495.2	551.1	601.3	561.4	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	88.3	150.0	163.4	122.7	205.3	300.7	357.1	343.2	347.1	348.7	415.2	..
Netherlands	116.7	166.5	175.6	164.5	222.4	..	..	..	..	..	..	..
New Zealand	73.6	59.8	60.0	65.5	106.1	123.3	166.0	187.0	208.8	221.8	..	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	121.8	133.0	173.3	173.1	175.9	179.4	224.7	294.3	375.1	446.8	456.5	..
Portugal	..	..	..	238.1	287.6	285.8	340.3	399.0	428.8	436.3	518.2	..
Slovak Republic	106.6	101.4	106.6	132.8	220.6	243.0	287.4	378.9	420.2	462.7	525.4	..
Spain	131.4	175.4	176.0	165.5	204.0	215.6	254.2	354.9	380.3	409.7	447.5	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	215.0	222.9	296.4	279.2	320.3	352.3	402.6	487.7	576.6	596.2	718.3	..
Turkey	162.4	175.0	200.5	215.5	228.9	230.3	304.5	352.7	440.8	487.4	513.6	..
United Kingdom	102.9	104.6	140.4	146.4	164.7	202.6	298.8	383.8	332.8	396.3	..	..
United States	118.7	171.0	198.6	154.4	223.8	252.0	325.2	302.0	291.1	288.1	343.3	..
OECD Europe	137.0	159.4	..	..	..	..	..	..	..	..	..	..
Total OECD	122.9	162.9	183.7	156.4	220.1	253.4	320.4	335.9	321.0	334.0	..	..

\* Prices for 2Q2008 are preliminary.

**Table 16**  
**Natural Gas Prices for Electricity Generation in US Dollars/10<sup>7</sup> kcal (GCV basis)**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	c	c	c	c	c	c	c	c	c	c	c	c
Canada	..	134.8	145.5	144.7	174.9	171.9	225.2	..	..	..	..	..
Czech Republic	142.8	146.2	151.7	168.7	197.8	..	..	..	..	..	..	..
Denmark	c	c	c	c	c	c	c	c	c	c	c	c
Finland	107.7	113.2	109.0	109.0	136.2	145.6	165.4	223.0	240.5	270.6	308.7	..
France	..	..	..	..	..	..	..	..	..	..	..	..
Germany	139.4	153.4	..	..	..	..	..	..	..	..	..	..
Greece	c	c	c	c	c	c	c	c	c	c	c	c
Hungary	134.4	99.9	155.5	188.9	216.8	251.4	285.9	391.9	494.1	524.2	552.5	628.8
Ireland	101.1	99.1	127.0	150.6	168.3	c	c	c	c	c	c	c
Italy	c	c	c	c	c	c	c	c	c	c	c	c
Japan	..	..	..	..	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	292.9	367.0	477.0	490.0	553.3	599.9	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	88.3	150.0	163.4	122.7	205.3	275.0	363.8	339.6	316.3	297.1	353.7	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	..	..	..	..	..	..	..	..
Portugal	..	..	..	..	194.1	242.0	291.8	355.1	371.4	407.7	449.1	..
Slovak Republic	106.6	101.4	106.3	131.8	220.6	243.0	287.4	378.9	420.2	462.7	525.4	..
Spain	119.8	165.0	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	158.3	168.5	197.1	214.4	222.9	227.9	301.3	349.3	438.8	482.7	509.0	..
United Kingdom	114.7	104.0	111.1	106.2	129.6	162.1	214.6	275.0	287.5	331.5	..	..
United States	102.1	172.9	176.3	140.5	213.1	235.7	325.9	274.6	281.4	284.9	335.9	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 17**  
**Natural Gas Prices for Households in US Dollars/10<sup>7</sup> kcal (GCV basis)**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	393.0	348.4	368.5	379.3	590.6	686.2	729.6	785.0	936.5	981.0	1026.5	..
Belgium	382.7	407.7	..	..	..	..	..	..	..	..	..	..
Canada	212.4	199.4	294.1	236.2	339.9	361.4	429.5	481.7	488.4	631.4	445.9	..
Czech Republic	185.1	214.1	233.0	274.8	322.4	352.7	429.2	543.4	577.5	663.4	772.9	..
Denmark	654.6	735.3	709.2	720.1	895.1	1052.8	1252.6	..	..	..	..	..
Finland	156.1	159.5	221.1	201.6	251.0	269.8	298.1	352.3	383.6	425.7	485.5	..
France	387.6	347.5	402.7	425.6	521.6	544.3	590.5	706.9	785.7	831.3	901.0	..
Germany	381.8	373.4	..	..	..	..	..	..	..	..	..	..
Greece	308.2	258.6	258.2	303.3	392.1	423.6	600.8	..	..	..	..	..
Hungary	185.0	156.4	150.0	175.8	243.5	224.6	245.1	298.4	615.4	629.7	669.4	767.0
Ireland	434.9	345.8	353.0	376.2	503.5	570.0	657.7	917.0	1099.4	901.1	933.8	..
Italy	638.3	c	c	c	c	778.3	823.4	936.6	..	..	..	..
Japan	1196.4	1294.1	1168.2	1086.4	1195.2	1271.5	1245.6	1238.4	..	..	..	..
Korea	..	..	..	..	..	454.3	527.9	641.4	713.0	770.1	712.6	..
Luxembourg	244.4	275.6	300.2	272.7	342.5	367.7	477.5	558.7	..	..	..	..
Mexico	..	..	..	..	..	545.9	631.9	622.2	631.5	640.6	717.7	..
Netherlands	368.9	359.4	401.4	457.1	602.4	682.5	800.4	899.7	1031.3	1058.2	1231.8	..
New Zealand	379.3	359.1	332.2	338.5	570.5	751.4	830.5	778.4	1243.2	1630.2	..	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	244.3	247.5	304.0	336.9	339.9	369.5	443.2	554.5	688.5	728.5	757.2	..
Portugal	..	..	..	651.1	794.0	909.1	963.5	1018.3	1075.0	1165.4	1236.1	..
Slovak Republic	77.8	108.3	115.3	125.7	228.9	351.6	419.0	553.5	656.8	702.7	760.8	..
Spain	480.5	491.4	507.9	496.9	594.2	643.3	684.7	756.9	867.9	932.5	977.9	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	412.2	411.3	490.5	494.7	562.5	612.9	670.7	765.5	866.8	899.7	1005.0	..
Turkey	225.9	259.3	242.6	254.7	265.3	260.2	362.1	415.4	519.5	573.1	580.1	..
United Kingdom	321.0	292.8	286.5	317.0	351.8	423.1	481.9	643.8	753.2	724.8	763.7	..
United States	257.2	321.5	369.1	303.8	365.5	412.8	492.1	528.2	499.5	486.0	486.7	..
OECD Europe	385.2	327.4	..	..	..	..	..	..	..	..	..	..
Total OECD	346.2	354.2	383.6	350.7	417.7	491.2	560.0	628.8	603.1	612.4	619.0	..

\* Prices for 2Q2008 are preliminary.

**Table 18**  
**Steam Coal Prices for Industry in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	56.0	53.9	55.5	74.1	86.3	168.6	175.9	178.5	197.2	211.6	230.2	..
Belgium	..	..	..	..	..	..	..	..	..	..	..	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Rep. **	15.2	14.4	15.2	18.1	c	c	c	c	c	c	c	c
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	84.7	77.9	84.8	84.1	98.8	122.5	127.6	130.4	145.0	160.0	186.6	..
France	108.0	93.6	95.4	97.0	115.8	..	..	..	..	..	..	..
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	..	..	..	..	..	..	..	..	..	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	33.4	38.3	44.8	41.4	42.3	63.5	73.2	69.1	86.1	103.6	..	..
Japan	37.8	36.4	39.5	38.4	36.1	53.5	64.7	65.1	72.2	78.0	88.6	..
Korea	46.7	55.0	48.2	49.9	55.1	54.6	63.0	57.6	71.0	75.9	89.2	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	37.2	38.5	43.1	39.9	45.1	52.0	61.3	65.0	78.1	87.5	99.0	..
Portugal	28.0	33.1	40.5	34.7	41.0	..	..	..	..	..	..	..
Slovak Republic	27.8	..	..	..	..	..	..	..	..	..	..	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	47.2	51.5	58.9	52.8	64.5	94.3	94.3	95.4	129.6	165.9	..	..
Turkey**	35.2	32.3	31.8	42.2	44.5	40.8	47.8	48.6	69.8	82.8	90.9	..
United Kingdom	56.4	53.1	57.1	58.3	63.0	77.7	89.3	89.0	101.4	106.5	..	..
United States	34.8	35.0	36.1	37.0	37.7	43.3	52.1	52.1	59.8	59.7	60.6	62.6
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	39.6	39.6	41.0	41.1	43.0	49.4	58.8	58.7	68.1	71.6	75.5	..

\* Prices for 2Q2008 are preliminary.

\*\* Brown coal price for the Czech Republic and Turkey.

**Table 19**  
**Steam Coal Prices for Electricity Generation in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	c	53.8	45.7	52.7	64.5	81.3	87.5	92.7	103.1	111.5	123.9	..
Belgium	30.2	32.8	37.7	34.5	35.9	72.5	80.3	63.2	75.5	85.4	112.5	..
Canada	..	17.9	18.5	19.2	21.0	20.3	24.5	..	..	..	..	..
Czech Rep. **	9.6	8.0	8.0	8.5	c	c	c	c	c	c	c	c
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	39.4	38.6	46.7	44.0	48.3	67.0	72.1	74.3	83.7	95.2	110.4	..
France	38.2	37.2	45.3	42.9	42.4	63.6	75.0	73.0	83.2	99.0	..	..
Germany	41.9	42.4	51.9	45.7	50.0	70.0	79.7	78.0	..	..	..	..
Greece**	..	..	..	..	..	..	..	..	..	..	..	..
Hungary**	c	c	c	c	c	c	c	c	c	c	c	c
Ireland	30.9	30.3	35.4	37.5	35.5	67.2	70.1	61.3	83.4	104.5	91.1	..
Italy	c	c	c	c	c	c	c	c	c	c	c	c
Japan	44.4	40.9	42.7	39.6	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	47.6	55.1	51.6	60.3	68.2	77.8	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico***	28.8	31.8	33.9	33.7	32.1	37.1	41.0	42.3	45.9	50.4	52.1	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	29.1	28.2	31.4	32.2	36.2	40.0	47.5	51.4	57.7	64.6	76.6	..
Portugal	31.5	30.2	38.6	32.3	38.4	57.5	67.6	58.3	76.4	87.8	126.3	..
Slovak Republic**	17.9	..	..	..	..	..	..	..	..	..	..	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey**	15.4	14.4	10.3	15.2	19.0	25.9	25.2	24.8	27.7	30.6	32.8	..
United Kingdom	47.0	44.4	46.5	44.5	45.9	59.7	65.6	70.1	82.3	97.8	..	..
United States	27.8	27.5	28.2	28.7	29.1	30.9	35.3	38.8	40.6	41.1	42.5	..
OECD Europe	33.6	32.8	36.9	35.6	..	..	..	..	..	..	..	..
Total OECD	29.8	29.1	30.6	30.7	31.6	36.5	41.3	44.1	46.2	48.6	..	..

\* Prices for 2Q2008 are preliminary.

\*\* Brown coal price for the Czech Republic, Greece, Hungary, Slovak Republic (from 2002 onwards) and Turkey.

\*\*\* Sub-bituminous coal for Mexico.



**Table 20**  
**Coking Coal Prices for Industry in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	49.3	47.2	54.0	..	..	..	..	..	..	..	..	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	52.7	47.1	51.4	61.0	c	c	c	c	c	c	c	c
Denmark	x	x	x	x	x	x	x	x	x	x	x	x
Finland	105.9	99.8	105.1	109.8	126.0	158.6	196.6	203.2	225.8	233.4	283.5	..
France	49.4	47.3	52.5	60.4	62.1	74.9	110.6	134.2	124.8	128.4	..	..
Germany	c	c	c	c	c	c	c	c	c	c	c	c
Greece	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	c	c	c	c	c	c	c	c	c	c	c	c
Ireland	x	x	x	x	x	x	x	x	x	x	x	x
Italy	50.1	50.6	55.3	57.8	60.3	75.6	103.5	112.2	117.9	127.2	..	..
Japan	46.5	42.4	44.0	45.8	45.8	65.0	97.5	100.7	95.5	97.1	103.2	..
Korea	..	..	..	..	..	68.5	109.9	113.3	103.9	104.7	104.8	..
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	38.6	39.0	46.8	47.8	52.4	96.1	115.4	95.2	111.9	130.5	184.6	..
Portugal	31.7	31.7	38.8	32.6	38.7	..	..	..	..	..	..	..
Slovak Republic	..	..	..	..	..	..	..	..	..	..	..	..
Spain	c	c	c	c	c	c	c	c	c	c	c	c
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	61.8	69.9	62.5	75.2	80.5	103.5	129.1	140.8	174.7	191.8	196.8	..
United Kingdom	..	..	..	..	..	..	..	..	..	..	..	..
United States	50.6	49.0	51.3	56.5	55.9	67.8	92.4	102.8	105.3	107.9	111.6	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 21**  
**Electricity Prices for Industry in US Dollars/kWh**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	0.050	0.045	0.044	0.049	0.054	0.061	..	..	..	..	..	..
Austria	0.057	0.038	..	..	..	0.096	0.102	0.109	0.134	0.141	..	..
Belgium	0.055	0.048	..	..	..	..	..	..	..	..	..	..
Canada	0.038	0.038	0.042	0.039	0.047	0.049	0.055	..	..	..	..	..
Czech Rep.	0.048	0.043	0.043	0.049	0.056	0.066	0.081	0.094	0.115	0.129	0.152	..
Denmark	0.066	0.058	0.060	0.070	0.092	0.096	..	..	..	..	..	..
Finland	0.046	0.039	0.038	0.043	0.065	0.072	0.070	..	0.081	0.090	0.096	..
France	0.044	0.036	0.035	0.037	0.045	0.050	0.050	0.051	0.056	0.059	0.061	0.064
Germany	0.057	0.041	0.044	0.049	0.065	0.077	0.084	0.094	..	..	..	..
Greece	0.050	0.042	0.043	0.046	0.056	0.063	0.067	..	..	..	..	..
Hungary	0.055	0.049	0.051	0.059	0.078	0.092	0.096	0.105	0.134	0.142	0.159	0.181
Ireland	0.057	0.049	0.060	0.075	0.094	0.096	0.099	0.122	0.149	0.163	0.182	..
Italy	0.086	0.089	0.107	0.113	0.147	0.161	0.174	0.210	0.237	0.255	..	..
Japan	0.143	0.143	0.127	0.115	0.122	0.127	0.123	0.117	..	..	..	..
Korea	0.046	0.052	0.048	0.047	0.051	0.053	0.059	0.065	0.069	0.070	0.068	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	0.042	0.051	0.053	0.056	0.062	0.077	0.088	0.099	0.102	0.111	0.112	..
Netherlands	0.061	0.057	0.059	c	c	c	c	c	c	c	c	c
New Zealand	0.033	0.028	0.027	0.033	0.046	0.051	0.061	0.060	0.068	0.073	0.077	..
Norway	..	0.019	0.025	0.031	0.046	0.043	0.043	0.055	0.048	0.067	0.065	..
Poland	0.037	0.037	0.045	0.049	0.056	0.060	0.070	0.073	0.082	0.092	0.115	..
Portugal	0.078	0.067	0.066	0.068	0.083	0.093	0.098	0.110	0.128	0.136	0.142	..
Slovak Republic	0.041	0.042	0.043	0.047	0.070	0.083	0.086	0.098	0.137	0.148	0.171	..
Spain	0.049	0.043	0.041	0.048	0.054	0.060	0.083	0.091	0.090	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	0.090	0.069	0.068	0.070	0.079	0.084	0.081	0.080	0.084	0.088	0.094	..
Turkey	0.079	0.080	0.079	0.094	0.099	0.100	0.106	0.100	0.109	0.119	0.132	..
United Kingdom	0.064	0.055	0.051	0.052	0.055	0.067	0.087	0.117	0.130	0.134	..	..
United States**	0.039	0.046	0.050	0.048	0.051	0.053	0.057	0.062	0.064	0.063	0.063	..
OECD Europe	0.060	0.050	0.054	0.059	0.073	0.082	0.091	0.106	..	..	..	..
Total OECD	0.059	0.059	0.060	0.059	0.068	0.073	0.079	0.088	..	..	..	..

\* Prices for 2Q2008 are preliminary.

\*\* Price excluding tax for the United States.

**Table 22**  
**Electricity Prices for Households in US Dollars/kWh**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	0.070	0.063	0.063	0.067	0.082	0.098	..	..	..	..	..	..
Austria	0.134	0.118	0.119	0.130	0.152	0.177	0.174	0.174	0.214	0.226	..	..
Belgium	0.152	0.132	..	..	..	..	..	..	..	..	..	..
Canada	0.055	0.053	0.053	0.054	0.061	0.068	0.076	..	..	..	..	..
Czech Rep.	0.051	0.054	0.060	0.076	0.085	0.097	0.106	0.122	0.146	0.160	0.192	..
Denmark	0.207	0.197	0.195	0.209	0.256	0.283	0.295	0.322	0.344	0.382	..	..
Finland	0.091	0.078	0.077	0.085	0.112	0.123	0.121	0.128	0.145	0.155	0.172	..
France	0.121	0.102	0.098	0.105	0.127	0.142	0.142	0.144	0.158	0.168	0.175	0.181
Germany	0.151	0.121	0.124	0.136	0.176	0.198	0.212	0.222	..	..	..	..
Greece	0.090	0.071	0.070	0.077	0.096	0.107	0.112	..	..	..	..	..
Hungary	0.073	0.065	0.068	0.080	0.102	0.134	0.146	0.144	0.188	0.201	0.256	0.277
Ireland	0.117	0.101	0.094	0.107	0.146	0.173	0.199	0.199	0.244	0.248	0.248	..
Italy	0.147	0.135	0.148	0.156	0.186	0.191	0.198	0.226	0.258	0.272	..	..
Japan	0.213	0.214	0.188	0.174	0.186	0.196	0.189	0.178	..	..	..	..
Korea	0.081	0.084	0.071	0.070	0.074	0.079	0.089	0.098	0.102	0.100	0.096	..
Luxembourg	0.118	0.099	0.098	0.112	0.143	0.147	0.187	0.183	0.231	..	..	..
Mexico	0.059	0.068	0.075	0.092	0.091	0.090	0.097	0.101	0.093	0.095	0.108	..
Netherlands	0.132	0.131	0.145	0.155	0.194	0.221	0.236	0.258	0.285	0.300	0.243	..
New Zealand	0.070	0.060	0.059	0.071	0.095	0.120	0.136	0.133	0.161	0.170	0.178	..
Norway	0.063	0.058	0.073	0.081	0.124	0.117	0.122	0.156	0.132	0.151	0.175	..
Poland	0.065	0.065	0.079	0.084	0.095	0.103	0.121	0.132	0.151	0.165	0.179	..
Portugal	0.141	0.120	0.118	0.127	0.156	0.175	0.180	0.184	0.213	0.226	0.235	..
Slovak Republic	0.035	0.050	0.063	0.067	0.104	0.134	0.141	0.155	0.188	0.193	0.201	..
Spain	0.141	0.117	0.109	0.114	0.137	0.152	0.154	0.165	0.187	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	0.131	0.111	0.109	0.117	0.133	0.142	0.139	0.132	0.136	0.143	0.156	..
Turkey	0.084	0.084	0.084	0.099	0.106	0.111	0.118	0.111	0.122	0.134	0.158	..
United Kingdom	0.117	0.107	0.101	0.105	0.116	0.138	0.149	0.186	0.219	0.219	0.227	..
United States**	0.082	0.082	0.085	0.085	0.087	0.090	0.094	0.104	0.106	0.106	0.103	..
OECD Europe	0.123	0.107	0.107	0.115	0.141	0.156	0.164	0.179	..	..	..	..
Total OECD	0.106	0.101	0.099	0.100	0.111	0.119	0.125	0.136	..	..	..	..

\* Prices for 2Q2008 are preliminary.

\*\* Price excluding tax for the United States.



**E. ENERGY END-USE PRICES**  
**IN US DOLLARS/toe**  
**(converted using exchange rates)**

**Table 1**  
**High Sulphur Fuel Oil Prices for Industry in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	141.1	185.4	159.1	164.5	x	x	x	x	x	x	x	x
Canada	119.2	190.0	171.7	186.6	220.1	233.6	312.2	345.8	416.4	515.2	545.3	..
Czech Republic	79.0	116.9	131.3	146.3	154.0	174.9	217.4	303.3	299.5	396.4	445.5	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..
France	127.0	183.6	158.3	180.1	214.6	222.0	310.4	368.0	418.3	530.3	562.9	627.5
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	..	252.3	262.0	343.0	..	..	..	..	..
Hungary	101.0	137.0	135.5	171.8	..	..	..	..	..	..	..	..
Ireland	177.8	240.3	211.8	261.4	318.9	347.5	441.5	525.6	467.0	429.2	469.6	..
Italy	187.9	230.1	205.9	229.9	..	..	..	..	..	..	..	..
Japan	177.0	233.6	226.2	209.9	247.8	279.0	364.9	474.8	497.0	605.0	723.4	797.6
Korea	225.1	299.4	276.1	298.7	327.7	368.7	472.3	589.6	599.7	672.8	711.0	..
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	78.7	123.3	107.6	118.3	138.1	143.0	178.5	252.0	255.8	321.9	379.1	..
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	176.8	266.6	187.1	205.6	221.4	274.6	391.6	441.2	455.6	598.7	469.7	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	74.4	115.1	107.7	133.8	163.3	177.2	259.8	314.9	361.6	461.5	470.6	..
Portugal	161.2	230.5	222.6	232.5	x	x	x	x	x	x	x	x
Slovak Republic	76.6	..	x	x	x	x	x	x	x	x	x	x
Spain	153.8	198.3	171.2	196.3	245.6	..	..	..	..	..	..	..
Sweden	x	x	x	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	181.2	214.7	188.8	275.9	317.0	360.6	567.9	667.8	818.8	1004.0	1020.8	..
United Kingdom	152.5	194.1	179.8	205.7	x	x	x	x	x	x	x	x
United States	106.8	169.0	148.3	158.8	196.0	206.8	296.3	342.9	387.7	488.7	519.5	..
OECD Europe	157.9	..	..	..	..	..	..	..	..	..	..	..
Total OECD	162.3	213.0	192.3	213.8	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 2**  
**Low Sulphur Fuel Oil Prices for Industry in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	161.4	183.1	169.9	184.4	233.9	276.9	368.7	436.6	494.7	623.1	689.9	752.2
Belgium	115.3	168.2	144.1	156.7	223.3	220.1	315.1	359.5	414.0	550.5	596.3	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	135.2	157.1	176.8	201.6	258.5	348.2	354.7	434.6	503.1	..
Denmark	178.7	232.8	217.6	245.4	319.7	293.7	400.4	450.6	505.3	598.8	638.6	..
Finland	196.2	245.9	212.7	229.7	284.1	305.8	409.7	460.4	514.6	637.7	692.9	..
France	140.8	200.5	174.5	193.6	234.0	238.5	332.2	382.1	432.6	548.2	586.3	665.5
Germany	126.7	176.7	153.6	176.1	214.8	221.6	309.1	378.9	402.0	506.7	559.8	..
Greece	184.8	243.1	219.8	218.0	277.7	289.5	373.9	..	..	..	..	..
Hungary	112.1	142.4	159.0	191.2	231.4	..	347.7	405.6	463.3	563.2	616.6	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	165.2	221.7	188.0	207.9	274.5	300.5	398.2	445.3	493.1	607.5	657.4	..
Japan	265.6	314.3	289.0	271.0	323.4	376.5	488.8	587.5	597.8	710.0	840.0	933.6
Korea	234.9	309.4	285.9	307.6	337.8	379.4	466.9	610.7	623.9	704.0	741.0	..
Luxembourg	132.6	186.6	161.2	174.6	223.0	217.8	..	..	..	..	..	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	180.3	223.6	200.7	212.6	272.6	285.0	364.9	422.8	462.8	577.9	668.1	649.0
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	311.6	355.9	406.4	457.6	..	..	..	..	..	..	..	..
Poland	..	..	..	..	..	202.1	304.4	377.2	437.1	548.3	606.4	..
Portugal	174.5	243.1	235.2	242.6	299.4	308.8	403.7	504.8	612.2	750.3	800.4	..
Slovak Republic	x	..	116.8	134.2	179.8	210.6	232.2	310.8	349.2	396.3	451.9	..
Spain	178.4	241.9	211.5	235.5	288.0	291.6	397.7	461.3	493.1	588.4	657.2	702.7
Sweden	c	458.2	478.9	500.1	652.2	792.8	891.0	972.1	1080.0	1217.3	1354.0	1472.8
Switzerland	143.0	199.2	178.8	185.2	230.6	218.3	321.0	362.7	409.3	559.5	..	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	..	..	..	..	257.9	281.6	380.4	439.9	583.3	736.9	c	c
United States	..	..	..	..	..	..	..	..	..	..	..	..
OECD Europe	..	..	200.0	219.8	275.0	294.1	388.4	450.8	504.8	620.6	671.5	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 3**  
**Heavy Fuel Oil Prices for Electricity Generation in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	c	73.3	86.4	100.4	152.5	159.7	189.8	235.5	234.9	291.4	345.6	..
Belgium	141.1	185.4	159.1	164.5	x	x	x	x	x	x	x	x
Canada	..	125.1	120.5	122.7	188.0	147.4	206.7	..	..	..	..	..
Czech Republic	79.0	116.9	131.3	146.3	154.0	174.9	217.4	303.3	299.5	396.4	445.5	..
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	132.7	191.0	159.4	173.6	214.0	228.7	332.6	382.5	429.5	547.7	587.5	..
France	..	..	..	..	..	..	..	..	..	..	..	..
Germany	132.2	170.7	145.2	160.2	203.5	206.4	293.8	361.3	380.1	481.7	541.9	..
Greece	184.8	..	..	..	..	..	..	..	..	..	..	..
Hungary	73.9	150.6	138.5	164.7	..	..	..	..	..	..	..	..
Ireland	94.0	148.2	161.0	157.5	197.9	215.0	300.2	362.0	357.8	490.3	532.8	..
Italy	c	c	c	c	c	c	c	c	c	c	c	c
Japan	..	..	..	..	..	..	..	..	..	..	..	..
Korea	225.1	299.4	276.1	298.7	327.7	368.7	..	..	..	..	..	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	77.7	123.1	107.8	116.7	137.1	142.1	175.5	249.7	249.0	308.8	378.3	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	74.4	115.1	107.6	133.8	163.3	177.2	259.8	314.9	361.6	461.5	470.6	..
Portugal	80.7	154.9	122.9	149.2	188.9	192.2	226.9	323.9	366.9	512.7	533.8	..
Slovak Republic	76.6	..	x	x	x	x	x	x	x	x	x	x
Spain	178.4	241.9	211.5	235.5	287.6	..	..	..	..	..	..	..
Sweden	97.3	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	181.2	214.7	188.8	275.9	317.0	360.6	567.9	667.8	818.8	1004.0	1020.8	..
United Kingdom	136.1	183.6	166.4	190.3	256.6	263.5	389.6	432.7	461.9	521.0	..	..
United States	100.0	178.9	156.2	154.1	200.0	203.8	293.3	327.1	352.1	448.8	490.3	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.



**Table 4**  
**Light Fuel Oil Prices for Industry in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	397.2	496.4	602.6	701.2	747.3	872.0	978.6	..
Belgium	206.7	310.3	282.8	261.9	342.2	450.8	621.2	694.6	764.9	926.6	1034.0	..
Canada	169.2	283.0	241.4	232.1	289.8	374.8	536.1	599.5	676.1	841.3	932.4	..
Czech Republic	268.0	346.4	277.9	263.4	325.1	483.2	654.7	706.9	738.2	915.9	1025.9	..
Denmark	343.6	433.8	404.6	415.0	518.1	615.5	782.0	851.6	937.4	1111.6	1209.1	..
Finland	291.9	376.2	338.2	325.5	417.0	519.6	682.0	760.8	820.9	971.0	1138.2	..
France	289.4	376.2	308.9	305.8	389.4	499.4	660.0	741.2	810.5	983.6	1093.2	..
Germany	266.6	365.9	324.4	321.1	387.9	472.1	630.7	713.0	763.4	926.3	1026.9	..
Greece	357.8	464.8	443.1	410.9	543.0	680.4	855.4	..	..	..	..	..
Hungary	653.2	709.5	678.2	820.2	1092.4	..	..	..	..	..	..	..
Ireland	279.3	373.2	347.5	365.6	452.7	541.9	703.8	808.3	887.8	1044.9	1191.5	..
Italy	772.8	775.4	721.5	772.4	944.0	1109.5	1279.6	1378.4	1503.1	1698.0	1839.6	..
Japan	292.6	346.2	317.0	293.9	342.1	406.1	530.8	601.8	614.7	722.6	859.1	..
Korea	531.1	682.3	630.0	626.5	761.0	937.9	1208.9	1388.0	1430.1	1599.3	1496.8	..
Luxembourg	252.3	347.1	308.3	302.0	376.9	479.4	637.9	713.5	784.3	947.5	1044.3	..
Mexico	101.0	155.2	139.2	159.4	189.2	208.0	278.8	336.7	358.9	447.4	496.9	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	230.8	279.8	272.2	286.1	316.9	358.3	446.5	525.5	542.5	636.2	650.3	..
Norway	465.5	529.9	528.6	556.1	709.1	791.2	1007.6	953.1	1047.0	1226.0	1428.1	..
Poland	217.7	322.9	304.2	306.5	371.8	469.4	674.6	768.4	843.4	1033.0	1133.3	..
Portugal	..	..	..	..	..	..	..	..	..	..	..	..
Slovak Republic	130.7	168.2	216.9	250.0	320.0	368.7	560.3	679.2	700.6	831.6	950.9	..
Spain	298.6	381.8	340.5	339.4	425.9	523.3	671.8	752.7	826.0	994.8	1116.5	1297.0
Sweden	253.3	351.0	311.8	307.1	387.9	479.2	628.2	701.8	765.0	919.9	1019.4	..
Switzerland	187.0	294.0	263.5	243.5	307.3	394.5	553.6	634.5	670.5	812.3	937.9	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	218.2	301.2	290.2	290.2	360.8	456.1	582.5	714.1	790.6	954.6	..	..
United States	151.4	254.9	222.4	205.0	260.1	333.0	478.9	542.6	610.3	738.7	802.2	..
OECD Europe	306.3	393.6	347.8	363.4	439.2	536.0	686.3	773.2	842.2	1007.1	1137.2	..
Total OECD	241.1	326.8	287.2	281.8	350.0	421.9	567.0	640.3	697.0	835.3	918.5	..

\* Prices for 2Q2008 are preliminary.

**Table 5**  
**Light Fuel Oil Prices for Households in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	363.4	476.3	426.4	414.7	511.9	682.2	872.1	988.1	1047.1	1243.9	1364.5	1648.1
Belgium	250.1	375.5	342.2	316.9	412.0	554.4	751.7	840.4	925.5	1121.2	1251.1	..
Canada	306.6	300.7	404.3	367.9	473.7	562.1	749.9	842.5	919.5	1079.4	1189.4	..
Czech Republic	385.4	476.4	393.7	384.9	470.4	661.5	864.5	931.7	979.3	1200.6	1340.7	..
Denmark	767.4	790.0	776.4	804.3	992.8	1148.3	1362.6	1453.0	1595.9	1838.2	1975.2	..
Finland	356.1	459.0	412.6	397.1	508.7	633.9	832.0	928.2	1001.5	1184.7	1388.6	..
France	407.6	496.3	418.6	402.2	515.6	657.7	847.5	954.4	1037.7	1244.8	1399.5	1609.7
Germany	309.2	424.5	376.3	372.5	450.0	547.6	731.6	827.1	908.4	1102.3	1222.0	..
Greece	422.2	548.5	522.8	484.9	640.8	802.8	1009.4	..	..	..	..	..
Hungary	x	x	x	x	x	x	x	x	x	x	x	x
Ireland	406.1	499.2	468.2	475.3	604.2	735.5	919.2	1039.1	1140.4	1326.5	1498.7	..
Italy	927.3	930.5	865.8	926.9	1132.8	1331.4	1535.5	1654.0	1803.7	2037.6	2207.5	..
Japan	449.6	528.7	494.9	439.4	498.3	575.0	700.0	825.6	814.0	963.2	1111.0	..
Korea	586.0	701.0	636.9	627.6	759.5	930.1	1203.4	1383.8	1419.8	1590.9	1501.9	..
Luxembourg	264.0	372.8	329.7	321.7	402.1	523.0	696.7	781.1	858.8	1040.5	1148.0	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	494.1	608.6	642.7	635.1	799.0	966.5	1188.8	1303.3	1434.9	1624.5	1776.2	..
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..
Norway	609.3	681.2	693.6	755.2	900.5	1004.7	1289.9	1220.1	1340.3	1569.4	1828.1	..
Poland	305.5	450.5	440.8	430.8	503.1	621.3	876.4	1006.6	1092.9	1299.3	1447.1	..
Portugal	..	..	..	..	..	723.8	885.3	984.8	1159.7	1366.5	1564.1	..
Slovak Republic	386.7	408.8	452.6	282.2	385.2	..	..	..	..	..	..	..
Spain	346.3	442.9	395.0	393.7	494.1	607.0	779.3	873.2	958.2	1154.0	1295.2	1504.6
Sweden	584.3	677.1	664.2	741.1	983.7	1226.6	1413.7	1523.9	1698.6	1923.3	2140.9	..
Switzerland	233.8	344.0	314.3	300.1	373.4	464.1	643.6	721.5	768.3	936.9	1084.2	..
Turkey	715.0	831.3	755.4	857.6	1040.8	1173.9	1641.0	1780.4	2033.5	2360.2	2465.6	..
United Kingdom	258.7	374.5	316.9	274.8	349.3	462.8	640.8	776.9	921.2	1105.6	1205.3	..
United States	283.1	399.8	385.4	352.1	414.0	465.4	618.6	713.2	780.3	934.8	1015.3	..
OECD Europe	398.8	491.8	441.7	438.6	536.5	667.6	857.9	945.4	1032.3	1231.5	1369.9	..
Total OECD	378.5	474.1	440.1	422.7	506.9	609.4	785.0	879.3	945.9	1125.0	1242.7	..

\* Prices for 2Q2008 are preliminary.

**Table 6**  
**Automotive Diesel Oil Prices for Commercial Use in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	649.2	688.0	641.5	649.9	747.3	858.6	931.3	1023.2	1142.8	1333.3	1451.2	..
Belgium	625.7	676.4	632.6	634.3	793.4	1023.0	1200.2	1257.0	1391.3	1594.7	1685.2	..
Canada	409.8	515.2	500.0	455.8	553.4	652.8	859.3	955.0	1034.6	1209.4	1282.4	..
Czech Republic	524.3	610.9	605.6	634.2	743.8	942.8	1139.8	1255.6	1386.2	1646.0	1798.2	..
Denmark	749.0	816.2	776.5	801.1	959.2	1059.4	1189.1	1280.1	1410.9	1616.1	1722.6	..
Finland	668.8	721.7	674.9	680.9	840.4	970.0	1108.3	1181.3	1284.6	1469.0	1703.7	..
France	694.1	743.0	682.8	694.8	856.7	1051.1	1214.4	1294.1	1429.7	1625.6	1768.5	1976.8
Germany	683.1	738.7	736.2	791.5	1001.3	1164.2	1325.6	1401.5	1560.3	1790.3	1903.7	..
Greece	533.6	591.7	540.4	557.8	684.9	875.0	1034.1	..	..	..	..	..
Hungary	661.4	718.5	686.7	736.2	882.4	1018.8	1209.1	1268.2	1410.4	1587.9	1720.2	..
Ireland	692.7	712.4	686.5	677.7	842.9	1016.0	1200.2	1275.7	1372.4	1514.2	1662.3	..
Italy	787.2	797.2	754.3	782.3	961.5	1130.8	1335.4	1418.2	1545.2	1754.6	1894.5	..
Japan	597.1	649.1	593.7	564.6	631.6	728.9	836.5	894.5	917.7	1029.1	1167.4	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	564.7	621.3	574.1	581.3	704.5	837.4	1023.0	1124.9	1251.2	1437.7	1565.6	..
Mexico	370.1	416.2	455.3	463.8	430.6	424.5	452.9	470.0	504.3	514.1	520.4	..
Netherlands	726.4	762.2	709.5	719.7	868.2	1078.8	1228.7	1318.2	1453.2	1651.7	1786.9	..
New Zealand	277.0	347.2	317.4	314.1	379.0	508.1	666.4	771.5	807.1	950.7	1040.8	..
Norway	973.8	1027.7	871.0	924.7	1073.6	1167.0	1374.5	1434.7	1587.4	1818.4	1978.0	..
Poland	440.0	559.0	592.3	600.8	693.3	825.0	1082.4	1169.6	1294.8	1532.1	1625.2	..
Portugal	625.7	645.8	641.8	647.3	851.7	1038.7	1230.8	1381.2	1560.7	1773.8	1924.7	..
Slovak Republic	606.5	637.6	589.1	577.3	775.8	1009.0	1165.0	1289.8	1471.1	1671.5	1803.8	..
Spain	582.7	621.3	600.5	629.0	759.1	908.5	1074.6	1150.3	1270.4	1442.6	1580.9	1785.5
Sweden	723.4	828.7	751.9	775.5	902.8	1045.6	1245.3	1357.2	1463.9	1625.9	1810.8	..
Switzerland	784.1	834.6	798.4	822.1	983.3	1148.7	1306.6	1383.4	1466.6	1658.4	1808.7	..
Turkey	642.1	790.2	678.7	824.2	1053.9	1227.1	1658.3	1767.4	2013.0	2366.2	2477.7	..
United Kingdom	1141.6	1197.0	1091.5	1101.0	1238.7	1459.6	1607.0	1705.6	1884.3	2062.4	2118.6	..
United States	349.7	464.9	437.1	410.1	468.7	562.4	746.3	841.1	897.0	1018.1	1097.3	..
OECD Europe	725.9	776.2	730.5	757.9	918.1	1092.4	1270.0	1358.0	1501.1	1706.0	1830.2	..
Total OECD	560.4	634.9	599.8	601.0	705.9	843.9	1013.2	1097.6	1194.9	1355.6	1459.6	..

\* Prices for 2Q2008 are preliminary.

**Table 7**  
**Automotive Diesel Oil Prices for Non-Commercial Use in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	536.7	609.9	550.5	551.7	696.1	867.0	1075.1	1194.2	1287.8	1467.7	1572.3	..
Austria	779.1	824.8	770.2	779.5	944.9	1155.9	1354.5	1455.6	1630.5	1915.1	2006.2	2343.9
Belgium	765.7	839.8	785.5	768.7	959.7	1229.5	1451.4	1520.9	1683.7	1929.6	2039.1	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	639.6	745.1	739.2	773.9	907.5	1128.9	1356.4	1494.2	1649.5	1958.8	2139.8	..
Denmark	935.6	1019.7	971.3	1002.1	1199.8	1324.9	1486.4	1600.9	1764.2	2021.0	2154.3	..
Finland	816.0	880.1	823.7	829.1	1025.7	1183.5	1352.2	1441.2	1567.2	1792.1	2078.5	..
France	837.8	890.5	817.9	830.9	1024.7	1257.0	1453.1	1548.0	1709.6	1943.8	2115.3	2362.5
Germany	788.1	856.3	853.6	918.3	1161.2	1350.1	1534.5	1624.1	1857.4	2134.9	2266.2	..
Greece	630.0	698.9	637.7	658.6	808.2	1032.8	1219.8	..	..	..	..	..
Hungary	826.8	898.1	858.4	920.2	1103.0	1271.6	1500.5	1521.9	1692.5	1905.5	2064.2	..
Ireland	837.5	871.9	824.7	819.6	1020.6	1230.9	1451.4	1543.5	1661.6	1836.2	2010.1	..
Italy	944.7	957.0	905.6	939.2	1153.6	1356.4	1602.5	1701.6	1854.5	2105.5	2274.2	..
Japan	776.8	846.9	781.1	742.1	819.2	915.2	1023.1	1090.6	1134.1	1274.5	1413.0	..
Korea	518.7	639.2	589.5	639.2	770.3	935.1	1241.4	1512.3	1613.4	1783.2	1814.1	..
Luxembourg	649.7	713.4	660.2	669.2	809.9	963.0	1176.5	1294.0	1439.0	1654.3	1799.7	..
Mexico	424.3	477.1	522.0	531.7	493.4	486.3	518.8	538.4	576.7	588.9	595.7	..
Netherlands	853.8	895.8	844.4	856.4	1033.2	1270.2	1462.1	1568.6	1729.3	1965.5	2126.4	..
New Zealand	311.6	390.6	357.1	353.4	426.3	571.5	749.7	867.9	908.0	1069.5	1170.8	..
Norway	1198.4	1264.1	1080.0	1153.3	1331.6	1447.1	1714.6	1793.3	1985.0	2273.0	2472.5	..
Poland	536.9	681.9	722.5	733.1	845.7	1006.4	1320.6	1427.0	1579.7	1869.2	1982.7	..
Portugal	674.9	695.8	691.4	701.7	924.8	1128.5	1343.1	1512.4	1709.0	1942.3	2107.6	..
Slovak Republic	746.1	784.3	724.7	710.0	931.0	1200.5	1386.5	1534.7	1750.6	1989.2	2146.8	..
Spain	676.0	719.6	697.0	729.6	881.0	1053.7	1246.3	1334.9	1472.8	1672.2	1833.6	2071.6
Sweden	904.5	1035.8	939.8	969.4	1128.5	1307.0	1556.6	1696.6	1829.9	2032.4	2263.4	..
Switzerland	950.9	984.5	960.3	992.1	1169.2	1346.1	1521.1	1606.8	1704.3	1907.0	2099.2	..
Turkey	642.1	790.2	678.7	824.2	1053.9	1227.1	1658.3	1767.4	2013.0	2366.2	2477.7	..
United Kingdom	1341.4	1406.3	1283.5	1294.3	1455.4	1715.1	1889.7	2004.7	2213.6	2422.4	2489.0	..
United States	349.7	464.9	437.1	410.1	468.7	562.4	746.3	841.1	897.0	1018.1	1097.3	..
OECD Europe	856.5	914.8	861.8	892.2	1080.9	1287.0	1499.1	1602.0	1777.1	2020.0	2165.6	..
Total OECD	645.9	725.6	684.7	688.5	807.9	966.5	1157.6	1257.2	1372.6	1554.6	1667.3	..

\* Prices for 2Q2008 are preliminary.

**Table 8**  
**Premium Leaded/Lead Replacement Gasoline Prices in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	567.9	633.8	557.6	577.7	720.0	..	..	..	..	..	..	..
Austria	x	x	x	x	x	x	x	x	x	x	x	x
Belgium	1301.6	1282.4	1215.2	1247.2	x	x	x	x	x	x	x	x
Canada	x	x	x	x	x	x	x	x	x	x	x	x
Czech Republic	876.4	969.4	x	x	x	x	x	x	x	x	x	x
Denmark	x	x	x	x	x	x	x	x	x	x	x	x
Finland	x	x	x	x	x	x	x	x	x	x	x	x
France	1319.3	1331.2	1243.2	1277.3	1534.4	1763.4	1951.0	2105.7	..	..	..	..
Germany	x	x	x	x	x	x	x	x	x	x	x	x
Greece	893.2	908.6	845.9	884.9	1067.0	1294.3	1397.0	..	..	..	..	..
Hungary	..	..	x	x	x	x	x	x	x	x	x	x
Ireland	1136.4	1144.6	x	x	x	x	x	x	x	x	x	x
Italy	1348.7	1311.5	1233.2	x	x	x	x	x	x	x	x	x
Japan	x	x	x	x	x	x	x	x	x	x	x	x
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	x	x	x	x	x	x	x	x	x	x	x	x
Norway	1487.6	1521.5	1357.7	1435.1	1689.0	1896.2	2133.2	2237.1	2504.4	2745.9	2892.1	..
Poland	753.9	927.5	x	x	x	x	x	x	x	x	x	x
Portugal	..	..	..	..	..	1696.0	1870.0	2112.6	2381.0	2576.7	2711.7	..
Slovak Republic	..	x	x	x	x	x	x	x	x	x	x	x
Spain	940.0	965.8	926.3	983.1	1199.0	1398.4	1544.2	1670.9	..	x	x	x
Sweden	1262.7	1282.8	..	x	x	x	x	x	x	x	x	x
Switzerland	1080.8	x	x	x	x	x	x	x	x	x	x	x
Turkey	1050.6	1122.8	975.8	1181.4	1452.4	1663.0	2266.5	2315.9	2643.4	3000.5	3104.4	..
United Kingdom	1581.3	1625.8	1453.7	1461.3	1654.7	1959.0	..	..	..	..	..	..
United States	x	x	x	x	x	x	x	x	x	x	x	x
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 9**  
**Regular Unleaded Gasoline Prices in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	545.8	614.0	540.0	557.8	694.7	859.6	1022.1	1119.7	1219.5	1392.3	1489.1	..
Austria	1059.0	1064.6	996.2	1007.7	1213.7	1441.1	1572.7	1677.0	1883.9	2142.2	2262.6	2471.0
Belgium	x	x	x	x	x	x	x	x	x	x	x	x
Canada	479.8	587.4	544.9	536.5	630.8	748.7	913.5	1032.3	1136.0	1245.8	1292.9	..
Czech Republic	..	..	895.8	937.5	1100.6	1298.6	1481.6	1630.9	1814.0	2074.5	2248.2	..
Denmark	1227.4	1229.4	1173.1	1234.5	1488.6	1667.8	1792.3	1920.2	2131.8	2323.7	2442.4	..
Finland	x	x	x	x	x	x	x	x	x	x	x	x
France	x	x	x	x	x	x	x	x	x	x	x	x
Germany	1082.1	1092.2	1075.9	1160.9	1451.4	1659.6	1790.6	1907.8	2178.1	2379.0	2531.2	..
Greece	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	978.9	1033.3	986.0	1083.7	1279.6	x	x	x	x	x	x	x
Ireland	x	x	x	x	x	x	x	x	x	x	x	x
Italy	x	x	x	x	x	x	x	x	x	x	x	x
Japan	1034.1	1154.8	1034.5	996.0	1099.0	1245.0	1354.9	1415.6	1422.3	1592.3	1745.2	..
Korea	1401.7	1540.8	1385.1	1416.0	1517.4	1664.2	1946.8	2183.3	2291.0	2420.4	2420.9	..
Luxembourg	871.5	905.5	840.1	867.3	1050.6	1347.0	..	..	..	..	..	..
Mexico	606.6	681.8	745.3	758.0	689.6	688.7	750.5	781.9	814.3	832.3	840.6	..
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	591.8	637.8	577.7	625.2	801.2	1013.8	1220.9	1324.5	1500.7	1656.7	1779.7	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	x	x	x	x	x	x	x	x	x	x	x	x
Portugal	x	x	x	x	x	x	x	x	x	x	x	x
Slovak Republic	..	..	..	..	..	..	..	..	..	..	..	..
Spain	x	x	x	x	x	x	x	x	x	x	x	x
Sweden	x	x	x	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	x	x	x	x	x	x	x	x	x	x	x	x
United Kingdom	x	x	x	x	x	x	x	x	x	x	x	x
United States	359.5	469.7	449.5	425.6	494.2	586.3	718.7	813.2	885.9	939.3	982.4	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	503.6	604.0	574.9	558.7	640.0	739.6	867.0	960.0	1038.5	1116.4	1174.5	..

\* Prices for 2Q2008 are preliminary.

**Table 10**  
**Premium Unleaded (98 RON) Gasoline Prices in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	x	x	x	x	x	x	x	x	x	x	x	x
Austria	1141.3	1160.0	1097.7	1127.5	1351.7	1595.9	1756.9	1872.1	2109.3	2374.0	2417.2	2662.3
Belgium	1232.0	1289.7	1222.2	1253.4	1515.5	1826.2	2055.2	2179.3	2423.8	2686.4	2830.2	..
Canada	554.7	661.6	616.1	602.9	709.5	837.2	1009.4	1136.9	1246.4	1372.8	1416.9	..
Czech Republic	..	..	1006.1	1072.2	1277.7	1497.9	1682.2	1815.2	1983.0	2255.8	2440.2	..
Denmark	1261.7	1259.1	1201.9	1273.9	1537.4	1723.0	1861.6	1992.1	2208.6	2405.0	2526.9	..
Finland	1296.4	1278.8	1213.2	1242.2	1513.6	1740.0	1843.0	1976.8	2183.0	2354.1	2629.4	..
France	1269.5	1268.7	1172.5	1209.9	1450.5	1666.9	1848.0	1980.3	2216.1	2420.5	2592.0	..
Germany	1135.7	1149.6	1143.5	1228.7	1532.6	1748.9	1891.8	2029.5	2301.2	2497.1	2641.5	..
Greece	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	1043.5	1087.4	1039.2	1143.0	1370.8	1575.7	1715.1	1730.3	..	..	..	..
Ireland	1170.1	1160.6	..	..	..	..	..	..	..	..	..	..
Italy	..	..	..	..	..	..	..	..	..	..	..	..
Japan	x	x	x	x	x	x	x	x	x	x	x	x
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	902.1	956.3	901.6	926.0	1100.7	1385.7	1571.8	1659.7	1872.8	2035.2	2156.9	..
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	1376.0	1396.7	1349.9	1430.6	1716.6	2022.7	2191.7	2318.3	2616.7	2826.2	3000.0	..
New Zealand	x	x	x	x	x	x	x	x	x	x	x	x
Norway	1462.6	1481.3	1318.4	1390.8	1639.0	1837.5	2066.7	2182.1	2444.2	2679.8	2824.5	..
Poland	795.1	987.2	1063.4	1072.4	1186.2	1378.6	1656.9	1716.1	2039.6	2323.9	2412.6	..
Portugal	1115.0	1038.7	1064.9	1083.4	1442.9	1704.2	1886.6	2122.6	2411.6	2602.1	2764.6	..
Slovak Republic	800.8	937.7	860.3	890.8	1147.9	1451.0	1586.0	1754.9	2040.4	2223.8	2335.5	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	1267.2	1297.6	1128.4	1193.5	1450.5	1680.5	1818.6	1933.0	2112.1	2272.0	2421.0	..
Switzerland	1027.2	1077.6	1052.9	1093.2	1270.2	1457.3	1583.8	1689.2	1809.9	1978.0	2140.9	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	1698.7	1672.5	1510.9	1515.1	1684.4	1990.0	2150.5	2285.5	2542.9	2719.2	2784.3	..
United States	417.7	526.4	507.3	484.4	553.3	646.3	781.4	878.7	952.7	1010.5	1054.5	..
OECD Europe	1279.0	1294.1	1225.2	1274.1	1514.6	1756.7	1919.5	2047.7	2303.0	2502.2	2633.2	..
Total OECD	601.4	685.1	651.5	638.4	736.4	851.8	986.4	1090.8	1194.2	1279.6	1338.0	..

\* Prices for 2Q2008 are preliminary.

**Table 11**  
**Premium Unleaded (95 RON) Gasoline Prices in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	1198.2	1293.9	1469.7	1575.9	..
Austria	1080.2	1081.9	1008.5	1026.5	1240.5	1467.5	1600.6	1705.2	1913.2	2171.9	2272.3	2479.0
Belgium	1214.5	1216.4	1139.7	1165.3	1452.7	1790.1	2008.2	2144.2	2394.4	2654.2	2800.1	..
Canada	..	..	..	571.6	671.0	804.9	977.7	1097.8	1211.0	1339.9	1371.6	1546.1
Czech Republic	844.7	939.0	908.4	949.4	1114.1	1312.9	1502.7	1655.9	1837.6	2099.7	2283.0	..
Denmark	1237.7	1238.3	1181.6	1245.3	1496.6	1679.8	1804.3	1932.2	2145.0	2337.7	2456.8	..
Finland	1269.6	1253.4	1189.6	1214.0	1482.5	1698.3	1802.8	1936.0	2130.5	2288.1	2559.5	..
France	1257.6	1243.6	1148.1	1183.0	1422.7	1631.5	1785.3	1921.2	2158.2	2348.3	2529.8	2709.2
Germany	1115.2	1120.9	1098.4	1183.5	1479.8	1690.8	1820.3	1937.8	2201.0	2391.1	2531.2	..
Greece	830.8	861.9	808.8	830.0	1001.4	1208.6	1306.8	..	..	..	..	..
Hungary	995.0	1046.8	999.7	1098.8	1319.6	1503.9	1660.4	1679.1	1915.7	2082.9	2172.6	..
Ireland	957.0	987.3	953.6	965.5	1179.2	1418.5	1548.0	1679.3	1832.5	2008.7	2138.8	..
Italy	1291.2	1258.3	1190.6	1247.5	1512.7	1766.6	1913.7	2036.2	2245.6	2454.5	2613.3	..
Japan	..	..	..	..	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	883.0	914.4	852.4	872.9	1053.3	1347.0	1521.2	1626.6	1841.6	2002.2	2124.4	..
Mexico	668.8	757.6	834.9	851.9	786.4	810.2	878.1	922.6	995.0	1022.2	1041.6	..
Netherlands	1341.3	1341.2	1289.3	1352.6	1642.9	1951.0	2107.1	2226.4	2507.2	2704.0	2884.1	..
New Zealand	625.9	665.2	605.3	656.2	842.4	1064.3	1272.2	1377.6	1548.3	1717.9	1845.1	..
Norway	1419.5	1439.1	1277.1	1344.3	1586.5	1775.1	2010.9	2139.7	2389.6	2615.9	2775.0	..
Poland	752.8	924.4	985.3	1001.5	1104.5	1310.5	1580.5	1643.1	1949.9	2212.2	2292.8	..
Portugal	1068.5	998.4	1021.3	1032.8	1362.4	1603.3	1779.0	2005.4	2263.1	2442.7	2606.1	..
Slovak Republic	809.5	896.5	812.4	822.0	1058.7	1351.5	1486.7	1649.7	1907.4	2087.0	2213.8	..
Spain	893.2	904.4	865.6	919.2	1106.1	1293.4	1421.4	1533.4	1698.0	1858.0	1974.3	2150.1
Sweden	1208.8	1244.1	1095.3	1147.2	1394.9	1625.2	1756.7	1868.2	2065.2	2221.3	2378.6	..
Switzerland	999.6	1041.8	1006.0	1044.0	1225.3	1416.8	1539.4	1647.1	1762.8	1919.9	2078.5	..
Turkey	1045.0	1125.2	973.8	1177.6	1447.3	1656.6	2279.5	2341.7	2670.7	3031.0	3134.6	..
United Kingdom	1436.4	1530.8	1383.2	1391.7	1572.6	1860.1	1996.3	2129.3	2385.8	2589.7	2616.7	..
United States	390.5	499.0	479.0	455.7	524.9	617.4	750.2	846.2	919.8	975.2	1018.7	..
OECD Europe	1170.8	1196.8	1128.2	1179.0	1414.1	1645.7	1799.1	1937.9	2173.2	2373.4	2500.4	..
Total OECD	606.0	685.5	653.7	641.7	739.6	854.2	983.8	1084.2	1191.9	1281.3	1341.0	..

\* Prices for 2Q2008 are preliminary.



**Table 12**  
**Natural Gas Prices for Industry in US Dollars/toe (NCV basis)**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	160.6	..	..	..	..	..	..	..	..	..	..	..
Belgium	c	c	c	c	c	c	c	c	c	c	c	c
Canada	88.3	99.8	120.9	139.3	233.5	248.4	326.9	302.3	287.2	296.3	274.0	..
Czech Republic	158.7	164.0	173.2	192.9	226.1	241.6	325.0	446.9	435.2	493.8	605.9	..
Denmark	c	c	c	c	c	c	c	c	c	c	c	c
Finland	142.2	145.3	140.0	141.0	176.4	189.2	211.3	275.6	297.6	332.8	380.0	..
France	163.4	197.9	219.0	202.7	268.6	291.3	366.9	458.0	460.1	524.9	603.3	..
Germany	179.4	208.8	..	..	..	..	..	..	..	..	..	..
Greece	168.5	219.3	204.9	201.1	246.1	258.1	347.1	..	..	..	..	..
Hungary	149.9	121.8	136.8	159.7	261.9	319.7	384.1	501.3	649.1	703.2	721.1	820.7
Ireland	183.0	126.9	159.5	204.2	258.5	324.1	415.6	517.7	c	c	637.4	..
Italy	c	c	c	c	c	333.8	390.9	504.6	..	..	..	..
Japan	428.7	503.0	451.6	396.7	427.7	436.1	446.1	483.6	..	..	..	..
Korea	..	..	..	..	..	379.8	436.0	550.2	612.3	668.1	623.7	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	98.1	166.7	181.6	136.3	228.1	334.1	396.8	381.3	385.6	387.4	461.4	..
Netherlands	129.7	185.0	195.1	182.7	247.1	..	..	..	..	..	..	..
New Zealand	81.8	66.5	66.6	72.7	117.8	137.0	184.5	207.7	231.9	246.5	..	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	135.4	147.8	192.5	192.3	195.5	199.4	249.6	327.0	416.7	496.4	507.3	..
Portugal	..	..	..	264.6	319.6	317.6	378.2	443.3	476.4	484.8	575.8	..
Slovak Republic	118.5	112.7	118.4	147.6	245.1	270.0	319.3	421.0	466.9	514.2	583.7	..
Spain	146.0	194.9	195.5	183.9	226.7	239.6	282.4	394.3	422.5	455.2	497.2	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	238.9	247.7	329.4	310.2	355.9	391.4	447.3	541.9	640.6	662.4	798.1	..
Turkey	180.5	194.4	222.7	239.4	254.3	255.9	338.4	391.9	489.8	541.5	570.6	..
United Kingdom	114.3	116.3	156.0	162.7	183.0	225.1	332.0	426.4	369.8	440.4	..	..
United States	131.9	190.0	220.7	171.6	248.6	280.1	361.3	335.6	323.5	320.1	381.5	..
OECD Europe	152.2	177.1	..	..	..	..	..	..	..	..	..	..
Total OECD	136.6	181.1	204.2	173.8	244.5	281.5	356.0	373.3	356.7	371.1	..	..

\* Prices for 2Q2008 are preliminary.

**Table 13**  
**Natural Gas Prices for Electricity Generation in US Dollars/toe (NCV basis)**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	c	c	c	c	c	c	c	c	c	c	c	c
Canada	..	149.7	161.7	160.7	194.3	191.0	250.2	..	..	..	..	..
Czech Republic	158.7	162.5	168.5	187.4	219.8	..	..	..	..	..	..	..
Denmark	c	c	c	c	c	c	c	c	c	c	c	c
Finland	119.7	125.8	121.1	121.1	151.3	161.7	183.8	247.8	267.3	300.7	343.0	..
France	..	..	..	..	..	..	..	..	..	..	..	..
Germany	154.9	170.5	..	..	..	..	..	..	..	..	..	..
Greece	c	c	c	c	c	c	c	c	c	c	c	c
Hungary	149.3	111.0	172.8	209.8	240.9	279.3	317.7	435.4	549.0	582.4	613.9	698.7
Ireland	112.3	110.1	141.2	167.4	187.0	c	c	c	c	c	c	c
Italy	c	c	c	c	c	c	c	c	c	c	c	c
Japan	..	..	..	..	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	325.4	407.8	530.1	544.4	614.8	666.6	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	98.1	166.7	181.6	136.3	228.1	305.5	404.2	377.3	351.4	330.1	392.9	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	..	..	..	..	..	..	..	..
Portugal	..	..	..	..	215.7	268.9	324.3	394.5	412.7	453.0	499.0	..
Slovak Republic	118.5	112.7	118.1	146.5	245.1	270.0	319.3	421.0	466.9	514.2	583.7	..
Spain	133.1	183.3	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	175.9	187.2	219.0	238.2	247.7	253.3	334.7	388.2	487.6	536.4	565.6	..
United Kingdom	127.5	115.5	123.5	118.0	144.0	180.1	238.5	305.6	319.4	368.4	..	..
United States	113.4	192.1	195.9	156.1	236.8	261.9	362.1	305.1	312.6	316.5	373.2	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 14**  
**Natural Gas Prices for Households in US Dollars/toe (NCV basis)**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	436.7	387.1	409.5	421.4	656.2	762.5	810.6	872.2	1040.6	1090.0	1140.6	..
Belgium	425.2	453.0	..	..	..	..	..	..	..	..	..	..
Canada	236.0	221.6	326.7	262.4	377.7	401.6	477.2	535.3	542.6	701.6	495.5	..
Czech Republic	205.7	237.9	258.8	305.3	358.2	391.9	476.9	603.8	641.7	737.1	858.8	..
Denmark	727.3	817.0	788.0	800.1	994.6	1169.8	1391.8	..	..	..	..	..
Finland	173.5	177.2	245.6	224.0	278.9	299.7	331.2	391.4	426.2	473.0	539.5	..
France	430.7	386.1	447.4	472.9	579.5	604.8	656.1	785.4	873.1	923.7	1001.1	..
Germany	424.2	414.9	..	..	..	..	..	..	..	..	..	..
Greece	342.5	287.4	286.8	337.0	435.7	470.7	667.6	..	..	..	..	..
Hungary	205.6	173.7	166.6	195.3	270.6	249.5	272.4	331.6	683.7	699.7	743.8	852.2
Ireland	483.2	384.2	392.2	418.1	559.4	633.3	730.8	1018.9	1221.6	1001.2	1037.6	..
Italy	709.3	c	c	c	c	864.7	914.9	1040.7	..	..	..	..
Japan	1329.4	1437.9	1298.0	1207.1	1328.1	1412.8	1384.0	1376.0	..	..	..	..
Korea	..	..	..	..	..	504.8	586.6	712.7	792.2	855.6	791.7	..
Luxembourg	271.5	306.2	333.5	303.0	380.5	408.5	530.6	620.8	..	..	..	..
Mexico	..	..	..	..	..	606.6	702.1	691.3	701.6	711.7	797.4	..
Netherlands	409.9	399.3	446.0	507.9	669.4	758.4	889.3	999.6	1145.9	1175.8	1368.7	..
New Zealand	421.4	399.0	369.1	376.2	633.8	834.8	922.7	864.9	1381.3	1811.3	..	..
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	271.5	275.0	337.8	374.3	377.7	410.6	492.5	616.1	765.0	809.4	841.3	..
Portugal	..	..	..	723.5	882.2	1010.1	1070.6	1131.4	1194.4	1294.9	1373.4	..
Slovak Republic	86.5	120.3	128.1	139.7	254.3	390.7	465.6	615.0	729.8	780.8	845.3	..
Spain	533.9	546.0	564.4	552.1	660.2	714.7	760.7	841.0	964.3	1036.1	1086.6	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	458.0	457.0	545.0	549.6	625.0	681.0	745.2	850.5	963.1	999.7	1116.6	..
Turkey	251.0	288.1	269.6	283.0	294.8	289.1	402.3	461.6	577.2	636.8	644.5	..
United Kingdom	356.7	325.3	318.3	352.2	390.9	470.1	535.5	715.3	836.9	805.3	848.6	..
United States	285.7	357.2	410.1	337.6	406.1	458.6	546.8	586.8	555.0	540.0	540.7	..
OECD Europe	427.9	363.8	..	..	..	..	..	..	..	..	..	..
Total OECD	384.6	393.5	426.3	389.6	464.1	545.8	622.2	698.7	670.1	680.5	687.7	..

\* Prices for 2Q2008 are preliminary.

**Table 15**  
**Steam Coal Prices for Industry in US Dollars/ton**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	81.3	78.2	80.6	107.6	125.2	244.6	255.3	259.0	286.2	307.2	334.0	..
Belgium	..	..	..	..	..	..	..	..	..	..	..	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Rep. **	40.5	38.5	40.6	48.4	c	c	c	c	c	c	c	c
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	139.1	127.8	139.1	138.1	162.2	201.2	209.5	214.0	238.0	262.6	306.4	..
France	174.0	150.7	153.6	156.2	186.4	..	..	..	..	..	..	..
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	..	..	..	..	..	..	..	..	..	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..
Italy	54.1	62.1	72.7	67.2	68.7	103.0	118.9	112.1	139.7	168.1	..	..
Japan	67.8	65.3	71.0	69.0	64.7	96.0	116.1	116.9	129.7	140.1	159.0	..
Korea	70.8	83.3	73.1	75.7	83.5	82.7	95.4	87.3	107.6	115.1	135.1	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	66.7	69.2	77.5	71.7	81.0	93.5	110.1	116.7	140.4	157.1	177.7	..
Portugal	45.9	54.3	66.3	56.8	67.1	..	..	..	..	..	..	..
Slovak Republic	45.5	..	..	..	..	..	..	..	..	..	..	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	78.7	85.9	98.1	88.0	107.5	157.2	157.2	159.0	216.0	276.6	..	..
Turkey**	82.8	76.1	74.9	99.3	104.8	95.9	112.5	114.3	164.3	194.8	213.8	..
United Kingdom	89.9	84.7	91.0	92.9	100.5	123.9	142.4	141.8	161.7	169.8	..	..
United States	53.7	54.0	55.7	57.1	58.2	66.8	80.4	80.4	92.3	92.2	93.4	96.7
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	65.2	65.7	67.2	67.7	70.5	81.1	96.1	95.9	111.1	117.0	123.3	..

\* Prices for 2Q2008 are preliminary.

\*\* Brown coal price for the Czech Republic and Turkey.

**Table 16**  
**Steam Coal Prices for Electricity Generation in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	c	81.3	69.2	79.7	97.6	123.0	132.4	140.3	156.1	168.7	187.5	..
Belgium	56.6	61.4	70.7	64.6	67.3	135.7	150.5	118.5	141.5	159.9	210.8	..
Canada	..	29.3	30.4	31.5	34.5	33.3	40.2	..	..	..	..	..
Czech Rep. **	37.8	31.3	31.6	33.4	c	c	c	c	c	c	c	c
Denmark	..	..	..	..	..	..	..	..	..	..	..	..
Finland	64.7	63.4	76.6	72.3	79.3	110.0	118.3	121.9	137.4	156.3	181.2	..
France	61.6	60.0	72.9	69.1	68.4	102.3	120.8	117.5	134.0	159.5	..	..
Germany	60.6	61.3	75.0	66.1	72.3	101.2	115.3	112.7	..	..	..	..
Greece**	..	..	..	..	..	..	..	..	..	..	..	..
Hungary**	c	c	c	c	c	c	c	c	c	c	c	c
Ireland	49.8	48.9	57.1	60.5	57.4	108.6	113.2	98.9	134.7	168.7	147.0	..
Italy	c	c	c	c	c	c	c	c	c	c	c	c
Japan	79.7	73.5	76.6	71.1	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	72.2	83.5	78.2	91.4	103.4	117.8	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico***	62.9	69.6	74.2	73.7	70.2	81.2	89.6	92.6	100.4	110.2	113.9	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..
Poland	56.3	54.7	60.8	62.4	70.2	77.4	92.1	99.7	111.9	125.2	148.4	..
Portugal	51.6	49.5	63.2	52.9	62.9	94.2	110.7	95.5	125.2	143.8	206.9	..
Slovak Republic**	29.2	..	..	..	..	..	..	..	..	..	..	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey**	77.2	72.1	51.3	76.0	94.9	129.5	126.2	124.1	138.7	153.1	164.0	..
United Kingdom	83.2	78.5	82.2	78.7	81.3	105.7	116.0	124.0	145.6	173.1	..	..
United States	45.6	45.0	46.2	47.0	47.6	50.7	57.9	63.5	66.6	67.3	69.6	..
OECD Europe	64.0	62.7	70.4	67.4	..	..	..	..	..	..	..	..
Total OECD	50.4	49.1	51.8	52.1	52.6	60.3	68.3	73.0	76.8	80.9	..	..

\* Prices for 2Q2008 are preliminary.

\*\* Brown coal price for the Czech Republic, Greece, Hungary, Slovak Republic (from 2002 onwards) and Turkey.

\*\*\* Sub-bituminous coal for Mexico.

**Table 17**  
**Coking Coal Prices for Industry in US Dollars/tonne**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	70.4	67.4	77.2	..	..	..	..	..	..	..	..	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	81.1	72.5	79.0	93.9	c	c	c	c	c	c	c	c
Denmark	x	x	x	x	x	x	x	x	x	x	x	x
Finland	151.3	142.5	150.2	157.0	180.1	226.6	280.9	290.4	322.7	333.5	405.1	..
France	67.8	64.9	72.0	82.9	85.2	102.9	151.8	184.3	171.3	176.3	..	..
Germany	c	c	c	c	c	c	c	c	c	c	c	c
Greece	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	c	c	c	c	c	c	c	c	c	c	c	c
Ireland	x	x	x	x	x	x	x	x	x	x	x	x
Italy	75.3	76.1	83.2	86.9	90.7	113.6	155.6	168.7	177.3	191.2	..	..
Japan	70.9	64.7	67.0	69.8	69.8	99.1	148.6	153.5	145.6	148.0	157.4	..
Korea	..	..	..	..	..	103.8	166.5	171.7	157.4	158.6	158.8	..
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c
Norway	x	x	x	x	x	x	x	x	x	x	x	x
Poland	54.6	55.2	66.3	67.6	74.1	136.0	163.2	134.6	158.4	184.7	261.2	..
Portugal	45.3	45.2	55.5	46.6	55.3	..	..	..	..	..	..	..
Slovak Republic	..	..	..	..	..	..	..	..	..	..	..	..
Spain	c	c	c	c	c	c	c	c	c	c	c	c
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	101.3	114.6	102.5	123.3	131.9	169.7	211.6	230.8	286.4	314.5	322.7	..
United Kingdom	..	..	..	..	..	..	..	..	..	..	..	..
United States	71.3	69.2	72.4	79.6	78.8	95.7	130.4	145.0	148.5	152.1	157.4	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..
Total OECD	..	..	..	..	..	..	..	..	..	..	..	..

\* Prices for 2Q2008 are preliminary.

**Table 18**  
**Electricity Prices for Industry in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	585.9	525.2	510.8	567.2	626.6	708.5	..	..	..	..	..	..
Austria	658.8	444.8	..	..	..	1113.7	1183.0	1269.3	1561.0	1634.5	..	..
Belgium	645.2	555.1	..	..	..	..	..	..	..	..	..	..
Canada	436.6	446.3	483.7	454.7	545.7	569.3	642.8	..	..	..	..	..
Czech Republic	561.4	499.5	495.5	572.0	653.1	769.5	937.0	1091.2	1341.0	1503.8	1770.8	..
Denmark	761.6	670.8	693.4	809.4	1064.3	1114.6	..	..	..	..	..	..
Finland	532.5	449.0	443.5	496.5	760.7	837.8	818.1	..	946.6	1050.2	1114.6	..
France	506.5	415.8	403.9	425.2	519.6	579.2	579.2	589.4	648.3	685.9	714.5	739.5
Germany	661.3	471.5	510.1	564.4	760.7	894.1	976.5	1095.7	..	..	..	..
Greece	584.6	491.7	501.8	533.7	647.7	736.7	778.6	..	..	..	..	..
Hungary	639.5	566.5	589.9	683.0	911.4	1075.3	1111.3	1216.6	1561.6	1653.1	1850.3	2103.5
Ireland	657.6	569.1	701.6	873.5	1093.2	1112.2	1155.6	1415.2	1733.6	1892.2	2114.3	..
Italy	998.1	1034.2	1249.2	1315.1	1708.1	1877.8	2022.2	2436.5	2755.7	2965.1	..	..
Japan	1657.9	1665.4	1479.6	1335.4	1413.7	1479.5	1427.0	1360.4	..	..	..	..
Korea	536.6	599.4	554.9	548.6	588.7	611.7	684.2	756.3	808.1	808.2	790.3	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	483.7	591.4	614.8	652.4	726.3	900.6	1020.9	1150.7	1187.2	1285.3	1298.9	..
Netherlands	708.3	663.4	681.9	c	c	c	c	c	c	c	c	c
New Zealand	382.9	325.4	319.3	382.4	532.8	592.6	713.5	693.0	795.4	852.8	896.6	..
Norway	..	226.0	295.0	357.5	529.6	503.5	505.1	643.5	559.5	777.9	760.0	..
Poland	427.7	428.9	521.1	566.9	654.7	698.4	813.1	853.7	958.9	1069.5	1339.8	..
Portugal	905.2	779.1	766.2	795.7	964.4	1079.0	1139.0	1283.9	1494.1	1580.7	1646.6	..
Slovak Republic	480.4	491.5	501.2	551.4	812.9	963.3	1004.0	1141.1	1592.5	1719.0	1987.6	..
Spain	568.4	495.1	477.8	563.3	625.4	696.3	968.9	1061.8	1041.7	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	1050.6	803.2	785.1	819.3	915.5	971.0	937.0	933.6	972.9	1019.6	1093.1	..
Turkey	923.4	929.7	922.5	1095.1	1156.0	1164.2	1237.6	1160.5	1264.4	1388.3	1535.7	..
United Kingdom	741.3	643.8	591.4	603.2	636.5	775.2	1008.5	1359.8	1507.0	1557.5	..	..
United States**	457.0	534.9	581.4	558.1	596.6	612.6	666.8	716.3	739.7	733.2	730.6	..
OECD Europe	693.0	586.9	628.6	685.0	852.7	951.2	1056.7	1228.3	..	..	..	..
Total OECD	686.9	682.6	692.9	689.7	788.3	849.1	917.3	1022.5	..	..	..	..

\* Prices for 2Q2008 are preliminary.

\*\* Price excluding tax for the United States.

**Table 19**  
**Electricity Prices for Households in US Dollars/toe**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	4Q2007	1Q2008	2Q2008*
Australia	814.0	734.6	730.7	774.4	956.9	1144.8	..	..	..	..	..	..
Austria	1562.8	1366.4	1378.3	1511.3	1771.1	2054.7	2025.1	2028.0	2484.9	2628.9	..	..
Belgium	1768.3	1537.9	..	..	..	..	..	..	..	..	..	..
Canada	633.8	615.5	610.7	626.6	712.6	785.6	879.8	..	..	..	..	..
Czech Republic	595.0	632.0	694.2	884.6	983.8	1127.0	1228.3	1420.7	1696.3	1862.5	2228.8	..
Denmark	2409.5	2295.8	2267.3	2427.5	2981.3	3291.5	3425.0	3744.9	4002.4	4436.5	..	..
Finland	1062.5	904.5	894.2	984.2	1299.4	1430.0	1405.5	1487.4	1690.4	1799.8	2002.9	..
France	1403.0	1182.1	1144.1	1215.4	1472.2	1646.5	1646.5	1672.0	1841.3	1948.0	2029.2	2100.2
Germany	1760.9	1402.9	1438.7	1576.4	2041.8	2296.7	2470.0	2578.0	..	..	..	..
Greece	1047.4	823.4	816.1	893.2	1115.5	1242.2	1304.3	..	..	..	..	..
Hungary	844.5	759.3	794.6	926.6	1186.3	1556.8	1699.0	1675.8	2189.6	2333.2	2974.2	3221.1
Ireland	1362.2	1178.9	1097.2	1242.8	1698.9	2007.9	2311.1	2319.7	2831.6	2888.2	2883.6	..
Italy	1712.6	1575.4	1717.6	1808.3	2167.9	2224.5	2296.7	2626.1	2994.6	3157.4	..	..
Japan	2471.6	2489.5	2181.1	2025.8	2159.5	2282.7	2195.8	2070.4	..	..	..	..
Korea	944.4	973.8	825.4	808.7	859.2	923.5	1034.1	1144.5	1186.3	1160.3	1120.8	..
Luxembourg	1373.3	1154.2	1135.7	1298.7	1658.1	1705.9	2169.6	2131.5	2682.4	..	..	..
Mexico	689.7	794.0	873.2	1072.8	1057.7	1047.2	1129.8	1171.1	1081.5	1107.0	1251.6	..
Netherlands	1538.0	1524.0	1683.3	1800.6	2252.0	2569.7	2744.5	3000.1	3313.4	3491.3	2829.8	..
New Zealand	814.3	698.2	688.3	822.5	1102.1	1397.8	1581.1	1545.9	1877.0	1982.4	2072.2	..
Norway	735.4	672.2	844.9	938.0	1438.9	1358.6	1418.7	1811.6	1531.2	1760.3	2036.6	..
Poland	757.7	761.2	920.7	974.5	1100.0	1199.4	1405.8	1536.6	1755.1	1922.2	2083.4	..
Portugal	1634.6	1390.0	1367.9	1475.1	1815.8	2038.1	2087.2	2144.7	2480.1	2623.9	2733.2	..
Slovak Republic	404.8	583.0	730.7	775.2	1208.3	1558.6	1637.0	1807.7	2182.8	2243.2	2335.6	..
Spain	1635.8	1362.1	1262.7	1325.0	1596.4	1762.2	1785.5	1915.6	2174.1	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	1517.9	1294.4	1266.9	1364.4	1550.1	1656.7	1614.5	1540.5	1585.3	1663.5	1809.5	..
Turkey	971.9	981.6	972.5	1153.1	1228.1	1291.2	1372.5	1287.0	1415.7	1554.4	1833.3	..
United Kingdom	1354.7	1240.2	1171.2	1223.8	1347.1	1601.5	1733.6	2167.1	2541.9	2542.0	2640.4	..
United States**	948.8	953.5	988.4	983.0	1011.5	1043.0	1098.5	1209.6	1236.7	1231.2	1194.7	..
OECD Europe	1429.0	1243.4	1245.5	1341.5	1638.3	1819.4	1904.1	2084.3	..	..	..	..
Total OECD	1230.5	1174.8	1155.8	1167.4	1289.9	1383.7	1452.8	1582.6	..	..	..	..

\* Prices for 2Q2008 are preliminary.

\*\* Price excluding tax for the United States.



**F. ENERGY END-USE PRICES**  
**IN US DOLLARS/unit**  
**(converted using Purchasing Power Parities)**

**Table 1**  
**Purchasing Power Parities**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	1.33	1.32	1.32	1.32	1.31	1.30	1.31	1.33	1.34	1.35	1.37	1.39	1.41	1.40
Austria	0.93	0.93	0.93	0.92	0.92	0.92	0.90	0.92	0.90	0.88	0.87	0.87	0.87	0.85
Belgium	0.92	0.91	0.91	0.91	0.92	0.92	0.89	0.89	0.87	0.88	0.90	0.90	0.90	0.85
Canada	1.21	1.21	1.21	1.21	1.19	1.19	1.23	1.22	1.23	1.23	1.23	1.21	1.20	1.23
Czech Republic	10.23	11.05	11.94	12.7	13.9	14.1	14.2	14.2	14.3	14.0	14.3	14.4	14.3	14.2
Denmark	8.52	8.46	8.43	8.43	8.39	8.47	8.42	8.46	8.30	8.53	8.39	8.52	8.58	8.36
Finland	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.01	1.00	1.01	0.97	0.98	0.97	0.95
France	1.00	0.99	0.99	0.97	0.97	0.96	0.94	0.92	0.91	0.94	0.94	0.92	0.91	0.89
Germany	1.01	1.00	0.99	0.99	0.99	0.97	0.97	0.96	0.94	0.92	0.90	0.89	0.88	0.87
Greece	0.53	0.57	0.60	0.63	0.66	0.68	0.68	0.67	0.66	0.69	0.69	0.70	0.70	0.70
Hungary	49.6	61.6	73.0	85.0	94.1	101.1	108.0	110.6	115	120	126	129	130	133
Ireland	0.81	0.82	0.83	0.85	0.88	0.93	0.96	0.99	1.00	1.01	1.00	1.02	1.01	1.00
Italy	0.77	0.79	0.81	0.82	0.81	0.82	0.82	0.81	0.85	0.85	0.87	0.88	0.87	0.85
Japan	179	174	170	168	167	162	155	149	144	140	134	130	124	121
Korea	656	690	712	732	767	755	749	757	770	796	794	789	762	734
Luxembourg	0.94	0.95	0.95	0.96	0.95	0.94	0.94	0.95	0.93	0.94	0.92	0.92	0.92	0.95
Mexico	2.17	2.93	3.76	4.35	4.96	5.63	6.11	6.31	6.55	6.82	7.12	7.13	7.22	7.53
Netherlands	0.91	0.91	0.91	0.91	0.91	0.91	0.89	0.91	0.90	0.93	0.91	0.90	0.89	0.86
New Zealand	1.46	1.46	1.47	1.45	1.45	1.43	1.45	1.47	1.47	1.50	1.51	1.54	1.52	1.48
Norway	9.06	9.15	9.04	9.08	9.38	9.33	9.14	9.18	9.11	9.11	8.98	8.84	8.89	8.53
Poland	0.94	1.17	1.36	1.52	1.66	1.74	1.84	1.86	1.83	1.84	1.86	1.90	1.89	1.94
Portugal	0.64	0.65	0.66	0.67	0.69	0.70	0.70	0.71	0.71	0.71	0.72	0.71	0.70	0.70
Slovak Republic	12.09	13.02	13.3	13.7	14.2	15.1	15.9	15.7	15.9	16.7	17.2	17.2	17.3	17.3
Spain	0.69	0.71	0.72	0.72	0.72	0.73	0.74	0.74	0.73	0.75	0.76	0.77	0.76	0.77
Sweden	9.22	9.35	9.24	9.30	9.37	9.29	9.15	9.35	9.35	9.33	9.09	9.24	9.16	9.05
Switzerland	2.00	1.98	1.94	1.89	1.88	1.87	1.85	1.84	1.77	1.78	1.75	1.74	1.70	1.65
Turkey	0.01	0.02	0.04	0.08	0.13	0.20	0.28	0.43	0.61	0.77	0.81	0.87	0.90	0.97
United Kingdom	0.64	0.64	0.64	0.63	0.65	0.65	0.64	0.63	0.63	0.64	0.63	0.65	0.65	0.62
United States	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

## Notes:

The source of the Purchasing Power Parity series (PPP) for 1970 to 2007 is *National Accounts of OECD Countries* (see the site <http://www.oecd.org/std/ppp/> for more details on PPPs).

The Euro is the national currency for Economic and Monetary Union countries.

**Table 2**  
**High Sulphur Fuel Oil Prices for Industry in US Dollars/tonne (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	89.8	106.6	108.0	104.2	97.6	..	..	..	..	..	..	..	..	..
Belgium	122.7	125.5	136.6	140.0	115.2	140.2	219.9	195.8	196.7	x	x	x	x	x
Canada	120.2	126.9	142.7	138.4	103.3	142.8	219.7	209.6	228.8	240.8	237.3	299.3	312.6	349.3
Czech Republic	224.8	226.2	228.3	241.7	185.4	184.2	302.7	334.7	318.7	294.5	300.2	344.8	456.7	409.2
Denmark	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
France	103.3	111.3	118.6	119.6	98.2	121.1	206.6	187.8	205.9	197.6	185.6	264.1	313.1	335.6
Germany	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Greece	224.7	..	..	..	..	..	..	..	..	311.4	291.5	377.5	..	..
Hungary	223.8	197.6	252.8	226.3	204.2	225.1	340.1	333.4	366.3	..	..	..	..	..
Ireland	154.0	165.1	291.1	188.1	159.3	170.2	256.7	225.9	261.9	264.0	263.9	329.4	393.7	322.5
Italy	169.4	186.1	189.0	183.2	166.4	207.0	292.9	273.5	277.0	..	..	..	..	..
Japan	102.8	97.9	110.5	130.2	121.0	119.5	156.0	176.6	175.6	197.4	215.5	297.7	426.2	464.6
Korea	132.3	162.2	233.2	283.5	312.6	325.7	416.2	432.9	446.7	451.5	489.3	564.2	677.8	698.6
Luxembourg	112.5	x	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	98.7	138.1	159.3	162.2	120.1	135.4	193.5	161.6	176.8	221.4	229.7	276.5	386.1	376.6
Netherlands	148.6	153.7	159.3	x	x	x	x	x	x	x	x	x	x	x
New Zealand	233.1	221.9	222.9	215.2	219.2	236.1	411.6	306.4	306.6	257.8	277.8	367.2	452.6	424.4
Norway	257.1	x	x	x	x	x	x	x	x	x	x	x	x	x
Poland	206.0	200.1	249.3	235.4	154.1	166.1	265.8	232.3	292.5	338.0	340.9	433.4	505.1	505.6
Portugal	203.4	199.3	211.0	218.7	186.4	208.5	342.7	338.3	334.4	x	x	x	x	x
Slovak Republic	166.9	177.6	217.7	197.5	177.1	203.8	..	x	x	x	x	x	x	x
Spain	159.0	184.9	206.6	209.7	158.5	185.2	275.2	243.1	266.9	271.6	..	..	..	..
Sweden	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	270.4	327.0	351.7	364.4	305.2	360.5	455.0	520.2	653.7	591.9	608.6	842.0	1017.6	1053.2
United Kingdom	119.9	139.6	153.0	147.5	124.2	142.6	198.9	196.6	215.8	x	x	x	x	x
United States	98.5	109.8	126.3	118.7	85.5	106.7	168.8	148.1	158.6	195.8	206.6	295.9	342.5	387.3
OECD Europe	171.4	194.7	217.5	218.5	182.0	218.7	..	..	..	..	..	..	..	..
OECD Total	133.4	152.4	180.0	195.9	174.1	203.0	267.0	260.5	292.2	..	..	..	..	..

**Table 3**  
**Low Sulphur Fuel Oil Prices for Industry in US Dollars/tonne (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	146.3	147.6	148.6	139.8	158.6	211.5	198.7	209.7	224.8	245.1	326.1	382.9	406.7
Belgium	115.9	117.6	130.1	133.5	109.5	114.6	199.5	177.2	187.4	219.5	192.9	275.2	311.8	347.3
Canada	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	..	..	..	..	344.5	342.3	338.0	345.9	410.0	524.2	484.7
Denmark	104.5	102.7	140.3	146.9	124.2	142.2	215.8	206.4	224.9	237.8	202.2	272.0	301.3	317.4
Finland	151.6	152.0	162.3	169.9	148.2	176.4	257.1	225.6	233.2	239.0	242.7	321.9	363.5	378.9
France	121.8	126.3	136.1	135.4	112.6	134.3	225.6	206.9	221.3	215.4	199.4	282.6	325.1	347.1
Germany	103.7	108.0	117.5	119.4	102.0	119.6	194.1	176.0	194.4	203.1	195.2	273.2	335.4	331.1
Greece	..	230.4	249.0	246.8	211.1	233.8	367.5	351.4	336.4	342.8	322.1	411.5	..	..
Hungary	..	226.1	293.2	264.8	241.1	249.8	353.6	391.3	407.7	409.5	..	512.9	624.0	609.2
Ireland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Italy	172.8	179.0	183.7	174.6	151.3	182.0	282.2	249.7	250.4	273.3	266.5	351.7	392.4	405.9
Japan	167.4	151.8	181.2	201.2	182.1	179.2	209.9	225.6	226.7	257.6	290.9	398.8	527.5	558.9
Korea	..	..	..	..	403.5	339.9	430.0	448.3	460.1	465.4	503.4	557.8	702.2	726.8
Luxembourg	..	115.6	124.0	126.9	109.2	127.7	207.6	183.4	191.3	202.3	183.6	..	..	..
Mexico	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	..	..	179.0	162.0	182.2	264.9	241.6	244.1	254.2	246.6	319.2	367.6	383.2
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Norway	..	248.8	253.0	256.5	242.4	259.7	341.7	397.2	400.1	..	..	..	..	..
Poland	..	..	..	..	..	..	..	..	..	..	388.7	507.8	604.9	611.2
Portugal	..	224.7	236.8	232.9	202.5	225.7	361.4	357.6	348.9	360.6	333.7	441.1	549.0	611.9
Slovak Republic	x	x	x	x	x	x	..	348.7	370.9	383.7	382.2	406.6	517.8	484.0
Spain	..	185.5	207.0	211.4	188.0	215.0	335.6	300.3	320.3	318.5	291.1	392.0	456.1	439.1
Sweden	138.2	141.0	150.4	167.7	c	c	440.5	508.6	499.0	542.1	614.9	691.5	751.4	774.3
Switzerland	97.0	94.8	110.0	113.0	92.6	110.2	174.1	157.4	156.3	167.7	148.7	220.5	256.0	285.9
Turkey	..	..	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	..	..	..	..	..	..	..	..	..	243.2	240.3	318.2	361.7	464.3
United States	..	..	..	..	..	..	..	..	..	..	..	..	..	..
OECD Europe	..	..	..	..	..	..	..	259.2	267.1	277.2	272.9	357.1	411.0	426.7
OECD Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..

**Table 4**  
**Heavy Fuel Oil Prices for Electricity Generation in US Dollars/tonne (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	102.0	c	c	c	c	c	84.7	101.1	114.2	146.6	141.4	167.9	206.5	193.1
Belgium	122.7	125.5	136.6	140.0	115.2	140.2	219.9	195.8	196.7	x	x	x	x	x
Canada	..	..	..	..	..	..	144.6	147.1	150.4	205.7	149.7	198.1	..	..
Czech Republic	224.8	226.2	228.3	241.7	185.4	184.2	302.7	334.7	318.7	294.5	300.2	344.8	456.7	409.2
Denmark	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Finland	151.6	152.0	162.3	129.3	98.2	119.3	199.7	169.0	176.2	180.0	181.5	261.3	302.0	316.3
France	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Germany	104.2	102.9	120.1	123.0	104.6	124.8	187.5	166.4	176.8	192.5	181.8	259.7	319.8	313.1
Greece	224.8	230.4	249.0	246.8	211.1	233.8	..	..	..	..	..	..	..	..
Hungary	199.1	165.9	201.3	205.1	182.2	168.1	381.8	347.9	358.5	..	..	..	..	..
Ireland	99.3	118.2	123.2	119.6	92.0	90.0	158.3	171.8	157.8	163.8	163.3	224.0	271.1	247.1
Italy	130.3	143.8	c	c	c	c	c	c	c	c	c	c	c	c
Japan	112.8	113.7	132.1	149.8	..	..	..	..	..	..	..	..	..	..
Korea	132.3	162.2	233.2	283.5	312.6	325.7	416.2	432.9	446.7	451.5	489.3	..	..	..
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	98.7	122.1	151.8	158.5	121.5	133.5	193.3	161.8	174.4	219.9	228.3	271.9	382.5	366.7
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Norway	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Poland	206.0	200.1	249.3	235.4	154.1	166.0	265.7	232.0	292.4	338.0	340.9	433.4	505.1	505.6
Portugal	109.9	114.4	128.9	125.6	89.4	104.4	230.3	186.8	214.6	227.5	207.7	247.9	352.3	366.7
Slovak Republic	166.9	177.6	217.7	197.5	177.1	203.8	..	x	x	x	x	x	x	x
Spain	157.1	184.9	206.6	209.7	187.8	215.0	335.6	300.3	320.3	318.0	..	..	..	..
Sweden	95.5	98.7	104.6	114.7	103.3	83.1	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	270.4	327.0	351.7	364.4	305.2	360.5	455.0	520.2	653.7	591.9	608.6	842.0	1017.6	1053.2
United Kingdom	106.8	125.8	129.3	136.3	107.4	127.2	188.1	182.0	199.6	242.1	224.8	325.9	355.7	367.7
United States	100.5	108.7	126.1	116.8	86.9	99.9	178.6	156.0	153.9	199.7	203.5	292.9	326.7	351.7
OECD Europe	141.6	155.0	..	..	..	..	..	..	..	..	..	..	..	..
OECD Total	120.1	135.4	..	166.5	..	..	..	..	..	..	..	..	..	..

**Table 5**  
**Light Fuel Oil Prices for Industry in US Dollars/1000 litres (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	204.1	186.1	222.8	237.1	215.3	..	..	..	..	345.8	397.9	482.7	557.0	556.3
Belgium	167.8	157.0	196.1	204.7	159.4	181.4	324.9	307.3	276.6	297.0	349.0	479.0	532.1	566.7
Canada	163.3	165.1	202.0	191.6	147.4	181.4	292.7	263.6	254.6	283.7	340.7	459.9	484.9	507.6
Czech Republic	478.8	708.9	541.9	540.7	500.5	565.5	811.4	641.2	519.5	562.4	750.4	939.7	963.2	912.9
Denmark	191.0	187.6	229.7	245.6	219.7	247.6	364.4	347.8	344.6	349.3	384.0	481.4	516.0	533.6
Finland	211.3	193.1	218.7	243.7	210.6	237.6	356.2	324.8	299.3	317.7	373.4	485.3	544.0	547.4
France	216.3	208.8	241.5	255.7	213.3	241.6	370.4	320.8	305.9	313.9	365.5	491.6	552.0	569.1
Germany	186.8	179.6	217.3	220.8	181.2	227.8	363.9	336.7	321.0	332.3	376.7	504.8	571.5	569.3
Greece	478.3	480.7	569.1	519.8	413.0	405.1	628.8	634.0	567.5	599.8	677.4	842.4	..	..
Hungary	1052.4	1024.7	1169.7	1200.9	1179.1	1316.2	1592.8	1509.0	1581.7	1747.7	..	..	..	..
Ireland	250.9	250.4	311.4	295.3	235.5	240.4	358.3	333.3	329.3	336.9	370.0	472.1	544.3	551.1
Italy	695.4	714.1	739.4	745.2	718.7	751.4	871.4	845.9	821.5	829.7	868.4	997.6	1072.2	1092.1
Japan	164.2	144.3	172.1	191.3	171.7	170.3	199.4	213.4	212.1	235.0	270.6	373.5	466.0	495.7
Korea	..	..	..	..	649.8	589.7	727.7	758.1	719.0	804.5	954.9	1108.0	1224.5	1278.4
Luxembourg	201.1	192.3	221.7	230.5	193.1	216.6	344.6	312.8	295.3	305.1	360.6	479.3	534.2	519.0
Mexico	206.7	182.4	191.2	191.0	128.2	158.4	222.1	190.5	217.1	276.7	304.6	393.8	470.2	481.7
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	232.6	231.8	233.5	240.8	234.8	259.9	364.2	376.1	359.8	311.1	305.7	353.1	454.6	426.1
Norway	267.2	261.7	314.8	332.4	287.1	342.3	448.7	455.8	428.8	484.9	522.6	645.9	605.3	632.8
Poland	623.4	528.6	541.9	528.0	334.2	410.3	629.8	554.3	565.9	650.1	762.8	950.8	1041.0	996.3
Portugal	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Slovak Republic	357.7	303.8	328.8	336.9	315.4	329.4	450.9	613.6	654.6	647.1	634.0	929.6	1072.6	920.4
Spain	321.9	293.4	328.6	349.5	305.6	338.6	498.8	455.1	434.5	443.4	491.7	623.5	700.8	692.4
Sweden	174.4	156.8	181.0	201.6	181.4	196.9	307.4	301.6	279.2	293.8	338.6	444.1	494.2	499.6
Switzerland	112.2	103.1	134.6	149.4	113.2	131.3	234.2	211.4	187.2	203.7	244.9	346.4	408.0	426.7
Turkey	..	..	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	176.2	178.4	212.1	211.7	167.3	179.6	271.7	279.4	268.0	299.6	342.7	429.1	516.9	554.1
United States	133.7	135.1	168.9	155.7	111.5	135.2	227.6	198.6	183.1	232.3	297.4	427.7	484.6	545.0
OECD Europe	281.6	290.2	311.1	319.3	271.2	291.5	431.2	391.9	389.9	392.4	435.1	547.7	608.9	620.3
OECD Total	196.5	196.7	224.3	225.6	195.6	209.3	304.1	279.4	271.8	305.9	351.1	469.6	533.9	568.3

**Table 6**  
**Light Fuel Oil Prices for Households in US Dollars/1000 litres (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	326.9	332.8	374.4	345.2	295.9	323.5	498.4	451.6	427.1	445.5	546.8	698.7	784.8	779.6
Belgium	202.2	189.2	237.3	247.6	192.9	219.5	393.2	371.8	334.7	357.6	429.2	579.7	643.9	685.7
Canada	308.1	297.6	316.4	341.2	337.5	328.7	311.1	441.5	403.6	463.8	510.9	643.3	681.5	690.3
Czech Republic	545.9	683.9	801.1	791.1	736.1	813.3	1115.9	908.3	758.9	814.0	1027.2	1240.8	1269.6	1211.0
Denmark	469.7	468.4	506.1	523.7	502.9	553.0	663.6	667.4	667.9	669.3	716.5	838.8	880.4	908.4
Finland	257.8	235.5	266.8	297.3	256.9	289.9	434.6	396.3	365.1	387.6	455.6	592.1	663.7	667.8
France	311.1	307.4	338.7	360.5	311.7	340.3	488.7	434.6	402.5	415.5	481.4	631.2	710.8	728.7
Germany	214.8	206.5	249.8	254.7	209.7	264.3	422.2	390.5	372.4	385.5	436.9	585.5	662.9	677.5
Greece	564.4	567.2	671.6	613.3	487.4	478.1	742.0	748.1	669.7	707.8	799.3	994.0	..	..
Hungary	560.9	x	x	x	x	x	x	x	x	x	x	x	x	x
Ireland	372.0	367.4	404.5	388.1	352.3	349.5	479.3	449.0	428.1	449.7	502.3	616.6	699.6	708.0
Italy	827.5	849.8	879.8	888.7	862.5	901.6	1045.6	1015.0	985.8	995.7	1042.1	1197.2	1286.6	1310.6
Japan	266.4	237.8	260.0	295.8	268.7	261.7	304.6	333.1	317.1	342.4	383.1	492.6	639.3	656.4
Korea	384.8	379.1	443.9	545.6	675.6	650.7	747.7	766.4	720.3	802.9	947.0	1103.0	1220.8	1269.1
Luxembourg	209.4	199.5	232.5	242.6	200.4	226.7	370.1	334.5	314.5	325.5	393.4	523.4	584.9	568.3
Mexico	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	272.4	262.9	320.0	395.6	374.2	434.0	626.8	672.3	633.9	647.6	727.1	903.9	985.0	1032.6
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Norway	333.6	350.9	392.2	424.2	371.5	437.5	563.2	584.0	568.6	601.3	648.1	807.4	756.6	791.0
Poland	813.3	692.8	623.1	617.1	550.3	575.8	878.8	803.2	795.5	879.6	1009.7	1235.3	1363.8	1291.0
Portugal	..	..	..	..	..	..	..	..	..	..	699.9	865.5	958.4	1037.3
Slovak Republic	379.2	988.6	999.4	1005.6	981.3	974.9	1095.6	1280.4	738.9	779.1	..	..	..	..
Spain	370.1	340.4	381.2	405.4	354.5	392.8	578.6	527.9	504.0	514.3	570.4	723.3	812.9	803.2
Sweden	413.2	404.0	455.7	471.5	430.5	454.3	593.1	642.6	673.8	745.0	866.7	999.4	1073.1	1109.4
Switzerland	135.4	132.7	165.9	183.0	145.7	164.1	273.9	252.2	230.8	247.4	288.0	402.8	463.9	488.9
Turkey	893.4	887.5	1037.4	1118.6	978.9	1239.1	1534.2	1812.3	1769.6	1692.3	1725.6	2118.8	2362.5	2278.0
United Kingdom	208.7	216.9	258.0	243.5	193.3	212.9	337.8	305.2	253.8	290.1	347.7	472.0	562.4	645.6
United States	250.5	247.2	279.0	276.0	241.6	252.8	357.1	344.2	314.5	369.8	415.7	552.4	636.9	696.9
OECD Europe	313.2	310.5	351.5	356.1	311.5	357.7	514.9	482.4	457.8	469.5	535.2	685.6	739.8	756.0
OECD Total	292.9	286.6	323.5	331.7	295.3	328.5	452.0	444.9	416.5	443.7	500.2	640.0	714.9	743.0

**Table 7**  
**Automotive Diesel Oil Prices for Commercial Use in US Dollars/litre (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	0.286	0.274	..	..	..	..	..	..	..	..	..	..	..	..
Austria	0.514	0.559	0.597	0.620	0.574	0.578	0.720	0.679	0.669	0.650	0.688	0.746	0.813	0.851
Belgium	0.551	0.545	0.587	0.598	0.539	0.568	0.732	0.711	0.692	0.712	0.819	0.957	0.996	1.066
Canada	0.422	0.422	0.441	0.462	0.455	0.455	0.552	0.566	0.518	0.561	0.615	0.764	0.800	0.805
Czech Republic	1.258	1.161	1.144	1.211	1.064	1.101	1.423	1.390	1.244	1.280	1.456	1.627	1.701	1.705
Denmark	0.362	0.384	0.415	0.462	0.491	0.531	0.674	0.656	0.654	0.636	0.650	0.720	0.763	0.790
Finland	0.523	0.485	0.515	0.526	0.522	0.557	0.700	0.664	0.641	0.656	0.714	0.808	0.865	0.877
France	0.496	0.495	0.548	0.575	0.551	0.594	0.750	0.726	0.712	0.708	0.788	0.927	0.988	1.029
Germany	0.505	0.496	0.546	0.557	0.509	0.567	0.714	0.742	0.769	0.833	0.902	1.031	1.091	1.131
Greece	0.605	0.608	0.645	0.639	0.567	0.626	0.829	0.801	0.798	0.784	0.903	1.055	..	..
Hungary	1.069	1.084	1.176	1.202	1.179	1.316	1.593	1.509	1.402	1.394	1.388	1.592	1.742	1.656
Ireland	0.705	0.683	0.894	0.825	0.660	0.623	0.714	0.688	0.638	0.655	0.725	0.841	0.897	0.890
Italy	0.700	0.740	0.768	0.764	0.732	0.776	0.908	0.896	0.843	0.857	0.897	1.055	1.118	1.138
Japan	0.431	0.330	0.358	0.375	0.368	0.374	0.402	0.430	0.438	0.466	0.522	0.633	0.745	0.796
Korea	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	0.457	0.455	0.493	0.502	0.468	0.501	0.638	0.602	0.588	0.590	0.651	0.795	0.871	0.856
Mexico	0.400	0.437	0.450	0.482	0.499	0.580	0.596	0.623	0.632	0.630	0.622	0.640	0.656	0.677
Netherlands	0.660	0.654	0.719	0.639	0.613	0.654	0.805	0.761	0.736	0.721	0.832	0.957	1.021	1.072
New Zealand	0.314	0.309	0.322	0.337	0.296	0.309	0.448	0.435	0.391	0.369	0.430	0.522	0.661	0.628
Norway	0.588	0.607	0.673	0.680	0.677	0.724	0.880	0.760	0.721	0.743	0.780	0.891	0.922	0.971
Poland	0.774	0.698	0.719	0.756	0.723	0.864	1.136	1.125	1.156	1.263	1.397	1.590	1.651	1.594
Portugal	0.773	0.770	0.779	0.795	0.755	0.731	0.866	0.880	0.840	0.926	1.013	1.213	1.356	1.408
Slovak Republic	1.119	1.083	1.193	1.524	1.483	1.455	1.626	1.586	1.438	1.493	1.651	1.839	1.938	1.839
Spain	0.618	0.600	0.654	0.672	0.636	0.665	0.816	0.807	0.810	0.795	0.859	1.003	1.077	1.071
Sweden	0.543	0.543	0.575	0.574	0.538	0.572	0.739	0.740	0.718	0.696	0.752	0.896	0.973	0.973
Switzerland	0.528	0.490	0.530	0.556	0.523	0.544	0.657	0.633	0.625	0.644	0.705	0.808	0.879	0.922
Turkey	0.784	0.775	0.950	1.044	0.909	1.171	1.535	1.713	1.790	1.803	1.898	2.253	2.468	2.373
United Kingdom	0.689	0.722	0.766	0.838	0.864	0.945	1.087	1.058	1.023	1.035	1.104	1.191	1.243	1.329
United States	0.294	0.293	0.327	0.315	0.276	0.297	0.395	0.371	0.348	0.398	0.477	0.633	0.714	0.761
OECD Europe	0.608	0.608	0.664	0.684	0.649	0.707	0.868	0.862	0.852	0.871	0.945	1.090	1.160	1.185
OECD Total	0.464	0.451	0.497	0.505	0.475	0.515	0.635	0.631	0.620	0.647	0.725	0.868	0.942	0.975



**Table 8**  
**Automotive Diesel Oil Prices for Non-Commercial Use in US Dollars/litre (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	0.514	0.520	0.557	0.551	0.513	0.544	0.680	0.679	0.645	0.674	0.732	0.863	0.953	0.930
Austria	0.617	0.670	0.718	0.745	0.688	0.693	0.863	0.816	0.803	0.822	0.926	1.085	1.156	1.214
Belgium	0.673	0.667	0.717	0.733	0.672	0.695	0.909	0.882	0.839	0.861	0.984	1.157	1.205	1.290
Canada	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	1.547	1.416	1.396	1.477	1.298	1.342	1.736	1.696	1.518	1.562	1.743	1.936	2.025	2.029
Denmark	..	..	0.570	0.615	0.615	0.663	0.842	0.821	0.818	0.795	0.813	0.900	0.954	0.987
Finland	0.575	0.592	0.628	0.641	0.636	0.680	0.853	0.810	0.780	0.800	0.871	0.985	1.055	1.070
France	0.589	0.592	0.661	0.694	0.665	0.717	0.899	0.870	0.852	0.846	0.943	1.109	1.181	1.230
Germany	0.581	0.571	0.627	0.641	0.589	0.654	0.827	0.861	0.892	0.966	1.047	1.193	1.265	1.346
Greece	0.714	0.716	0.763	0.756	0.671	0.739	0.980	0.945	0.942	0.925	1.065	1.245	..	..
Hungary	1.337	1.355	1.470	1.503	1.474	1.645	1.991	1.886	1.753	1.743	1.733	1.976	2.091	1.987
Ireland	0.854	0.826	0.891	0.863	0.800	0.753	0.874	0.826	0.771	0.793	0.878	1.017	1.085	1.077
Italy	0.833	0.880	0.914	0.911	0.878	0.931	1.090	1.076	1.013	1.028	1.076	1.267	1.342	1.366
Japan	..	0.415	0.442	0.476	0.468	0.486	0.524	0.565	0.576	0.605	0.656	0.774	0.908	0.983
Korea	0.341	0.341	0.418	0.551	0.722	0.691	0.818	0.851	0.880	0.977	1.143	1.366	1.601	1.731
Luxembourg	0.526	0.524	0.567	0.577	0.539	0.577	0.732	0.693	0.676	0.678	0.749	0.914	1.002	0.984
Mexico	0.468	0.497	0.516	0.553	0.573	0.665	0.683	0.714	0.724	0.722	0.712	0.733	0.752	0.774
Netherlands	0.775	0.768	0.845	0.750	0.721	0.768	0.946	0.905	0.876	0.858	0.979	1.139	1.215	1.275
New Zealand	0.353	0.347	0.362	0.379	0.333	0.348	0.504	0.489	0.440	0.415	0.483	0.587	0.744	0.707
Norway	..	..	0.837	0.860	0.833	0.892	1.083	0.942	0.900	0.921	0.967	1.112	1.152	1.214
Poland	0.944	0.852	0.878	0.922	0.881	1.055	1.386	1.372	1.411	1.541	1.704	1.940	2.015	1.945
Portugal	0.807	0.806	0.849	0.855	0.814	0.788	0.933	0.948	0.911	1.005	1.101	1.324	1.484	1.542
Slovak Republic	1.398	1.354	1.491	1.874	1.824	1.790	2.000	1.950	1.769	1.791	1.964	2.189	2.306	2.188
Spain	0.711	0.696	0.757	0.779	0.737	0.771	0.946	0.937	0.939	0.923	0.996	1.163	1.250	1.242
Sweden	0.679	0.678	0.713	0.718	0.673	0.716	0.923	0.925	0.897	0.870	0.940	1.120	1.216	1.216
Switzerland	0.610	0.604	0.638	0.680	0.645	0.660	0.775	0.761	0.754	0.766	0.826	0.941	1.021	1.072
Turkey	..	0.775	0.950	1.044	0.909	1.171	1.535	1.713	1.790	1.803	1.898	2.253	2.468	2.373
United Kingdom	0.810	0.849	0.901	0.985	1.016	1.111	1.277	1.244	1.203	1.216	1.297	1.401	1.460	1.561
United States	0.294	0.293	0.327	0.315	0.276	0.297	0.395	0.371	0.348	0.398	0.477	0.633	0.714	0.761
OECD Europe	0.709	0.714	0.777	0.803	0.766	0.831	1.019	1.012	0.998	1.020	1.107	1.281	1.362	1.397
OECD Total	0.519	0.511	0.560	0.577	0.552	0.595	0.731	0.729	0.718	0.748	0.838	0.998	1.086	1.130

**Table 9**  
**Premium Leaded/Lead Replacement Gasoline Prices in US Dollars/litre (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	0.513	0.541	0.555	0.569	0.539	0.567	0.696	0.676	0.664	0.685	..	..	..	..
Austria	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Belgium	0.922	0.924	1.014	1.091	1.021	1.051	1.235	1.214	1.211	x	x	x	x	x
Canada	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Czech Republic	1.974	1.817	1.752	1.777	1.639	1.696	2.082	x	x	x	x	x	x	x
Denmark	0.662	0.720	x	x	x	x	x	x	x	x	x	x	x	x
Finland	x	x	x	x	x	x	x	x	x	x	x	x	x	x
France	0.856	0.901	0.957	1.007	0.991	1.043	1.241	1.222	1.210	1.171	1.222	1.376	1.485	..
Germany	0.860	0.862	0.908	x	x	x	x	x	x	x	x	x	x	x
Greece	1.105	1.046	1.066	1.063	0.981	0.983	1.195	1.177	1.188	1.146	1.253	1.337	..	..
Hungary	..	..	..	..	..	..	..	x	x	x	x	x	x	x
Ireland	0.932	0.936	0.987	0.994	0.995	0.958	1.077	x	x	x	x	x	x	x
Italy	1.143	1.201	1.205	1.215	1.189	1.226	1.377	1.351	x	x	x	x	x	x
Japan	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Korea	1.109	1.045	1.113	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	0.708	0.734	0.764	0.789	0.755	x	x	x	x	x	x	x	x	x
Mexico	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	1.023	1.023	1.070	x	x	x	x	x	x	x	x	x	x	x
New Zealand	0.651	0.649	x	x	x	x	x	x	x	x	x	x	x	x
Norway	0.911	0.959	1.002	1.028	1.032	1.038	1.223	1.111	1.050	1.096	1.189	1.298	1.348	1.437
Poland	1.163	1.043	1.066	1.117	1.118	1.341	1.708	x	x	x	x	x	x	x
Portugal	1.206	1.199	1.224	1.248	1.210	..	..	..	..	..	1.527	1.702	1.915	1.983
Slovak Republic	1.594	1.406	1.456	..	..	..	x	x	x	x	x	x	x	x
Spain	0.951	0.957	0.985	1.007	0.977	1.006	1.190	1.168	1.188	1.178	1.240	1.352	1.468	..
Sweden	0.851	0.843	0.886	0.923	0.900	0.937	1.073	..	x	x	x	x	x	x
Switzerland	0.622	0.622	0.649	0.698	0.671	0.691	x	x	x	x	x	x	x	x
Turkey	1.224	1.196	1.321	1.544	1.484	1.806	2.055	2.321	2.417	2.342	2.424	2.902	3.047	2.936
United Kingdom	0.895	0.934	0.962	1.059	1.102	1.183	1.333	1.272	1.227	1.249	1.338	..	..	..
United States	x	x	x	x	x	x	x	x	x	x	x	x	x	x
OECD Europe	0.953	0.970	1.012	..	..	..	..	..	..	..	..	..	..	..
OECD Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..

**Table 10**  
**Regular Unleaded Gasoline Prices in US Dollars/litre (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	0.503	0.526	0.540	0.553	0.522	0.544	0.674	0.655	0.641	0.661	0.714	0.807	0.879	0.866
Austria	0.774	0.852	0.875	0.911	0.868	0.870	1.028	0.974	0.958	0.975	1.066	1.163	1.229	1.295
Belgium	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Canada	0.433	0.456	0.480	0.493	0.456	0.500	0.590	0.578	0.572	0.600	0.661	0.761	0.811	0.829
Czech Republic	..	..	..	..	..	..	..	1.896	1.696	1.747	1.850	1.951	2.038	2.058
Denmark	0.631	0.690	0.756	0.781	0.758	0.844	0.986	0.962	0.978	0.958	0.993	1.053	1.110	1.158
Finland	x	x	x	x	x	x	x	x	x	x	x	x	x	x
France	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Germany	0.767	0.764	0.808	0.837	0.803	0.870	1.021	1.050	1.091	1.169	1.245	1.348	1.438	1.528
Greece	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	1.597	1.550	1.597	1.636	1.624	1.806	2.124	2.009	1.913	1.874	x	x	x	x
Ireland	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Italy	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Japan	0.663	0.632	0.616	0.620	0.587	0.607	0.671	0.702	0.724	0.761	0.836	0.961	1.105	1.156
Korea	0.930	0.867	0.949	1.145	1.464	1.579	1.667	1.691	1.649	1.627	1.719	1.810	1.954	2.077
Luxembourg	0.620	0.649	0.675	0.692	0.664	0.726	0.871	0.826	0.822	0.824	0.982	..	..	..
Mexico	0.613	0.644	0.667	0.708	0.727	0.802	0.823	0.861	0.872	0.851	0.851	0.895	0.921	0.922
Netherlands	x	x	x	x	x	x	x	x	x	x	x	x	x	x
New Zealand	0.616	0.615	0.614	0.623	0.585	0.594	0.740	0.711	0.700	0.701	0.770	0.860	1.021	1.050
Norway	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Poland	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Portugal	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Slovak Republic	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Spain	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Sweden	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	x	x	x	x	x	x	x	x	x	x	x	x	x	x
United Kingdom	x	x	x	x	x	x	x	x	x	x	x	x	x	x
United States	0.284	0.293	0.323	0.317	0.272	0.300	0.392	0.375	0.355	0.412	0.489	0.600	0.679	0.739
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..	..	..
OECD Total	0.395	0.401	0.428	0.431	0.394	0.428	0.519	0.516	0.502	0.549	0.616	0.720	0.801	0.855

**Table 11**  
**Premium Unleaded (98RON) Gasoline Prices in US Dollars/litre (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Austria	0.842	0.920	0.942	0.982	0.935	0.938	1.120	1.073	1.072	1.086	1.181	1.299	1.372	1.449
Belgium	0.854	0.855	0.957	1.033	0.976	0.994	1.242	1.221	1.217	1.210	1.300	1.457	1.535	1.651
Canada	0.507	0.534	0.557	0.568	0.537	0.578	0.665	0.654	0.643	0.675	0.739	0.841	0.893	0.909
Czech Republic	..	..	..	..	..	..	..	2.129	1.939	2.028	2.134	2.215	2.269	2.249
Denmark	0.659	0.716	0.783	0.807	0.783	0.868	1.009	0.986	1.010	0.989	1.026	1.094	1.152	1.200
Finland	0.815	0.840	0.937	0.944	0.946	1.013	1.163	1.118	1.096	1.107	1.200	1.259	1.357	1.397
France	0.820	0.869	0.928	0.977	0.960	1.003	1.183	1.152	1.146	1.106	1.155	1.303	1.396	1.473
Germany	0.822	0.833	0.861	0.879	0.839	0.913	1.075	1.116	1.155	1.235	1.312	1.424	1.530	1.614
Greece	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Hungary	..	..	1.753	1.779	1.741	1.925	2.235	2.117	2.018	2.008	1.991	2.094	2.203	..
Ireland	0.918	0.918	0.970	1.015	1.014	0.986	1.091	..	..	..	..	..	..	..
Italy	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Japan	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Korea	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	0.645	0.662	0.695	0.714	0.684	0.751	0.920	0.887	0.878	0.864	1.010	1.145	1.205	1.201
Mexico	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	0.967	0.968	1.020	1.086	1.086	1.136	1.352	1.327	1.342	1.307	1.430	1.566	1.646	1.769
New Zealand	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Norway	0.879	0.920	0.964	1.002	0.962	1.020	1.190	1.078	1.017	1.063	1.151	1.257	1.315	1.401
Poland	..	1.114	1.155	1.198	1.205	1.414	1.817	1.829	1.869	1.957	2.114	2.204	2.194	2.274
Portugal	1.206	1.207	1.231	1.255	1.217	1.203	1.287	1.350	1.299	1.449	1.535	1.718	1.925	2.010
Slovak Republic	2.100	1.496	1.604	1.682	1.595	1.774	2.209	2.139	2.050	2.040	2.193	2.313	2.436	2.356
Spain	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	0.851	0.837	0.889	0.922	0.903	0.940	1.085	1.042	1.035	1.048	1.133	1.227	1.299	1.316
Switzerland	0.600	0.598	0.620	0.661	0.635	0.656	0.781	0.769	0.765	0.766	0.823	0.902	0.989	1.048
Turkey	..	..	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	0.881	0.916	0.994	1.124	1.206	1.270	1.371	1.322	1.272	1.271	1.358	1.439	1.503	1.619
United States	0.345	0.343	0.371	0.365	0.321	0.349	0.439	0.423	0.404	0.462	0.539	0.652	0.733	0.795
OECD Europe	..	0.879	0.942	0.999	0.996	1.066	1.229	1.237	1.231	1.258	1.342	1.451	1.534	1.605
OECD Total	0.463	0.471	0.506	0.513	0.475	0.512	0.611	0.597	0.576	0.622	0.695	0.801	0.881	0.939

**Table 12**  
**Premium Unleaded (95 RON) Gasoline Prices in US Dollars/litre (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	0.531	0.547	..	..	..	..	..	..	..	..	..	..	0.940	0.919
Austria	0.795	0.880	0.895	0.932	0.885	0.888	1.045	0.986	0.976	0.997	1.086	1.184	1.250	1.315
Belgium	0.829	0.833	0.935	1.008	0.939	0.980	1.171	1.139	1.132	1.160	1.274	1.424	1.511	1.631
Canada	0.474	..	..	..	..	..	..	..	0.609	0.638	0.711	0.815	0.863	0.883
Czech Republic	1.914	1.745	1.711	1.732	1.577	1.635	2.018	1.922	1.717	1.768	1.870	1.978	2.070	2.084
Denmark	..	..	0.765	0.791	0.766	0.851	0.993	0.969	0.987	0.963	1.000	1.060	1.117	1.165
Finland	0.790	0.819	0.919	0.930	0.930	0.992	1.139	1.097	1.071	1.084	1.172	1.232	1.329	1.364
France	0.804	0.864	0.921	0.967	0.950	0.994	1.159	1.128	1.120	1.085	1.130	1.259	1.354	1.434
Germany	0.793	0.790	0.834	0.863	0.824	0.897	1.048	1.072	1.113	1.192	1.269	1.370	1.461	1.544
Greece	1.030	0.977	0.993	0.994	0.914	0.914	1.133	1.124	1.114	1.075	1.169	1.250	..	..
Hungary	1.625	1.578	1.640	1.673	1.644	1.836	2.152	2.036	1.940	1.933	1.900	2.027	2.138	2.085
Ireland	0.873	0.870	0.891	0.898	0.847	0.807	0.928	0.896	0.852	0.859	0.949	1.017	1.107	1.114
Italy	1.065	1.129	1.143	1.157	1.126	1.173	1.321	1.304	1.240	1.242	1.292	1.394	1.480	1.525
Japan	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	0.625	0.649	0.680	0.703	0.669	0.735	0.880	0.838	0.827	0.827	0.982	1.108	1.181	1.181
Mexico	..	..	0.767	0.781	0.801	0.885	0.915	0.964	0.979	0.970	1.001	1.047	1.087	1.127
Netherlands	0.939	0.939	0.995	1.062	1.059	1.107	1.298	1.267	1.268	1.251	1.379	1.505	1.581	1.695
New Zealand	..	..	..	0.657	0.620	0.628	0.771	0.745	0.735	0.737	0.809	0.896	1.061	1.083
Norway	0.845	0.886	0.930	0.968	0.929	0.990	1.156	1.045	0.983	1.029	1.112	1.223	1.289	1.370
Poland	1.134	1.000	1.029	1.095	1.108	1.339	1.702	1.695	1.745	1.822	2.010	2.102	2.101	2.174
Portugal	1.175	1.184	1.197	1.211	1.166	1.153	1.238	1.294	1.239	1.368	1.445	1.620	1.818	1.886
Slovak Republic	1.636	1.496	1.564	1.618	1.542	1.794	2.111	2.020	1.892	1.882	2.043	2.168	2.290	2.202
Spain	0.922	0.906	0.930	0.972	0.925	0.955	1.114	1.091	1.110	1.086	1.146	1.244	1.346	1.342
Sweden	0.814	0.802	0.850	0.884	0.860	0.897	1.040	1.011	0.995	1.008	1.096	1.185	1.255	1.287
Switzerland	0.576	0.578	0.601	0.645	0.618	0.639	0.755	0.735	0.731	0.739	0.800	0.877	0.964	1.021
Turkey	1.213	1.195	1.316	1.533	1.462	1.797	2.060	2.317	2.410	2.334	2.416	2.919	3.082	2.968
United Kingdom	0.810	0.841	0.882	0.974	1.005	1.074	1.255	1.210	1.168	1.187	1.270	1.336	1.401	1.519
United States	0.313	0.317	0.346	0.339	0.296	0.326	0.417	0.400	0.380	0.438	0.515	0.626	0.706	0.768
OECD Europe	0.899	0.915	0.955	1.005	0.981	1.051	1.222	1.206	1.197	1.213	1.289	1.400	1.490	1.554
OECD Total	0.486	0.491	0.533	0.542	0.503	0.543	0.646	0.628	0.607	0.647	0.716	0.819	0.895	0.951

**Table 13**  
**Automotive LPG Prices for Commercial Use in US Dollars/litre (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	..	..	..	..	..	..	..	..	0.333	0.333	0.355	0.378	0.451	0.501
Canada	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	..	..	..	..	..	0.635	0.687	0.797	0.824	0.883	0.854
Denmark	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
France	..	..	..	..	..	..	0.464	0.464	0.457	0.480	0.503	0.582	0.650	0.670
Germany	..	..	..	..	..	..	..	..	..	..	..	0.514	0.552	0.563
Greece	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Italy	..	..	..	..	..	..	0.552	0.559	0.513	0.529	0.516	0.543	0.621	0.613
Japan	..	..	..	..	..	..	..	..	0.415	0.439	0.456	0.493	0.577	0.623
Korea	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Luxembourg	..	..	..	..	..	..	0.393	0.331	0.349	0.373	0.399	0.442	0.483	0.489
Mexico	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	..	..	..	..	..	0.432	0.404	0.400	0.395	0.430	0.477	0.534	0.578
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Norway	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	..	..	..	..	..	0.642	0.759	0.807	0.882	0.848
Portugal	..	..	..	..	..	..	..	..	0.547	0.560	0.589	..	..	..
Slovak Republic	..	..	..	..	..	..	..	..	0.625	0.732	0.787	0.864	1.093	0.820
Spain	..	..	..	..	..	..	0.483	0.490	0.477	0.500	0.529	0.611	0.701	0.644
Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	..	..	..	..	..	..	..	..	1.332	1.278	1.255	..	..	1.559
United Kingdom	..	..	..	..	..	..	..	..	..	..	..	..	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..	..	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..	..	..
OECD Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..

**Table 14**  
**Automotive LPG Prices for Non-Commercial Use in US Dollars/litre (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	0.404	0.388
Austria	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	..	..	..	..	..	..	0.441	0.404	0.403	0.402	0.430	0.456	0.546	0.606
Canada	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	..	..	..	..	..	..	..	..	0.774	0.838	0.954	0.980	1.051	1.016
Denmark	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Finland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
France	..	..	..	..	..	..	0.556	0.554	0.547	0.574	0.602	0.696	0.777	0.801
Germany	..	..	..	..	..	..	..	..	..	..	..	0.599	0.640	0.669
Greece	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	..	..	..	..	..	1.172	1.084	1.105	..	1.164	1.291	1.261
Ireland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Italy	..	..	..	..	..	..	0.662	0.670	0.616	0.634	0.620	0.652	0.745	0.735
Japan	..	..	..	..	..	..	..	..	0.442	0.466	0.483	0.522	0.608	0.656
Korea	..	..	..	..	..	..	..	..	..	0.713	0.848	0.916	0.981	1.055
Luxembourg	..	..	..	..	..	..	0.413	0.376	0.374	0.395	0.423	0.468	0.513	0.519
Mexico	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	..	..	..	..	..	0.508	0.480	0.477	0.471	0.511	0.567	0.635	0.688
New Zealand	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Norway	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	..	..	..	..	..	0.783	0.925	0.985	1.076	1.035
Portugal	..	..	..	..	..	..	..	..	0.645	0.666	0.701	0.787	0.843	0.847
Slovak Republic	..	..	..	..	..	..	..	..	0.712	0.834	0.936	1.028	1.300	1.229
Spain	..	..	..	..	..	..	0.561	0.568	0.554	0.580	0.613	0.709	0.813	0.747
Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	..	..	..	..	..	..	..	..	..	..	..	..	..	1.762
United Kingdom	..	..	..	..	..	..	..	..	..	..	..	..	..	..
United States	..	..	..	..	..	..	..	..	..	..	..	..	..	..
OECD Europe	..	..	..	..	..	..	..	..	..	..	..	..	..	..
OECD Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..

**Table 15**  
**Natural Gas Prices for Industry in US Dollars/10<sup>7</sup> kcal (GCV basis) (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	131.3	135.5	139.8	138.5	..	..	..	..	..	..	..	..	..	..
Austria	135.1	135.0	142.4	157.7	151.6	148.0	..	..	..	..	..	..	..	..
Belgium	112.4	113.7	111.7	127.7	c	c	c	c	c	c	c	c	c	c
Canada	88.4	78.9	80.1	83.3	88.1	99.1	108.1	138.3	160.1	239.5	236.6	293.8	256.2	225.9
Czech Republic	385.9	378.2	373.3	379.7	371.4	349.5	400.8	417.0	396.7	408.1	391.5	486.7	635.2	561.5
Denmark	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Finland	97.1	107.4	114.6	125.7	124.2	119.8	142.4	139.2	134.2	139.1	140.8	155.7	204.0	205.4
France	130.4	134.1	138.7	151.4	146.7	143.9	205.5	239.8	213.9	228.3	224.8	288.1	359.7	340.7
Germany	152.4	151.1	156.4	170.1	161.9	155.5	210.6	..	..	..	..	..	..	..
Greece	x	x	x	234.6	176.8	199.8	310.8	307.2	290.9	284.8	269.2	358.2	..	..
Hungary	237.2	215.7	221.1	318.5	329.6	316.4	286.5	319.0	322.6	438.9	462.2	536.6	730.5	808.5
Ireland	309.9	306.9	305.1	295.6	173.7	166.3	128.6	161.5	194.2	203.2	233.8	294.4	368.1	c
Italy	171.4	185.5	195.1	206.7	190.2	c	c	c	c	c	277.5	323.7	416.9	..
Japan	266.5	264.7	270.6	333.1	279.8	271.2	315.0	330.4	311.2	319.4	315.9	341.2	407.1	..
Korea	..	..	..	..	..	..	..	..	..	..	492.9	509.4	618.7	697.6
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	124.5	135.0	180.6	180.9	150.1	149.7	232.2	242.0	180.9	324.7	476.4	545.7	518.5	504.0
Netherlands	113.8	126.5	128.9	138.9	132.2	120.8	202.2	216.5	193.5	212.4	..	..	..	..
New Zealand	96.0	97.1	95.7	95.6	96.2	97.1	91.2	97.0	96.4	121.9	123.2	153.7	189.3	192.0
Norway	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Poland	280.2	267.9	275.2	282.3	278.1	277.5	313.6	381.6	386.3	371.8	352.4	382.7	481.9	535.5
Portugal	x	x	x	..	..	..	..	..	356.8	360.8	321.7	387.3	452.0	446.4
Slovak Republic	301.3	291.8	286.1	290.4	310.0	292.5	295.8	328.0	378.4	485.3	454.7	518.8	650.9	600.5
Spain	158.4	168.3	179.1	190.6	172.1	168.4	258.9	265.8	239.4	240.0	229.0	266.6	373.4	360.2
Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	182.7	177.5	174.1	181.8	184.3	172.6	203.0	272.0	245.4	242.7	250.0	288.1	358.6	419.5
Turkey	315.1	295.1	358.4	398.5	342.3	336.7	386.3	575.3	531.9	445.2	405.0	470.3	559.8	590.7
United Kingdom	145.5	126.0	92.1	98.0	101.8	97.4	108.6	155.5	155.6	157.4	175.1	253.3	319.7	268.4
United States	113.8	100.8	129.2	136.2	119.0	118.7	171.0	198.6	154.4	223.8	252.0	325.2	302.0	291.1
OECD Europe	165.2	165.6	167.2	181.0	172.8	161.1	211.9	..	..	..	..	..	..	..
OECD Total	132.6	126.9	143.4	152.3	138.9	134.2	182.2	209.7	180.1	238.7	268.1	333.5	348.2	329.1



**Table 16**  
**Natural Gas Prices for Electricity Generation in US Dollars/10<sup>7</sup> kcal (GCV basis) (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	137.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	95.6	88.1	102.8	128.9	c	c	c	c	c	c	c	c	c	c
Canada	..	..	..	..	..	..	162.3	185.0	184.8	199.3	181.9	224.9	..	..
Czech Republic	385.9	378.2	373.3	379.7	371.4	349.5	397.0	405.7	385.6	396.7	..	..	..	..
Denmark	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Finland	97.1	107.4	114.6	112.3	107.5	100.9	123.3	120.4	115.2	119.4	120.3	135.4	183.4	184.5
France	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Germany	120.5	127.4	133.9	141.6	134.2	134.3	171.9	..	..	..	..	..	..	..
Greece	..	..	..	c	c	c	c	c	c	c	c	c	c	c
Hungary	179.4	179.5	188.7	274.7	284.4	315.3	261.0	402.8	424.0	403.8	403.8	443.8	634.6	683.9
Ireland	109.4	114.8	108.0	103.4	105.0	102.1	111.6	143.0	159.2	146.9	c	c	c	c
Italy	128.7	139.1	c	c	c	c	c	c	c	c	c	c	c	c
Japan	83.3	85.0	106.0	152.2	..	..	..	..	..	..	..	..	..	..
Korea	..	..	..	..	..	..	..	..	..	..	422.3	476.4	596.0	620.2
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	124.5	135.0	180.6	180.9	150.1	149.7	232.2	242.0	180.9	324.7	435.7	555.8	513.1	459.3
Netherlands	103.4	114.9	115.6	125.8	121.1	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Portugal	x	x	x	..	..	..	..	..	..	243.5	272.5	332.1	402.3	386.7
Slovak Republic	301.3	291.8	286.1	290.4	310.0	292.5	295.8	327.2	375.5	485.3	454.7	518.8	650.9	600.5
Spain	168.3	176.6	186.4	173.4	160.2	153.5	243.6	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	322.9	303.5	325.1	376.5	329.3	328.2	372.0	565.7	529.1	433.5	400.8	465.3	554.5	588.0
United Kingdom	122.1	116.9	114.0	118.6	118.3	108.7	107.9	123.1	112.9	123.9	140.1	181.9	229.1	231.9
United States	86.4	76.8	102.3	109.5	94.3	102.1	172.9	176.3	140.5	213.1	235.7	325.9	274.6	281.4
OECD Europe	135.4	140.3	143.4	156.7	..	..	..	..	..	..	..	..	..	..
OECD Total	98.2	94.3	114.5	130.4	..	..	..	..	..	..	..	..	..	..

**Table 17**  
**Natural Gas Prices for Households in US Dollars/10<sup>7</sup> kcal (GCV basis) (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	322.3	325.3	321.2	339.1	..	..	..	..	..	..	..	..	..	..
Austria	360.8	361.1	387.6	413.5	407.0	402.4	419.3	449.0	449.3	591.3	632.6	672.3	717.1	801.9
Belgium	393.5	391.3	380.7	401.9	399.0	390.0	495.8	..	..	..	..	..	..	..
Canada	197.9	183.2	191.1	196.0	212.1	265.0	240.1	373.8	301.6	387.4	382.5	428.9	453.6	426.8
Czech Republic	313.5	301.3	299.3	321.1	412.1	452.9	581.4	623.0	628.1	646.6	634.9	714.1	858.4	827.9
Denmark	475.2	458.1	508.2	531.0	514.7	539.5	706.3	697.1	683.8	690.1	751.2	881.8	..	..
Finland	118.5	131.0	139.8	149.1	151.5	146.2	173.7	244.2	213.2	220.0	223.0	244.0	289.7	294.2
France	389.4	383.9	371.6	399.6	406.4	379.2	401.0	489.9	498.9	492.5	466.8	515.3	616.9	646.5
Germany	360.0	348.0	340.6	373.2	368.8	367.8	418.5	..	..	..	..	..	..	..
Greece	x	x	x	x	477.8	406.2	407.3	430.0	487.6	504.1	490.9	688.8	..	..
Hungary	221.7	280.3	284.8	363.6	461.0	434.0	408.6	388.5	394.6	453.6	360.7	380.6	483.2	851.7
Ireland	461.1	456.7	454.0	439.9	425.5	439.1	389.6	397.3	397.6	439.7	456.7	517.7	724.5	800.8
Italy	725.0	712.8	723.1	752.6	766.5	732.4	c	c	c	c	718.8	757.5	859.7	..
Japan	747.6	761.4	827.7	925.7	839.9	841.0	900.3	949.8	946.8	991.7	1023.3	1058.5	1158.2	..
Korea	..	..	..	..	..	..	..	..	..	..	655.1	685.2	801.3	902.5
Luxembourg	229.6	230.0	259.2	274.7	260.6	243.7	317.8	353.7	309.6	322.0	321.2	416.7	485.9	..
Mexico	..	..	..	..	..	..	..	..	..	..	864.9	965.5	940.0	917.0
Netherlands	330.8	323.7	337.3	382.6	391.2	382.0	436.3	495.0	537.8	575.6	605.3	717.3	801.4	874.8
New Zealand	343.3	378.7	411.7	455.3	489.9	500.2	547.3	537.3	498.5	655.7	750.4	768.8	788.3	1143.2
Norway	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Poland	387.0	430.9	469.4	492.2	523.1	556.6	583.5	669.6	751.8	718.4	725.8	755.1	908.0	983.1
Portugal	x	x	x	..	..	..	..	..	975.6	996.0	1023.4	1096.4	1153.6	1119.3
Slovak Republic	191.6	185.9	184.1	184.4	182.2	213.5	315.7	354.8	358.3	503.6	657.9	756.4	950.9	938.7
Spain	632.3	644.9	651.3	670.6	666.1	615.8	725.4	767.2	718.9	699.0	683.0	718.0	796.2	822.0
Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	306.0	321.5	322.7	335.1	339.3	330.9	374.5	450.0	434.9	426.3	434.9	479.9	562.8	630.7
Turkey	465.7	394.5	399.5	477.1	432.9	468.4	572.4	696.3	628.6	516.0	457.5	559.2	659.4	696.1
United Kingdom	317.4	326.0	325.9	325.7	309.6	304.0	303.9	317.4	336.9	336.2	365.8	408.5	536.3	607.5
United States	246.5	244.3	264.3	266.8	262.2	257.2	321.5	369.1	303.8	365.5	412.8	492.1	528.2	499.5
OECD Europe	397.7	399.9	396.5	424.1	429.3	423.0	404.2	..	..	..	..	..	..	..
OECD Total	321.3	323.7	335.1	352.3	355.8	352.6	372.4	419.3	383.5	426.6	484.4	550.9	619.8	586.0

**Table 18**  
**Steam Coal Prices for Industry in US Dollars/tonne (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	61.67	63.66	60.55	61.28	62.43	57.38	64.85	67.66	87.83	86.36	155.40	162.07	163.05	168.87
Belgium	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech Rep. *	41.43	40.26	36.36	37.07	36.65	37.13	39.21	40.73	41.48	c	c	c	c	c
Denmark	55.37	56.27	..	..	..	..	..	..	..	..	..	..	..	..
Finland	51.44	62.04	59.76	75.32	75.72	79.35	84.80	93.62	88.96	86.58	101.28	104.44	107.22	111.18
France	97.58	98.78	99.85	101.51	104.44	105.69	107.98	116.01	113.70	109.31	..	..	..	..
Germany	165.24	..	..	..	..	..	..	..	..	..	..	..	..	..
Greece	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	..	..	..	91.70	101.25	..	..	..	..	..	..	..	..	..
Ireland	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Italy	48.96	53.92	48.55	50.95	45.18	38.28	50.73	61.98	51.93	43.91	58.65	67.39	63.38	73.82
Japan	26.29	26.63	32.55	34.20	33.63	26.56	25.30	32.15	33.48	29.92	43.04	54.96	60.93	70.36
Korea	62.13	59.04	57.23	55.62	57.50	73.46	83.08	82.17	81.15	82.46	78.69	81.73	71.98	89.91
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Norway	33.93	..	..	..	..	..	..	..	..	..	..	..	..	..
Poland	80.24	79.46	78.41	82.29	92.30	84.65	90.80	95.00	89.08	95.24	102.23	104.39	106.39	111.57
Portugal	..	..	..	53.83	40.39	37.78	51.30	64.12	51.93	51.42	..	..	..	..
Slovak Republic	..	..	..	77.02	76.81	76.26	..	..	..	..	..	..	..	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	32.60	36.42	38.21	39.07	38.86	37.92	46.93	54.00	46.44	48.87	66.94	67.48	70.12	94.29
Turkey *	70.64	67.10	70.19	76.74	74.56	72.96	71.38	91.34	104.12	86.64	71.70	73.82	77.09	93.57
United Kingdom	63.23	58.28	55.28	54.25	54.51	53.43	55.17	63.28	61.97	60.24	67.21	75.73	74.11	81.81
United States	35.88	35.72	35.59	35.73	35.57	34.81	34.97	36.12	37.00	37.70	43.32	52.12	52.12	59.82
OECD Europe	83.59	72.45	..	..	..	..	..	..	..	..	..	..	..	..
OECD Total	53.34	48.86	50.08	50.79	51.09	47.46	49.17	51.93	51.45	50.00	54.21	61.65	62.35	71.53

\* Brown coal price for the Czech Republic and Turkey.

**Table 19**  
**Steam Coal Prices for Electricity Generation in US Dollars/tonne (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	64.46	c	c	c	c	c	64.71	55.68	62.38	64.55	74.93	80.65	84.73	88.32
Belgium	36.20	35.08	38.46	41.47	33.28	30.80	39.84	47.59	42.28	36.23	65.15	71.96	56.27	65.00
Canada	..	..	..	..	..	..	21.53	23.54	24.49	23.97	21.50	24.47	..	..
Czech Rep. *	23.36	23.16	22.45	22.20	22.03	23.55	21.64	21.52	19.48	c	c	c	c	c
Denmark	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Finland	51.44	62.04	59.76	45.63	38.58	36.92	42.08	51.54	46.55	42.32	55.38	58.99	61.09	64.22
France	36.96	37.67	37.95	43.65	38.51	37.41	42.98	55.08	50.29	40.08	54.50	65.47	63.68	68.47
Germany	116.84	118.10	43.31	43.92	42.45	40.38	47.53	60.65	51.48	48.28	62.94	71.91	70.41	..
Greece*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hungary*	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Ireland	42.79	45.50	48.91	44.96	36.80	31.16	34.15	39.82	39.63	31.03	53.88	55.16	48.39	60.78
Italy	61.82	61.74	59.10	60.25	55.93	c	c	c	c	c	c	c	c	c
Japan	40.76	39.62	44.74	42.90	39.70	31.23	28.48	34.71	34.51	..	..	..	..	..
Korea	..	..	..	..	..	..	..	..	..	..	68.68	71.53	64.46	76.38
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mexico**	48.82	56.13	47.85	48.97	47.79	48.78	49.26	50.26	49.67	50.79	58.85	62.61	63.98	66.68
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Norway	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poland	73.27	66.01	60.93	64.48	68.66	66.23	66.54	69.13	71.90	76.50	78.48	81.00	84.22	82.45
Portugal	50.42	51.15	52.58	54.71	46.68	42.43	46.83	61.09	48.43	48.14	64.72	76.93	66.05	79.56
Slovak Republic*	..	..	..	52.12	51.54	49.00	..	..	..	..	..	..	..	..
Spain	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Turkey *	29.49	33.53	33.87	31.30	31.62	31.99	31.82	29.46	37.52	36.91	45.54	38.97	39.40	37.18
United Kingdom	57.20	54.90	54.98	53.18	46.78	44.51	46.09	51.47	47.26	43.89	51.63	55.59	58.38	66.39
United States	31.01	30.14	29.48	29.11	28.64	27.82	27.46	28.18	28.68	29.05	30.92	35.30	38.76	40.63
OECD Europe	64.58	62.80	48.18	48.08	45.74	43.99	46.45	52.15	49.61	..	..	..	..	..
OECD Total	38.79	37.68	34.19	33.58	32.60	30.91	30.71	32.86	33.06	33.53	38.65	42.82	45.36	47.08

\* Brown coal price for the Czech Republic, Greece, Hungary, Slovak Republic (from 2002 onwards) and Turkey.

\*\* Sub-bituminous coal for Mexico.

**Table 20**  
**Coking Coal Prices for Industry in US Dollars/tonne (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Austria	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	48.97	46.22	48.45	55.97	54.01	50.23	57.42	68.18	..	..	..	..	..	..
Canada	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech Republic	151.08	144.76	122.73	130.43	125.37	129.01	127.90	137.38	139.54	c	c	c	c	c
Denmark	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Finland	..	74.28	78.48	93.19	95.96	99.16	108.65	116.11	116.17	110.43	131.09	160.93	167.16	173.21
France	51.49	47.55	48.10	53.01	51.70	48.30	54.55	63.83	70.81	58.64	64.26	96.51	117.14	102.70
Germany	46.42	43.74	46.93	53.44	50.78	c	c	c	c	c	c	c	c	c
Greece	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hungary	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Ireland	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Italy	58.42	61.59	58.56	62.56	62.48	57.44	67.10	76.52	72.49	62.58	69.80	95.22	102.97	101.12
Japan	31.04	30.90	37.68	42.20	43.17	32.69	29.53	35.75	39.90	37.96	52.31	82.83	94.16	93.03
Korea	..	..	..	..	..	..	..	..	..	..	98.79	142.64	141.60	131.49
Luxembourg	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Mexico	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Norway	60.13	59.54	x	x	x	x	x	x	x	x	x	x	x	x
Poland	129.58	124.20	111.94	108.44	99.96	87.84	91.98	103.16	106.71	110.68	188.79	196.51	155.85	159.82
Portugal	48.69	50.69	52.76	55.67	49.06	42.77	49.03	61.50	48.89	48.58	..	..	..	..
Slovak Republic	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Spain	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Turkey	98.99	140.90	167.88	193.19	163.09	128.08	154.28	179.48	185.58	156.48	182.00	199.32	223.48	234.13
United Kingdom	..	..	..	..	..	..	..	..	..	..	..	..	..	..
United States	51.31	52.18	52.18	52.24	50.79	50.55	49.04	51.32	56.45	55.86	67.85	92.44	102.79	105.29
OECD Europe	84.96	85.14	82.15	87.99	..	..	..	..	..	..	..	..	..	..
OECD Total	57.32	57.86	59.01	63.37	..	..	..	..	..	..	..	..	..	..

**Table 21**  
**Electricity Prices for Industry in US Dollars/kWh (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	0.047	0.062	0.061	0.058	0.058	0.060	0.059	0.064	0.067	0.061	0.061	..	..	..
Austria	0.064	0.064	0.067	0.078	0.077	0.058	0.046	..	..	..	0.088	0.094	0.100	0.115
Belgium	0.060	0.062	0.061	0.061	0.060	0.057	0.058	..	..	..	..	..	..	..
Canada	0.045	0.044	0.045	0.045	0.047	0.047	0.046	0.053	0.050	0.053	0.052	0.055	..	..
Czech Republic	0.158	0.146	0.135	0.129	0.120	0.118	0.117	0.114	0.112	0.113	0.119	0.134	0.148	0.165
Denmark	0.047	0.046	0.050	0.050	0.054	0.054	0.055	0.059	0.066	0.071	0.068	..	..	..
Finland	0.045	0.044	0.048	0.045	0.045	0.043	0.042	0.042	0.045	0.057	0.060	0.058	..	0.062
France	0.045	0.046	0.045	0.045	0.043	0.043	0.041	0.042	0.043	0.042	0.043	0.043	0.044	0.046
Germany	0.074	0.073	0.067	0.064	0.061	0.055	0.045	0.051	0.055	0.063	0.069	0.076	0.085	..
Greece	0.074	0.074	0.069	0.068	0.065	0.066	0.067	0.072	0.074	0.072	0.073	0.077	..	..
Hungary	0.098	0.092	0.101	0.119	0.127	0.129	0.127	0.131	0.132	0.146	0.149	0.148	0.169	0.186
Ireland	0.064	0.063	0.063	0.062	0.060	0.057	0.055	0.068	0.079	0.082	0.077	0.078	0.096	0.109
Italy	0.100	0.099	0.100	0.101	0.105	0.098	0.118	0.149	0.142	0.152	0.149	0.160	0.192	0.203
Japan	0.098	0.100	0.101	0.105	0.101	0.100	0.100	0.103	0.100	0.101	0.102	0.104	0.109	..
Korea	0.070	0.068	0.068	0.068	0.072	0.073	0.078	0.081	0.077	0.076	0.076	0.076	0.081	0.088
Luxembourg	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mexico	0.066	0.059	0.066	0.074	0.070	0.071	0.079	0.078	0.083	0.099	0.123	0.134	0.150	0.148
Netherlands	0.058	0.059	0.060	0.061	0.062	0.063	0.069	0.072	c	c	c	c	c	c
New Zealand	0.040	0.043	0.042	0.047	0.048	0.043	0.043	0.044	0.048	0.053	0.051	0.057	0.060	0.063
Norway	..	..	..	..	..	..	0.019	0.025	0.027	0.035	0.033	0.032	0.040	0.033
Poland	0.086	0.082	0.080	0.078	0.078	0.084	0.087	0.099	0.109	0.119	0.118	0.119	0.120	0.118
Portugal	0.145	0.136	0.126	0.123	0.117	0.105	0.104	0.104	0.103	0.104	0.104	0.111	0.125	0.134
Slovak Republic	0.120	0.111	0.113	0.120	0.121	0.113	0.123	0.133	0.135	0.154	0.155	0.156	0.169	0.196
Spain	0.092	0.080	0.079	0.074	0.071	0.063	0.063	0.062	0.070	0.063	0.064	0.087	0.096	0.085
Sweden	0.030	0.030	0.033	0.028	..	..	..	..	..	..	..	..	..	..
Switzerland	0.072	0.075	0.077	0.078	0.078	0.073	0.063	0.062	0.062	0.060	0.059	0.058	0.059	0.061
Turkey	0.172	0.143	0.165	0.155	0.150	0.165	0.177	0.228	0.232	0.193	0.176	0.164	0.158	0.146
United Kingdom	0.069	0.068	0.065	0.062	0.061	0.060	0.057	0.056	0.055	0.052	0.058	0.074	0.097	0.105
United States *	0.047	0.047	0.046	0.045	0.045	0.039	0.046	0.050	0.048	0.051	0.053	0.057	0.062	0.064
OECD Europe	0.076	0.074	0.073	0.072	0.073	0.070	0.068	0.078	0.080	0.083	0.084	0.091	0.105	..
OECD Total	0.065	0.064	0.064	0.064	0.063	0.060	0.063	0.069	0.069	0.072	0.074	0.080	0.090	..

\* Price excluding tax for the United States.

**Table 22**  
**Electricity Prices for Households in US Dollars/kWh (using PPPs)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	0.080	0.081	0.080	0.082	0.083	0.084	0.083	0.091	0.092	0.094	0.098	..	..	..
Austria	0.148	0.151	0.160	0.162	0.164	0.138	0.141	0.144	0.154	0.152	0.163	0.160	0.159	0.183
Belgium	0.156	0.159	0.158	0.160	0.159	0.155	0.161	..	..	..	..	..	..	..
Canada	0.065	0.064	0.065	0.066	0.068	0.068	0.064	0.067	0.069	0.070	0.071	0.076	..	..
Czech Republic	0.091	0.090	0.087	0.092	0.115	0.125	0.148	0.160	0.174	0.170	0.174	0.176	0.193	0.209
Denmark	0.135	0.138	0.148	0.153	0.170	0.171	0.190	0.192	0.198	0.198	0.202	0.207	0.223	0.224
Finland	0.080	0.080	0.085	0.088	0.088	0.086	0.085	0.085	0.090	0.098	0.102	0.099	0.105	0.112
France	0.127	0.128	0.129	0.122	0.120	0.118	0.117	0.120	0.123	0.120	0.121	0.124	0.125	0.130
Germany	0.147	0.148	0.140	0.143	0.145	0.146	0.135	0.145	0.153	0.169	0.178	0.192	0.200	..
Greece	0.133	0.135	0.134	0.130	0.130	0.119	0.112	0.117	0.123	0.123	0.124	0.129	..	..
Hungary	0.085	0.119	0.124	0.148	0.159	0.170	0.171	0.177	0.179	0.190	0.215	0.227	0.233	0.261
Ireland	0.129	0.127	0.129	0.128	0.125	0.118	0.114	0.106	0.113	0.128	0.138	0.156	0.158	0.177
Italy	0.179	0.181	0.175	0.172	0.177	0.169	0.180	0.204	0.195	0.193	0.177	0.182	0.207	0.221
Japan	0.143	0.145	0.147	0.149	0.147	0.149	0.149	0.153	0.152	0.154	0.158	0.160	0.167	..
Korea	0.131	0.125	0.125	0.126	0.126	0.128	0.126	0.121	0.113	0.111	0.115	0.115	0.123	0.129
Luxembourg	0.106	0.113	0.115	0.115	0.116	0.118	0.114	0.115	0.127	0.134	0.128	0.163	0.159	0.177
Mexico	0.108	0.098	0.098	0.099	0.101	0.101	0.106	0.111	0.136	0.144	0.143	0.148	0.152	0.135
Netherlands	0.104	0.108	0.125	0.126	0.127	0.137	0.159	0.178	0.182	0.185	0.196	0.212	0.230	0.242
New Zealand	0.078	0.081	0.086	0.092	0.091	0.092	0.092	0.096	0.104	0.109	0.120	0.126	0.135	0.148
Norway	0.053	0.054	0.058	0.061	0.054	0.053	0.056	0.071	0.071	0.096	0.088	0.089	0.112	0.090
Poland	0.120	0.128	0.130	0.135	0.141	0.148	0.154	0.174	0.187	0.200	0.203	0.206	0.216	0.216
Portugal	0.211	0.209	0.205	0.203	0.200	0.189	0.185	0.186	0.190	0.196	0.197	0.204	0.209	0.222
Slovak Republic	0.077	0.072	0.072	0.072	0.070	0.095	0.146	0.193	0.190	0.229	0.251	0.254	0.267	0.268
Spain	0.206	0.206	0.202	0.200	0.193	0.180	0.173	0.164	0.165	0.162	0.161	0.161	0.173	0.177
Sweden	0.071	0.072	0.080	0.083	..	..	..	..	..	..	..	..	..	..
Switzerland	0.090	0.099	0.102	0.104	0.104	0.105	0.101	0.100	0.103	0.101	0.101	0.099	0.097	0.099
Turkey	0.170	0.142	0.168	0.160	0.157	0.173	0.186	0.240	0.245	0.205	0.195	0.182	0.176	0.163
United Kingdom	0.125	0.126	0.126	0.120	0.113	0.110	0.111	0.112	0.112	0.111	0.119	0.126	0.155	0.176
United States *	0.084	0.084	0.084	0.084	0.083	0.082	0.082	0.085	0.085	0.087	0.090	0.094	0.104	0.106
OECD Europe	0.130	0.132	0.132	0.132	0.134	0.133	0.134	0.141	0.145	0.148	0.151	0.156	0.169	..
OECD Total	0.104	0.105	0.105	0.106	0.105	0.105	0.104	0.109	0.109	0.112	0.115	0.121	0.133	..

\* Price excluding tax for the United States.





## **PART III**

# **ENERGY END-USE PRICES IN NON-OECD COUNTRIES**



**A. ENERGY END-USE PRICES,  
TAXES AND PRICE INDICES  
IN NATIONAL CURRENCIES**

## BULGARIA

Table 1 - Average Prices and Taxes in Bulgarian Leva

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	687	52	-	52	739	..	..	..	..	..
2Q2008	701	52	-	52	753	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	1059	600	-	600	1659	1059	600	332	932	1991
2Q2008	1213	600	-	600	1813	1213	600	363	963	2175
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	1.072	0.600	-	0.600	1.672	1.072	0.600	0.335	0.935	2.007
2Q2008	1.257	0.600	-	0.600	1.857	1.257	0.600	0.372	0.972	2.229

## BULGARIA

Table 2 - Average Prices and Taxes in Bulgarian Leva

Premium Leaded Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	0.933	0.685	0.324	1.009	1.941
2Q2008	..	..	..	..	..	1.026	0.685	0.343	1.028	2.053
Automotive LPG (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**BULGARIA**  
**Table 3 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	..	..	..	..	..	..	..
1997	..	52.7	..	35.5	..	47.5	..	35.5
1998	..	55.6	..	41.7	..	47.7	..	50.5
1999	..	57.4	..	50.3	..	48.0	..	65.2
2000	..	77.4	..	58.4	..	66.4	..	75.4
2001	..	81.1	..	61.1	..	73.9	..	80.8
2002	..	80.2	..	72.0	..	75.7	..	93.3
2003	..	79.6	..	84.8	..	78.8	..	98.0
2004	..	85.1	..	95.1	..	86.7	..	98.2
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	105.9	..	100.2	..	116.4	..	110.0
2007	..	112.0	..	104.0	..	114.4	..	118.9
2Q2000	..	76.3	..	57.5	..	62.5	..	73.6
3Q2000	..	80.3	..	59.0	..	63.4	..	76.4
4Q2000	..	82.0	..	59.8	..	75.5	..	79.9
1Q2001	..	76.8	..	59.8	..	71.0	..	80.1
2Q2001	..	85.4	..	59.8	..	68.2	..	80.0
3Q2001	..	83.6	..	59.8	..	76.9	..	80.6
4Q2001	..	78.6	..	65.0	..	79.5	..	82.6
1Q2002	..	78.3	..	65.9	..	78.3	..	93.4
2Q2002	..	81.9	..	65.9	..	73.0	..	92.4
3Q2002	..	78.8	..	77.8	..	71.8	..	90.4
4Q2002	..	81.7	..	78.4	..	79.6	..	97.0
1Q2003	..	88.0	..	78.7	..	83.6	..	98.9
2Q2003	..	76.5	..	79.2	..	75.3	..	94.8
3Q2003	..	75.8	..	90.9	..	76.4	..	97.0
4Q2003	..	78.3	..	90.3	..	79.8	..	101.3
1Q2004	..	79.8	..	89.9	..	83.7	..	98.6
2Q2004	..	83.4	..	90.6	..	80.8	..	96.2
3Q2004	..	87.9	..	100.3	..	84.8	..	98.0
4Q2004	..	89.1	..	99.6	..	97.7	..	99.9
1Q2005	..	87.2	..	99.3	..	95.4	..	99.6
2Q2005	..	97.9	..	100.2	..	87.3	..	97.8
3Q2005	..	109.4	..	100.2	..	97.1	..	97.8
4Q2005	..	105.4	..	100.2	..	120.3	..	104.7
1Q2006	..	102.2	..	100.2	..	117.7	..	108.5
2Q2006	..	107.4	..	100.2	..	111.8	..	108.3
3Q2006	..	112.0	..	100.2	..	119.3	..	109.2
4Q2006	..	101.9	..	100.1	..	116.6	..	113.9
1Q2007	..	103.0	..	100.1	..	116.1	..	116.8
2Q2007	..	112.9	..	100.1	..	109.7	..	116.8
3Q2007	..	114.4	..	107.9	..	112.9	..	118.8
4Q2007	..	117.8	..	107.9	..	118.9	..	123.1
1Q2008	..	124.4	..	107.9	..	123.2	..	133.8
2Q2008	..	..	..	..	..	..	..	..

# BULGARIA

## GENERAL NOTES

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry because it is refunded on purchases for commercial purposes.

VAT was created in 1993 in Bulgaria, to replace a communist tax on turnover, and was applicable from 1994 onwards.

From	To	%
01.01.94	31.12.95	18
01.01.96	31.12.98	22
01.01.99	now	20

## OIL PRODUCTS

**Source:** Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

Prices shown are the prices most frequently charged, based on a weighted average.

### Heavy Fuel Oil

Delivered consumer prices for offtakes of less than 2 000 tonnes per month or less than 24 000 tonnes per year.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*High Sulphur Fuel Oil*

Sulphur content: > 1%

### Light Fuel Oil

Delivered consumer prices for deliveries of 2 000 to 5 000 litres (for offtakes of less than 2 000 litres the industrial sector may be taken into consideration).

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Heating gas oil

### Automotive Diesel Oil

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Automotive gas oil

### Gasoline

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*Unleaded Premium 95 RON Gasoline*

Quality: Euro Super 95

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### Oil Products

Retail: HICP, Fuels and lubricants for personal transport equipment (cp0722).

### Electricity

Retail: HICP, Electricity (cp0451).

### Natural Gas

Retail: HICP, Gas (cp0452).

### Coal

Retail: HICP, Solid fuels (cp0454).

**PEOPLE'S REPUBLIC OF CHINA**  
**Table 1 - Average Total Prices in Chinese Yuan**

	Heavy Fuel Oil (per tonne)		Light Fuel Oil (per 1000 litres)		Automotive Diesel (per litre)	
	HSFO	LSFO	Industry	Househods	Commercial	Non-Commercial
1997	1191.8	..	..	..	2.160	..
1998	..	..	..	..	2.002	..
1999	..	..	..	..	2.086	..
2000	..	..	..	..	2.734	..
2001	..	..	..	..	2.473	2.631
2002	..	..	..	..	2.497	2.624
2003	..	..	..	..	2.773	2.898
2004	..	..	..	..	3.328	3.219
2005	..	..	..	..	3.959	3.661
2006	..	..	..	..	4.592	4.436
2007	..	..	..	..	4.722	4.873
2Q2007	..	..	..	..	4.731	4.892
3Q2007	..	..	..	..	4.551	4.703
4Q2007	..	..	..	..	5.039	5.261
1Q2008	..	..	..	..	5.040	5.294
2Q2008	..	..	..	..	..	..

	Gasoline (per litre)			Natural Gas (per 10 <sup>7</sup> kilocalories GCV)		
	Premium Leaded	Premium Unleaded	Regular Unleaded	Industry	Electricity Generation	Households
1997	2.004	..	..	187.1	..	..
1998	1.987	2.570	..	..	..	..
1999	1.989	2.578	..	..	..	..
2000	2.621	2.888	..	..	..	..
2001	2.616	..	2.669	..	..	..
2002	2.593	..	2.653	..	..	..
2003	..	..	2.908	..	..	..
2004	..	3.615	3.227	..	..	..
2005	..	4.006	3.686	..	..	..
2006	..	..	4.447	..	..	..
2007	..	..	4.604	..	..	..
2Q2007	..	..	4.530	..	..	..
3Q2007	..	..	4.530	..	..	..
4Q2007	..	..	5.025	..	..	..
1Q2008	..	..	5.028	..	..	..
2Q2008	..	..	..	..	..	..

	Coal (per tonne)				Electricity (per kilowatt hour)	
	Coking Coal Industry	Steam Coal Industry	Steam Coal Elec. Gen.	Steam Coal Households	Industry	Households
1997	422.6	238.1	..	353.0	..	0.3798
1998	334.9	245.8	..	311.7	..	..
1999	315.1	237.5	..	314.6	..	..
2000	308.3	225.8	..	308.4	..	..
2001	..	224.7	..	299.1	..	..
2002	317.7	251.6	..	317.8	..	..
2003	341.7	266.0	..	..	..	..
2004	432.1	357.3	..	..	..	..
2005	505.7	..	..	..	..	..
2006	..	..	..	..	..	..
2007	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..



# PEOPLE'S REPUBLIC OF CHINA

## GENERAL NOTES

Prices refer to average market prices for 35 major cities except for automotive diesel for non-commercial use and regular unleaded gasoline where prices are for Beijing.

### General Tax (VAT)

	%
Coal and natural gas	13
Oil products	17

**Sources:** Beijing Energy Efficiency Centre unless otherwise specified.

## OIL PRODUCTS

### *Heavy Fuel Oil for Industry*

#### Specifications

Quality: No. 250 Heavy Fuel Oil, vacuum residuum

**Sources:** Beijing Energy Efficiency Centre. Published: *China Energy Databook*, Pacific Northwest National Laboratory.

### *Light Fuel Oil for Households*

#### Specifications

Quality: Kerosene for lighting

**Sources:** Beijing Energy Efficiency Centre. Published: *China Energy Databook*, Pacific Northwest National Laboratory.

### *Automotive Diesel for Commercial Use*

#### Specifications

Quality: Light Diesel Oil No. 0 for Public Transport Use (commercial)

**Sources:** From 2001 onwards, *China Petroleum Data Monthly*, China Economic Information Service, Xinhua News Agency. From 1995 until 2000, Beijing Energy Efficiency Centre. Prior to 1995, *China Energy Databook*, Pacific Northwest National Laboratory.

### *Automotive Diesel for Non-Commercial Use*

#### Specifications

Quality: Light Diesel Oil No. 0 (non-commercial)

**Source:** *China Petroleum Data Monthly*, China Economic Information Service, Xinhua News Agency.

### *Gasoline*

#### Specifications

##### *Unleaded Premium*

Quality: Unleaded Premium Gasoline  
Grade: 97 RON

##### *Leaded Premium*

Quality: Leaded Premium Gasoline  
Grade: 90 RON

##### *Unleaded Regular*

Quality: Unleaded Regular Gasoline  
Grade: 90 RON

**Sources:** For unleaded and leaded premium, Beijing Energy Efficiency Centre. Published: *China Energy Databook*, Pacific Northwest National Laboratory. For unleaded regular, *China Petroleum Data Monthly*, China Economic Information Service, Xinhua News Agency.

## NATURAL GAS

Prices refer to natural gas from gas fields (industrial use).

## COAL

From 1996 onwards, more than two-thirds of the coal prices have been opened to the market. However, prices for electricity generation are still supervised by the government. From January 1994 to December 1995, the coal prices were in the process of liberalisation. Prior to January 1994, China operated a dual pricing system for coal. Under this arrangement there were two types of coal: "allocated coal" (plan prices fixed or state mine production) produced from state, provincial and country mines; and "free market coal" (sold at negotiated prices) produced by small township mines. Prices varied according to regional supply/demand situations.

### *Steam Coal for Industry*

#### Specifications

Quality: Anthracite

**Sources:** From 1997 onwards, Beijing Energy Efficiency Centre. Prior to 1997, *China Energy Databook*, Pacific Northwest National Laboratory.

### *Steam Coal for Households*

#### **Specifications**

Quality: Ordinary Bituminous Coal  
NCV: 4 990 kcal/kg (assumed)

**Sources:** From 1995 onwards, Beijing Energy Efficiency Centre. Prior to 1995, *China Energy Databook*, Pacific Northwest National Laboratory.

### *Coking Coal*

#### **Specifications**

Quality: Metallurgical Coke  
Diameter: > 40mm  
NCV: 6 800 kcal/kg (assumed)

**Sources:** Beijing Energy Efficiency Centre. Published: *China Energy Databook*, Pacific Northwest National Laboratory.

## **ELECTRICITY**

### *Industry*

Prices refer to electricity for ordinary industry and are a nationally regulated single price with consumption less than 250 V.

**Sources:** From 1996 onwards, *Electric Power Industry in China*. *China Energy Databook*, Pacific Northwest National Laboratory.

### *Households*

**Source:** *Electric Power Industry in China*.

**CHINESE TAIPEI**  
**Table 1 - Average Prices and Taxes in Taipei Dollars**

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	4435	105	227	332	4767
1998	..	..	..	..	..	4230	105	217	322	4552
1999	..	..	..	..	..	3983	105	204	309	4292
2000	..	..	..	..	..	5915	105	301	406	6321
2001	..	..	..	..	..	6447	106	328	434	6881
2002	6641	110	338	448	7089	7083	110	360	470	7553
2003	7497	110	380	490	7987	7881	110	399	509	8391
2004	7772	110	394	504	8276	8132	110	412	522	8654
2005	8368	110	424	534	8902	8728	110	442	552	9280
2006	10674	110	539	649	11323	11034	110	557	667	11701
2007	13123	110	662	772	13895	13483	110	680	790	14273
2Q2007	12709	110	641	751	13460	13069	110	659	769	13838
3Q2007	13753	110	693	803	14556	14112	110	711	821	14934
4Q2007	14229	110	717	827	15056	14588	110	735	845	15433
1Q2008	14229	110	717	827	15056	14588	110	735	845	15433
2Q2008	14229	110	717	827	15056	14588	110	735	845	15433

Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	5989	100	304	404	6393	x	x	x	x	x
1998	5790	100	295	395	6185	x	x	x	x	x
1999	5549	100	283	383	5932	x	x	x	x	x
2000	7701	100	390	490	8191	x	x	x	x	x
2001	7257	103	368	471	7728	x	x	x	x	x
2002	7100	110	361	471	7571	x	x	x	x	x
2003	7739	110	392	502	8241	x	x	x	x	x
2004	7902	110	401	511	8412	x	x	x	x	x
2005	8470	110	429	539	9009	x	x	x	x	x
2006	10667	110	539	649	11316	x	x	x	x	x
2007	11662	110	589	699	12360	x	x	x	x	x
2Q2007	11639	110	587	697	12336	x	x	x	x	x
3Q2007	11639	110	587	697	12336	x	x	x	x	x
4Q2007	11639	110	587	697	12336	x	x	x	x	x
1Q2008	11639	110	587	697	12336	x	x	x	x	x
2Q2008	11639	110	587	697	12336	x	x	x	x	x

Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	8.54	3.80	0.62	4.42	12.96	7.40	3.80	0.56	4.36	11.76
1998	8.22	3.80	0.60	4.40	12.62	7.07	3.80	0.54	4.34	11.42
1999	7.86	3.80	0.58	4.38	12.25	6.72	3.80	0.53	4.33	11.05
2000	9.42	3.80	0.66	4.46	13.88	8.28	3.80	0.60	4.40	12.68
2001	9.36	3.85	0.66	4.51	13.87	8.36	3.85	0.61	4.46	12.82
2002	9.13	3.99	0.66	4.65	13.77	8.53	3.99	0.63	4.62	13.15
2003	10.54	3.99	0.73	4.72	15.26	10.06	3.99	0.70	4.69	14.76
2004	12.03	3.99	0.80	4.79	16.82	11.66	3.99	0.78	4.77	16.43
2005	14.52	3.99	0.93	4.92	19.44	14.05	3.99	0.90	4.89	18.94
2006	17.81	3.99	1.09	5.08	22.89	17.20	3.99	1.06	5.05	22.25
2007	19.85	3.99	1.19	5.18	25.03	18.79	3.99	1.14	5.13	23.92
2Q2007	19.25	3.99	1.16	5.15	24.40	18.77	3.99	1.14	5.13	23.90
3Q2007	20.64	3.99	1.23	5.22	25.86	19.63	3.99	1.18	5.17	24.80
4Q2007	21.89	3.99	1.29	5.28	27.17	19.63	3.99	1.18	5.17	24.80
1Q2008	22.20	3.99	1.31	5.30	27.50	19.63	3.99	1.18	5.17	24.80
2Q2008	22.20	3.99	1.31	5.30	27.50	..	..	..	..	..

**CHINESE TAIPEI**  
**Table 2 - Average Prices and Taxes in Taipei Dollars**

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	10.546	6.500	0.852	7.352	17.898
1998	x	x	x	x	x	10.143	6.500	0.832	7.332	17.475
1999	..	..	..	..	..	11.113	6.500	0.881	7.381	18.494
2000	12.249	6.500	0.937	7.437	19.686	11.535	6.500	0.902	7.402	18.937
2001	12.779	6.583	0.968	7.551	20.330	11.565	6.583	0.907	7.490	19.055
2002	12.153	6.830	0.949	7.779	19.923	10.954	6.830	0.889	7.719	18.674
2003	13.927	6.830	1.038	7.868	21.794	12.552	6.830	0.969	7.799	20.351
2004	15.890	6.830	1.136	7.966	23.856	14.463	6.830	1.065	7.895	22.357
2005	17.634	6.830	1.223	8.053	25.687	16.205	6.830	1.152	7.982	24.187
2006	20.260	6.830	1.354	8.184	28.444	18.831	6.830	1.283	8.113	26.944
2007	21.696	6.830	1.426	8.256	29.952	20.128	6.830	1.348	8.178	28.306
2Q2007	21.080	6.830	1.396	8.226	29.305	19.651	6.830	1.324	8.154	27.805
3Q2007	22.320	6.830	1.458	8.288	30.608	20.892	6.830	1.386	8.216	29.108
4Q2007	23.525	6.830	1.518	8.348	31.873	22.097	6.830	1.446	8.276	30.373
1Q2008	23.837	6.830	1.533	8.363	32.200	22.408	6.830	1.462	8.292	30.700
2Q2008	23.837	6.830	1.533	8.363	32.200	22.408	6.830	1.462	8.292	30.700
Regular Unleaded Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	9.594	6.500	0.805	7.305	16.899	8280	124	420	544	8824
1998	9.191	6.500	0.785	7.285	16.476	8316	124	422	546	8862
1999	8.592	6.500	0.755	7.255	15.847	7505	124	381	505	8010
2000	10.345	6.500	0.842	7.342	17.687	8691	124	441	565	9256
2001	10.545	6.583	0.856	7.439	17.984	9193	93	464	557	9750
2002	9.976	6.830	0.840	7.670	17.646	8944	-	447	447	9391
2003	11.886	6.830	0.937	7.766	19.651	9903	-	495	495	10398
2004	13.851	6.830	1.034	7.864	21.715	10723	-	536	536	11259
2005	15.539	6.830	1.118	7.948	23.487	11868	-	593	593	12461
2006	18.165	6.830	1.250	8.080	26.244	12820	-	641	641	13461
2007	19.601	6.830	1.322	8.152	27.752	14875	-	744	744	15619
2Q2007	18.985	6.830	1.291	8.121	27.105	14514	-	726	726	15240
3Q2007	20.225	6.830	1.353	8.183	28.408	15293	-	765	765	16057
4Q2007	21.430	6.830	1.413	8.243	29.673	15309	-	765	765	16075
1Q2008	21.741	6.830	1.429	8.259	30.000	15309	-	765	765	16075
2Q2008	21.741	6.830	1.429	8.259	30.000	15309	-	765	765	16075
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	6865	111	349	460	7325	11662	124	589	713	12375
1998	6873	111	349	460	7333	11751	124	594	718	12469
1999	6085	111	310	421	6506	10770	124	545	669	11439
2000	7176	111	364	475	7651	11647	124	589	713	12360
2001	7789	83	394	477	8266	11892	93	599	692	12584
2002	8301	-	415	415	8716	8336	-	417	417	8753
2003	8476	-	424	424	8900	9133	-	457	457	9590
2004	8946	-	447	447	9393	9878	-	494	494	10372
2005	9998	-	500	500	10498	11037	-	552	552	11589
2006	10798	-	540	540	11338	11951	-	598	598	12549
2007	12535	-	627	627	13162	13626	-	681	681	14308
2Q2007	12633	-	632	632	13265	13526	-	676	676	14202
3Q2007	13745	-	687	687	14432	13793	-	690	690	14483
4Q2007	12663	-	633	633	13296	13793	-	690	690	14483
1Q2008	11794	-	590	590	12384	13793	-	690	690	14483
2Q2008	13105	-	655	655	13760	13793	-	690	690	14483

**CHINESE TAIPEI**  
**Table 3 - Average Prices and Taxes in Taipei Dollars**

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	2195	-	110	110	2305	2977	-	149	149	3126
1998	2195	-	110	110	2305	2969	-	148	148	3117
1999	2195	-	110	110	2305	2961	-	148	148	3109
2000	2195	-	110	110	2305	2961	-	148	148	3109
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	x	x	x	x	x
1998	x	x	x	x	x	x	x	x	x	x
1999	x	x	x	x	x	x	x	x	x	x
2000	x	x	x	x	x	x	x	x	x	x
2001	x	x	x	x	x	x	x	x	x	x
2002	x	x	x	x	x	x	x	x	x	x
2003	x	x	x	x	x	x	x	x	x	x
2004	x	x	x	x	x	x	x	x	x	x
2005	x	x	x	x	x	x	x	x	x	x
2006	x	x	x	x	x	x	x	x	x	x
2007	x	x	x	x	x	x	x	x	x	x
2Q2007	x	x	x	x	x	x	x	x	x	x
3Q2007	x	x	x	x	x	x	x	x	x	x
4Q2007	x	x	x	x	x	x	x	x	x	x
1Q2008	x	x	x	x	x	x	x	x	x	x
2Q2008	x	x	x	x	x	x	x	x	x	x

Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1.8778	-	0.0939	0.0939	1.9717	2.4351	-	0.1218	0.1218	2.5569
1998	1.8391	-	0.0920	0.0920	1.9311	2.4600	-	0.1230	0.1230	2.5830
1999	1.7966	-	0.0898	0.0898	1.8865	2.4135	-	0.1207	0.1207	2.5342
2000	1.7969	-	0.0898	0.0898	1.8867	2.4025	-	0.1201	0.1201	2.5226
2001	1.7967	-	0.0898	0.0898	1.8865	2.4122	-	0.1206	0.1206	2.5328
2002	1.7381	-	0.0869	0.0869	1.8250	2.3334	-	0.1167	0.1167	2.4500
2003	1.7416	-	0.0871	0.0871	1.8287	2.4231	-	0.1212	0.1212	2.5443
2004	1.7357	-	0.0868	0.0868	1.8225	2.4113	-	0.1206	0.1206	2.5319
2005	1.7338	-	0.0867	0.0867	1.8205	2.4079	-	0.1204	0.1204	2.5283
2006	1.7821	-	0.0891	0.0891	1.8712	2.4411	-	0.1221	0.1221	2.5631
2007	1.8313	-	0.0916	0.0916	1.9229	2.4744	-	0.1237	0.1237	2.5982
2Q2007	1.8127	-	0.0906	0.0906	1.9033	2.4063	-	0.1203	0.1203	2.5266
3Q2007	2.0109	-	0.1005	0.1005	2.1114	2.7685	-	0.1384	0.1384	2.9069
4Q2007	1.7596	-	0.0880	0.0880	1.8476	2.4679	-	0.1234	0.1234	2.5913
1Q2008	1.7142	-	0.0857	0.0857	1.7999	2.2531	-	0.1127	0.1127	2.3657
2Q2008	1.7142	-	0.0857	0.0857	1.7999	2.2531	-	0.1127	0.1127	2.3657

**CHINESE TAIPEI**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2000 = 100	Wholesale	Retail 2000 = 100	Wholesale	Retail 2000 = 100	Wholesale	Retail
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	65.4	..	147.1	..	85.7	..	..
1997	..	72.1	..	259.7	..	96.7	..	..
1998	..	69.9	..	250.8	..	97.0	..	..
1999	..	76.0	..	177.8	..	87.0	..	..
2000	..	100.0	..	100.0	..	100.0	..	..
2001	..	103.5	..	100.0	..	105.3	..	..
2002	..	98.2	..	97.7	..	100.8	..	..
2003	..	114.3	..	96.7	..	106.3	..	..
2004	..	123.6	..	96.3	..	113.1	..	..
2005	..	135.4	..	96.2	..	126.2	..	..
2006	..	159.0	..	98.9	..	136.4	..	..
2007	..	177.1	..	101.6	..	157.8	..	..
2Q2000	..	101.5	..	98.5	..	98.1	..	..
3Q2000	..	104.2	..	109.4	..	104.3	..	..
4Q2000	..	100.5	..	96.3	..	103.2	..	..
1Q2001	..	99.5	..	95.2	..	104.1	..	..
2Q2001	..	106.4	..	98.4	..	107.2	..	..
3Q2001	..	104.8	..	109.3	..	107.0	..	..
4Q2001	..	103.0	..	96.0	..	102.9	..	..
1Q2002	..	98.2	..	93.7	..	100.8	..	..
2Q2002	..	99.2	..	96.1	..	98.5	..	..
3Q2002	..	103.2	..	107.3	..	98.3	..	..
4Q2002	..	111.7	..	92.7	..	91.0	..	..
1Q2003	..	118.4	..	91.6	..	93.8	..	..
2Q2003	..	113.5	..	92.2	..	110.0	..	..
3Q2003	..	113.7	..	104.2	..	113.3	..	..
4Q2003	..	111.5	..	93.3	..	108.1	..	..
1Q2004	..	117.7	..	91.1	..	102.5	..	..
2Q2004	..	121.9	..	95.0	..	117.2	..	..
3Q2004	..	125.5	..	104.9	..	119.8	..	..
4Q2004	..	129.0	..	93.2	..	113.0	..	..
1Q2005	..	128.7	..	91.8	..	115.2	..	..
2Q2005	..	133.0	..	94.4	..	128.5	..	..
3Q2005	..	139.0	..	105.1	..	133.6	..	..
4Q2005	..	140.8	..	92.5	..	127.5	..	..
1Q2006	..	143.3	..	90.6	..	121.6	..	..
2Q2006	..	156.3	..	93.1	..	132.0	..	..
3Q2006	..	170.0	..	113.3	..	144.7	..	..
4Q2006	..	166.1	..	98.5	..	147.1	..	..
1Q2007	..	162.1	..	96.6	..	144.0	..	..
2Q2007	..	173.3	..	100.6	..	158.0	..	..
3Q2007	..	183.2	..	111.6	..	169.2	..	..
4Q2007	..	189.4	..	97.7	..	159.9	..	..
1Q2008	..	161.8	..	95.1	..	152.4	..	..
2Q2008	..	161.8	..	95.1	..	163.7	..	..

# CHINESE TAIPEI

## GENERAL NOTES

From 1Q91 onwards, quarterly prices refer to the three-month average. Prior to 1Q91, prices refer to end-year and end-quarter.

### General Tax (VAT)

From	To	%
01.04.86	now	5

**Sources:** Bureau of Energy, Ministry of Economic Affairs, Republic of China unless otherwise specified. Data published: *Energy Indicators Quarterly*, Taiwan Area, the Republic of China.

## OIL PRODUCTS

**Excise Tax:** Applies to fuel oils. The excise amount is applied to the "appraisal value" price (approximately 88% of the ex-tax price).

From	To	Amount
01.07.93	30.06.95	3% of appraisal value
01.07.95	12.10.01	105 TWD/klitre
13.10.01	now	110 TWD/klitre

### High Sulphur Fuel Oil for Industry

#### Specifications

Density: 0.942 t/kl  
 NCV: 9 200 kcal/l  
 Sulphur Content:

From	To	%
01.01.80	31.12.86	3.5
01.01.87	31.12.89	2.0
01.01.90	30.06.93	1.5
01.07.93	now	1.0

### Low Sulphur Fuel Oil for Industry

Produced and consumed since 1 July 1993.

#### Specifications

Density: 0.93 t/kl  
 Sulphur Content: 0.5%  
 NCV: 9 500 - 12 000 kcal/l

### Fuel Oil for Electricity Generation

#### Specifications

Quality: Fuel Oil C  
 Sulphur Content: 1%  
 Density: 0.953 t/kl  
 NCV: 9 200 kcal/l

### Light Fuel Oil for Industry

**Excise Tax:** As shown in excise tax column.

#### Specifications

Quality: Low Sulphur Light Fuel Oil  
 Density: 0.89 - 0.90 t/kl  
 NCV: 9 800 - 12 000 kcal/l

### Automotive Diesel Oil

#### Excise Tax

From	To	Amount
01.01.89	20.01.94	60% of appraisal value
21.01.94	24.02.94	65% of appraisal value
25.02.94	30.06.95	75% of appraisal value
01.07.95	12.10.01	3.8 TWD/kl
13.10.01	now	3.99 TWD/kl

#### Specifications

NCV: 8 800 kcal/l  
 Density: 0.81-0.82 t/kl  
 Cetane number: 46

#### Premium Diesel Oil

Sulphur Content: < 0.3%

#### Regular Diesel Oil

Sulphur Content: < 1.0%

### Gasoline

#### Excise Tax

From	To	Amount
14.02.92	20.01.94	75% of appraisal value
21.01.94	24.02.94	82% of appraisal value
25.02.94	30.06.95	90% of appraisal value
01.07.95	12.10.01	6.5 TWD/litre
13.10.01	now	6.83 TWD/litre

#### Specifications

NCV: 11 000 kcal/l  
 Density: 0.84 t/kl

#### Premium Leaded and Premium Unleaded

Octane: 95 RON and 98 RON

#### Regular Unleaded

Octane: 92 RON (1988 onwards)  
 82 RON (1982 - 1987)

## NATURAL GAS

### *Industry and Households*

Industry prices refer to the regions of Hsinchu and Miao Li.

Household prices refer to the region of Taipei.

#### Specifications

Quality: Natural Gas (fuel)  
NCV

From	To	kcal/ m <sup>3</sup>
1954	1990	9 000
1991	now	8 900

### *Electricity Generation*

Prices refer to imported liquefied natural gas (LNG).

#### Specifications

NCV: 9 900 kcal/m<sup>3</sup>

## COAL

#### Specifications

NCV: 7 000 kcal/kg

### *Steam Coal for Industry*

Prices refer to the median of the following market selling prices for each period:

Year	TWD/ tonne
1984	2 400 - 2 600
1985	2 300 - 2 600
1986	2 500 - 2 650
1987 - 1989	2 450 - 2 650
1990	2 200 - 2 500
1991 - 2000	2 000 - 2 610

From 2001 onwards, coal is no longer produced in mines in Chinese Taipei.

### *Steam Coal for Electricity Generation*

Prices shown are annual average expenditure incurred by TPC and other governmental organisations.

**Source:** Taiwan Provincial Bureau of Mines (TPBM), Taipei.

## ELECTRICITY

#### Special Taxes

From	To	%	Type of Tax
01.01.80	31.03.86	0.60	Business tax
		0.40	Stamp tax
		0.15	Education Surtax
01.04.86	now	5.00	VAT

Prices shown for industry and households are derived from calendar year average revenues per kWh for power (industry) and for light (households).

**Source:** TPC, Taipei.

## ENERGY PRICE INDICES

**Source:** Correspondence with the Bureau of Energy, Ministry of Economic Affairs, Republic of China.

### *Oil Products*

Retail: Weighted average of premium gasoline and premium diesel oil.

### *Electricity*

Retail: Lighting.

### *Natural Gas*

Retail: Natural gas (fuel).



## CYPRUS

Table 1 - Average Prices and Taxes in Euro

High Sulphur Fuel Oil for Industry (per tonne)						Heavy Fuel Oil for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	86.10
1998	..	..	..	..	..	..	..	..	..	61.27
1999	..	..	..	..	..	..	..	..	..	83.28
2000	..	..	..	..	..	..	..	..	..	149.93
2001	..	..	..	..	..	..	..	..	..	136.93
2002	..	..	..	..	..	..	..	..	..	140.55
2003	..	..	..	..	..	..	..	..	..	149.16
2004	..	..	..	..	..	..	..	..	..	133.10
2005	310.33	15.17	-	15.17	325.50	..	..	..	..	182.51
2006	373.64	15.38	-	15.38	389.02	..	..	..	..	239.07
2007	406.43	15.38	-	15.38	421.81	..	..	..	..	..
2Q2007	378.42	15.38	-	15.38	393.80	..	..	..	..	..
3Q2007	434.85	15.38	-	15.38	450.23	..	..	..	..	..
4Q2007	479.42	15.38	-	15.38	494.80	..	..	..	..	..
1Q2008	504.25	24.88	-	24.88	529.13	..	..	..	..	..
2Q2008	527.31	24.88	-	24.88	552.19	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	434.3	184.5	-	184.5	618.8	434.3	184.5	92.8	277.4	711.6
2006	500.8	180.3	-	180.3	681.1	500.8	180.3	102.2	282.4	783.2
2007	508.7	180.3	-	180.3	689.0	508.7	180.3	103.3	283.6	792.3
2Q2007	484.6	193.1	-	193.1	677.6	484.6	193.1	101.6	294.7	779.3
3Q2007	523.7	193.1	-	193.1	716.8	523.7	193.1	107.5	300.6	824.3
4Q2007	576.3	142.0	-	142.0	718.3	576.3	142.0	107.7	249.7	826.1
1Q2008	604.2	31.2	-	31.2	635.4	604.2	31.2	95.3	126.5	730.8
2Q2008	644.9	135.4	-	135.4	780.3	644.9	135.4	117.0	252.5	897.3
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	0.472	0.244	-	0.244	0.716	0.472	0.244	0.107	0.351	0.823
2006	0.525	0.244	-	0.244	0.769	0.525	0.244	0.115	0.359	0.884
2007	0.539	0.244	-	0.244	0.783	0.539	0.244	0.118	0.362	0.900
2Q2007	0.520	0.244	-	0.244	0.764	0.520	0.244	0.115	0.359	0.878
3Q2007	0.553	0.244	-	0.244	0.797	0.553	0.244	0.120	0.364	0.916
4Q2007	0.611	0.244	-	0.244	0.855	0.611	0.244	0.128	0.372	0.983
1Q2008	0.631	0.256	-	0.256	0.887	0.631	0.256	0.133	0.389	1.020
2Q2008	0.711	0.256	-	0.256	0.967	0.711	0.256	0.145	0.401	1.112

## CYPRUS

Table 2 - Average Prices and Taxes in Euro

Premium Leaded Gasoline (per litre)						Regular Leaded (92 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	0.598	..	..	..	..	0.571
1998	..	..	..	..	0.598	..	..	..	..	0.571
1999	..	..	..	..	0.605	..	..	..	..	0.578
2000	..	..	..	..	0.667	..	..	..	..	0.634
2001	..	..	..	..	0.686	..	..	..	..	0.660
2002	..	..	..	..	0.715	..	..	..	..	0.690
2003	..	..	..	..	0.656	..	..	..	..	..
2004	..	..	..	..	0.668	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Premium Unleaded (95 RON) Gasoline (per litre)						Premium Unleaded (98 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	0.598	..	..	..	..	..
1998	..	..	..	..	0.598	..	..	..	..	..
1999	..	..	..	..	0.598	..	..	..	..	..
2000	..	..	..	..	0.634	..	..	..	..	0.650
2001	..	..	..	..	0.654	..	..	..	..	0.687
2002	..	..	..	..	0.683	..	..	..	..	0.715
2003	..	..	..	..	0.606	..	..	..	..	0.621
2004	..	..	..	..	0.668	..	..	..	..	0.696
2005	0.437	0.299	0.110	0.409	0.846	..	..	..	..	0.763
2006	0.500	0.299	0.120	0.419	0.919	..	..	..	..	0.819
2007	0.524	0.299	0.123	0.422	0.946	..	..	..	..	..
2Q2007	0.543	0.299	0.126	0.425	0.968	..	..	..	..	..
3Q2007	0.549	0.299	0.127	0.426	0.975	..	..	..	..	..
4Q2007	0.557	0.299	0.128	0.427	0.984	..	..	..	..	..
1Q2008	0.568	0.309	0.132	0.441	1.009	..	..	..	..	..
2Q2008	0.604	0.309	0.137	0.446	1.050	..	..	..	..	..
Automotive LPG (per litre)						Electricity for Industry (per kilovatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	0.187	..	..	..	..	0.073
1998	..	..	..	..	0.187	..	..	..	..	0.064
1999	..	..	..	..	0.187	..	..	..	..	0.068
2000	..	..	..	..	0.187	..	..	..	..	0.092
2001	..	..	..	..	0.187	..	..	..	..	0.087
2002	..	..	..	..	0.187	..	..	..	..	0.085
2003	..	..	..	..	0.245	..	..	..	..	0.092
2004	..	..	..	..	0.307	..	..	..	..	0.085
2005	..	..	..	..	0.381	..	..	..	..	0.099
2006	..	..	..	..	0.446	..	..	..	..	0.114
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**CYPRUS**  
**Table 3 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	50.4	..	60.2	..	45.0	..	91.0
1997	..	52.7	..	67.3	..	47.3	..	91.0
1998	..	51.4	..	58.1	..	47.3	..	91.2
1999	..	52.0	..	59.8	..	47.3	..	91.8
2000	..	59.8	..	88.1	..	47.3	..	93.1
2001	..	62.0	..	85.2	..	47.3	..	94.0
2002	..	69.0	..	83.6	..	47.3	..	95.1
2003	..	76.6	..	91.9	..	61.8	..	96.7
2004	..	88.3	..	89.4	..	82.8	..	97.2
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	107.5	..	113.2	..	114.3	..	99.2
2007	..	110.1	..	112.9	..	123.0	..	99.6
2Q2000	..	55.2	..	89.2	..	47.3	..	92.9
3Q2000	..	62.3	..	91.4	..	47.3	..	93.7
4Q2000	..	66.5	..	90.9	..	47.3	..	93.9
1Q2001	..	61.5	..	91.2	..	47.3	..	93.9
2Q2001	..	62.3	..	83.1	..	47.3	..	93.9
3Q2001	..	62.4	..	83.7	..	47.3	..	94.0
4Q2001	..	61.6	..	83.0	..	47.3	..	94.5
1Q2002	..	60.7	..	79.4	..	47.3	..	94.7
2Q2002	..	64.1	..	80.2	..	47.3	..	94.7
3Q2002	..	75.6	..	86.1	..	47.3	..	95.2
4Q2002	..	75.6	..	88.6	..	47.3	..	95.7
1Q2003	..	75.6	..	90.3	..	58.1	..	96.7
2Q2003	..	79.5	..	93.5	..	65.2	..	96.7
3Q2003	..	73.8	..	91.5	..	62.0	..	96.7
4Q2003	..	77.4	..	92.4	..	62.0	..	96.7
1Q2004	..	82.2	..	88.0	..	70.5	..	96.7
2Q2004	..	86.6	..	86.1	..	75.2	..	96.7
3Q2004	..	91.7	..	91.4	..	84.1	..	96.7
4Q2004	..	92.7	..	92.2	..	101.3	..	98.7
1Q2005	..	91.2	..	88.3	..	98.8	..	100.3
2Q2005	..	97.5	..	93.6	..	93.7	..	100.2
3Q2005	..	105.9	..	104.8	..	93.4	..	99.5
4Q2005	..	105.3	..	113.2	..	114.1	..	100.0
1Q2006	..	103.1	..	111.7	..	120.8	..	100.1
2Q2006	..	111.0	..	113.7	..	114.5	..	99.3
3Q2006	..	112.9	..	114.6	..	109.8	..	98.7
4Q2006	..	102.7	..	112.7	..	112.2	..	98.7
1Q2007	..	100.9	..	107.8	..	115.3	..	99.3
2Q2007	..	111.1	..	105.7	..	119.2	..	100.0
3Q2007	..	112.4	..	115.3	..	121.8	..	99.3
4Q2007	..	115.8	..	122.7	..	135.8	..	99.9
1Q2008	..	118.6	..	129.2	..	139.3	..	97.3
2Q2008	..	..	..	..	..	..	..	..

## CYPRUS

### GENERAL NOTES

**Conversion to Euro:** Prices and taxes prior to 1 January 2008, the date of entry into the Economic and Monetary Union (EMU), have been converted from Cypriot Pounds using the appropriate irrevocable conversion rate of 0.585274 CYP/Euro. This methodology facilitates comparisons within a country over time and ensures that the historical evolution (i.e. growth rates) is preserved. However, pre-EMU Euro are a notional unit and are not normally suitable to form area aggregates or to carry out cross-country comparisons.

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry because it is refunded on purchases for commercial purposes.

From	To	%
01.05.04	now	15

**Source:** Unless otherwise specified, published in *Industrial Statistics* by Statistical Service Cyprus. Prices from this source refer to the retail prices at the filling stations, including excise taxes and excluding VAT.

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

**Note by all the European Union Member States of the OECD and the European Commission:** The Republic of Cyprus is recognised by all members of the United Nations with the exception of Turkey. The information in this book relates to the area under the effective control of the Government of the Republic of Cyprus.

### OIL PRODUCTS

Prices shown are the prices most frequently charged, based on a weighted average.

### *Heavy Fuel Oil for Industry*

Delivered consumer prices for offtakes of less than 2 000 tonnes per month or less than 24 000 tonnes per year.

**Excise Tax:** As shown in excise tax column.

#### **Specifications:**

*High Sulphur Fuel Oil*

Sulphur content: > 1%

**Source:** for HSFO used for industry, prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### *Light Fuel Oil*

Delivered consumer prices for deliveries of 2 000 to 5 000 litres (for offtakes of less than 2 000 litres the industrial sector may be taken into consideration).

**Excise Tax:** As shown in excise tax column.

#### **Specifications:**

Quality: Heating gas oil

**Source:** prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### *Automotive Diesel Oil*

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### **Specifications:**

Quality: Automotive gas oil

**Source:** prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### *Gasoline*

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### **Specifications:**

*Unleaded Premium 95 RON Gasoline*

Quality: Euro Super 95

*Regular Leaded Gasoline*

Quality: Leaded 92 RON

**Source:** for Unleaded (95 RON), prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### *Oil Products*

Retail: Weighted average of HICP, Liquid fuels (cp0453) and HICP, Fuels and lubricants for personal transport equipment (cp0722).

### *Electricity*

Retail: HICP, Electricity (cp0451).

### *Natural Gas*

Retail: HICP, Gas (cp0452).

### *Coal*

Retail: HICP, Solid fuels (cp0454).

## ESTONIA

Table 1 - Average Prices and Taxes in Estonian Krooni

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	5899	690	-	690	6589	5899	690	1186	1876	7775
2006	6689	690	-	690	7379	6689	690	1328	2018	8707
2007	6802	690	-	690	7492	6802	690	1349	2039	8841
2Q2007	6269	690	-	690	6959	6269	690	1253	1943	8211
3Q2007	6749	690	-	690	7439	6749	690	1339	2029	8778
4Q2007	8026	690	-	690	8716	8026	690	1569	2259	10285
1Q2008	8740	960	-	960	9700	8740	960	1746	2706	11446
2Q2008	9971	960	-	960	10931	9971	960	1968	2928	12899
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	6.803	3.840	-	3.840	10.643	6.803	3.840	1.916	5.756	12.559
2006	7.679	3.840	-	3.840	11.519	7.679	3.840	2.073	5.913	13.592
2007	7.657	3.840	-	3.840	11.497	7.657	3.840	2.070	5.910	13.566
2Q2007	7.120	3.840	-	3.840	10.960	7.120	3.840	1.973	5.813	12.933
3Q2007	7.600	3.840	-	3.840	11.440	7.600	3.840	2.059	5.899	13.499
4Q2007	8.791	3.840	-	3.840	12.631	8.791	3.840	2.274	6.114	14.904
1Q2008	9.534	5.165	-	5.165	14.699	9.534	5.165	2.646	7.811	17.344
2Q2008	10.484	5.165	-	5.165	15.649	10.484	5.165	2.817	7.982	18.466

## ESTONIA

Table 2 - Average Prices and Taxes in Estonian Krooni

Premium Leaded Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	6.060	4.500	1.901	6.401	12.461
2006	..	..	..	..	..	6.979	4.500	2.066	6.566	13.545
2007	..	..	..	..	..	7.149	4.500	2.097	6.597	13.746
2Q2007	..	..	..	..	..	7.486	4.500	2.157	6.657	14.144
3Q2007	..	..	..	..	..	7.451	4.500	2.151	6.651	14.102
4Q2007	..	..	..	..	..	7.458	4.500	2.153	6.653	14.111
1Q2008	..	..	..	..	..	7.879	5.620	2.430	8.050	15.929
2Q2008	..	..	..	..	..	8.604	5.620	2.561	8.181	16.785
Automotive LPG (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	5.071	0.876	1.070	1.946	7.017	..	..	..	..	..
2006	6.299	0.876	1.292	2.168	8.467	..	..	..	..	..
2007	6.304	0.876	1.293	2.169	8.473	..	..	..	..	..
2Q2007	5.974	0.876	1.233	2.109	8.083	..	..	..	..	..
3Q2007	6.118	0.876	1.259	2.135	8.253	..	..	..	..	..
4Q2007	6.610	0.876	1.348	2.224	8.833	..	..	..	..	..
1Q2008	7.280	1.094	1.507	2.601	9.881	..	..	..	..	..
2Q2008	7.296	1.094	1.510	2.604	9.900	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**ESTONIA**  
**Table 3 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	35.1	..	30.0	..	37.4	..	45.6
1997	..	42.9	..	38.8	..	47.3	..	47.3
1998	..	47.6	..	45.9	..	59.1	..	47.7
1999	..	55.0	..	53.0	..	75.3	..	53.4
2000	..	74.2	..	53.0	..	80.7	..	52.2
2001	..	75.3	..	66.8	..	83.3	..	56.1
2002	..	72.6	..	83.7	..	95.6	..	61.4
2003	..	73.2	..	90.0	..	92.4	..	65.9
2004	..	83.6	..	90.0	..	94.6	..	78.1
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	107.7	..	102.5	..	124.2	..	124.1
2007	..	108.9	..	103.3	..	157.5	..	155.7
2Q2000	..	71.4	..	53.0	..	79.6	..	50.7
3Q2000	..	75.0	..	53.0	..	80.0	..	52.9
4Q2000	..	81.5	..	53.0	..	83.2	..	54.1
1Q2001	..	75.1	..	66.4	..	83.3	..	54.6
2Q2001	..	76.7	..	66.8	..	83.3	..	54.8
3Q2001	..	77.0	..	66.8	..	83.3	..	56.4
4Q2001	..	72.3	..	67.3	..	83.2	..	58.8
1Q2002	..	70.1	..	67.3	..	95.7	..	61.0
2Q2002	..	73.4	..	87.9	..	95.5	..	60.8
3Q2002	..	73.4	..	89.6	..	95.5	..	61.7
4Q2002	..	73.5	..	90.0	..	95.6	..	62.1
1Q2003	..	76.3	..	90.0	..	94.6	..	65.7
2Q2003	..	73.4	..	90.0	..	92.3	..	64.5
3Q2003	..	70.5	..	90.0	..	91.3	..	65.5
4Q2003	..	72.4	..	90.0	..	91.6	..	67.8
1Q2004	..	72.3	..	90.0	..	93.5	..	72.2
2Q2004	..	85.0	..	90.0	..	94.2	..	75.6
3Q2004	..	86.5	..	90.0	..	94.2	..	78.1
4Q2004	..	90.6	..	90.0	..	96.7	..	86.5
1Q2005	..	88.5	..	94.0	..	97.6	..	93.3
2Q2005	..	96.4	..	102.0	..	100.0	..	90.7
3Q2005	..	108.2	..	102.0	..	101.2	..	103.2
4Q2005	..	106.9	..	102.0	..	101.2	..	112.8
1Q2006	..	106.0	..	102.3	..	114.8	..	116.1
2Q2006	..	112.8	..	102.6	..	115.0	..	121.3
3Q2006	..	112.5	..	102.6	..	113.3	..	126.7
4Q2006	..	99.4	..	102.6	..	153.7	..	132.2
1Q2007	..	101.1	..	102.9	..	153.3	..	140.0
2Q2007	..	110.5	..	103.4	..	153.2	..	141.4
3Q2007	..	110.7	..	103.6	..	153.3	..	166.0
4Q2007	..	113.4	..	103.6	..	170.4	..	175.5
1Q2008	..	128.8	..	108.4	..	178.9	..	180.8
2Q2008	..	..	..	..	..	..	..	..



# ESTONIA

## GENERAL NOTES

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry because it is refunded on purchases for commercial purposes.

From	To	%
01.05.04	now	18

## OIL PRODUCTS

**Source:** Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

Prices shown are the prices most frequently charged, based on a weighted average.

### Heavy Fuel Oil

Delivered consumer prices for offtakes of less than 2 000 tonnes per month or less than 24 000 tonnes per year.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*Low Sulphur Fuel Oil*

Sulphur content: ≤ 1%

### Light Fuel Oil

Delivered consumer prices for deliveries of 2 000 to 5 000 litres (for offtakes of less than 2 000 litres the industrial sector may be taken into consideration).

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Heating gas oil

### Automotive Diesel Oil

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Automotive gas oil

### Gasoline

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*Unleaded Premium 95 RON Gasoline*

Quality: Euro Super 95

### Automotive LPG

Pump prices.

**Excise Tax:** As shown in excise tax column.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### Oil Products

Retail: HICP, Fuels and lubricants for personal transport equipment (cp0722).

### Electricity

Retail: HICP, Electricity (cp0451).

### Natural Gas

Retail: HICP, Gas (cp0452).

### Coal

Retail: HICP, Solid fuels (cp0454).

## INDIA

Table 1 - Average Prices and Taxes in Indian Rupees

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	5127	711	628	1339	6466	..	..	..	..	..
1998	4104	778	623	1401	5505	..	..	..	..	..
1999	4466	986	709	1694	6161	..	..	..	..	..
2000	10065	1110	1453	2563	12627	..	..	..	..	..
2001	7307	1169	1297	2466	9773	..	..	..	..	..
2002	8478	1357	1505	2861	11340	..	..	..	..	..
2003	10446	1671	1915	3586	14032	..	..	..	..	..
2004	9947	1592	1823	3415	13362	..	..	..	..	..
2005	10792	1761	1983	3745	14537	..	..	..	..	..
2006	17176	2803	2497	5300	22476	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Kerosene Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	6578	828	718	1546	8124	..	..	..	..	6453
1998	6988	740	618	1358	8346	..	..	..	..	6675
1999	5791	1334	1220	2553	8051	..	..	..	..	7003
2000	10297	1675	1976	3651	13528	..	..	..	..	10350
2001	12311	1970	2185	4155	16466	..	..	..	..	7570
2002	11211	1794	1990	3784	14995	..	..	..	..	9008
2003	14731	3857	2937	6794	21525	..	..	..	..	9260
2004	14201	3772	2840	6612	20813	..	..	..	..	9260
2005	17251	5365	3573	8939	26190	..	..	..	..	9271
2006	20601	5912	3314	9226	29828	..	..	..	..	9048
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	7.80	0.86	1.82	2.68	10.48	..	..	..	..	..
1998	8.18	1.20	1.97	3.17	11.35	..	..	..	..	..
1999	9.10	1.20	2.16	3.36	12.46	..	..	..	..	..
2000	12.11	2.60	3.09	5.69	17.80	..	..	..	..	..
2001	12.92	2.56	5.18	7.74	20.67	..	..	..	..	..
2002	12.23	2.94	5.92	8.86	21.09	..	..	..	..	..
2003	16.37	3.78	7.72	11.50	27.88	..	..	..	..	..
2004	16.08	3.74	7.61	11.35	27.42	..	..	..	..	..
2005	18.99	4.87	8.97	13.84	32.83	..	..	..	..	..
2006	22.28	5.14	10.15	15.28	37.57	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## INDIA

Table 2 - Average Prices and Taxes in Indian Rupees

Premium Leaded (93 RON) Gasoline (per litre)						Regular Leaded (87 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	..	18.04	2.67	4.35	7.02	25.06
1998	..	..	..	..	..	17.71	3.92	4.54	8.46	26.17
1999	..	..	..	..	..	18.16	5.14	4.89	10.03	28.18
2000	..	..	..	..	..	17.96	6.13	5.06	11.19	29.14
2001	..	..	..	..	..	21.64	4.29	5.36	9.65	31.81
2002	..	..	..	..	..	14.51	11.67	5.44	17.11	32.16
2003	..	..	..	..	..	17.96	6.13	5.06	11.19	29.14
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Regular Unleaded Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	..	1172.10	..	..	..	..
1998	..	..	..	..	..	1238.51	..	..	..	..
1999	..	..	..	..	..	1391.13	..	..	..	..
2000	..	..	..	..	..	1660.47	..	..	..	..
2001	20.27	4.22	7.23	11.45	31.72	1660.47	..	..	..	..
2002	12.28	10.78	7.72	18.50	30.77	1660.47	..	..	..	..
2003	16.70	12.36	9.53	21.89	38.59	1660.47	..	..	..	..
2004	16.84	12.40	9.58	21.98	38.82	1660.47	..	..	..	..
2005	17.94	14.71	10.58	25.29	43.23	1768.00	..	..	..	..
2006	22.19	15.05	11.92	26.96	49.16	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

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Table 3 - Average Prices and Taxes in Indian Rupees

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	638	139	31	170	808	559	74	25	99	658
1998	815	139	38	177	992	559	74	25	99	658
1999	856	139	40	178	1034	598	74	27	100	698
2000	915	139	42	181	1096	639	74	29	102	741
2001	1007	139	46	184	1191	703	74	31	105	808
2002	1197	139	53	192	1389	703	74	31	105	808
2003	1197	172	55	227	1424	703	92	32	124	827
2004	1289	175	59	234	1522	757	95	34	129	886
2005	1380	175	62	237	1617	810	95	36	131	941
2006	1380	175	62	237	1617	810	95	36	131	941
2007	1380	184	63	246	1626	810	101	36	138	948
2Q2007	1380	175	62	237	1617	810	95	36	131	941
3Q2007	1380	175	62	237	1617	810	95	36	131	941
4Q2007	1380	209	64	273	1653	810	121	37	158	968
1Q2008	1520	216	69	285	1805	890	125	41	165	1055
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	2546	1226	199	57	256	1482
1998	..	..	..	..	2693	1287	199	59	259	1546
1999	..	..	..	..	2861	1384	199	63	263	1647
2000	..	..	..	..	2977	1453	199	66	265	1718
2001	..	..	..	..	3045	1598	199	72	271	1869
2002	..	..	..	..	3223	1598	199	72	271	1869
2003	..	..	..	..	3402	1650	257	76	333	1983
2004	..	..	..	..	..	2065	260	93	353	2418
2005	..	..	..	..	4006	2480	260	110	370	2850
2006	..	..	..	..	..	2480	260	110	370	2850
2007	..	..	..	..	..	2480	274	110	384	2864
2Q2007	..	..	..	..	4661	2480	260	110	370	2850
3Q2007	..	..	..	..	..	2480	260	110	370	2850
4Q2007	..	..	..	..	..	2480	314	112	426	2906
1Q2008	..	..	..	..	..	2730	327	122	449	3179
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price	Ex-Tax Price	Excise Tax	Sales Tax	Total Tax	Total Price
1997	..	..	..	..	3.2460	..	..	..	..	1.1620
1998	..	..	..	..	3.3850	..	..	..	..	1.1970
1999	..	..	..	..	3.5050	..	..	..	..	1.2390
2000	..	..	..	..	3.6020	..	..	..	..	1.4840
2001	..	..	..	..	..	..	..	..	..	1.6280
2002	..	..	..	..	..	..	..	..	..	1.7170
2003	..	..	..	..	..	..	..	..	..	1.8700
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	2.0550
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	2.2370
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**INDIA**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale 1993 =100	Retail	Wholesale 1993 =100	Retail	Wholesale	Retail	Wholesale 1993 =100	Retail
1987	62.1	..	52.4	..	..	..	55.8	..
1988	62.1	..	55.5	..	..	..	62.6	..
1989	62.1	..	59.0	..	..	..	67.4	..
1990	75.5	..	63.1	..	..	..	68.9	..
1991	84.3	..	70.0	..	..	..	74.2	..
1992	92.6	..	78.2	..	..	..	87.5	..
1993	100.0	..	100.0	..	..	..	100.0	..
1994	106.6	..	113.6	..	..	..	105.2	..
1995	106.7	..	127.8	..	..	..	107.1	..
1996	118.8	..	133.5	..	..	..	121.7	..
1997	135.9	..	151.8	..	..	..	135.5	..
1998	139.0	..	157.2	..	..	..	142.4	..
1999	157.9	..	168.9	..	..	..	148.1	..
2000	226.3	..	200.0	..	..	..	167.5	..
2001	246.8	..	224.8	..	..	..	167.9	..
2002	267.8	..	238.0	..	..	..	165.4	..
2003	284.8	..	248.8	..	..	..	187.0	..
2004	326.0	..	253.0	..	..	..	225.3	..
2005	369.7	..	263.4	..	..	..	269.9	..
2006	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..
2Q2000	..	..	..	..	..	..	..	..
3Q2000	..	..	..	..	..	..	..	..
4Q2000	..	..	..	..	..	..	..	..
1Q2001	..	..	..	..	..	..	..	..
2Q2001	..	..	..	..	..	..	..	..
3Q2001	..	..	..	..	..	..	..	..
4Q2001	..	..	..	..	..	..	..	..
1Q2002	..	..	..	..	..	..	..	..
2Q2002	..	..	..	..	..	..	..	..
3Q2002	..	..	..	..	..	..	..	..
4Q2002	..	..	..	..	..	..	..	..
1Q2003	..	..	..	..	..	..	..	..
2Q2003	..	..	..	..	..	..	..	..
3Q2003	..	..	..	..	..	..	..	..
4Q2003	..	..	..	..	..	..	..	..
1Q2004	..	..	..	..	..	..	..	..
2Q2004	..	..	..	..	..	..	..	..
3Q2004	..	..	..	..	..	..	..	..
4Q2004	..	..	..	..	..	..	..	..
1Q2005	..	..	..	..	..	..	..	..
2Q2005	..	..	..	..	..	..	..	..
3Q2005	..	..	..	..	..	..	..	..
4Q2005	..	..	..	..	..	..	..	..
1Q2006	..	..	..	..	..	..	..	..
2Q2006	..	..	..	..	..	..	..	..
3Q2006	..	..	..	..	..	..	..	..
4Q2006	..	..	..	..	..	..	..	..
1Q2007	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..

# INDIA

## GENERAL NOTES

Unless specified otherwise, annual prices are based on the Indian fiscal year beginning 1 April. See individual products for more details.

## OIL PRODUCTS

Oil product prices and sales tax refer to the Mumbai (Bombay) area, as country-wide average prices and sales tax among the 26 states are not feasible. However, excise tax and customs duties are uniform throughout India. The excise tax contains both an ad valorem component and a flat rate component. The percentage part of the excise tax is applied to the price excluding the dealer's commission.

Sales Tax is levied as a percentage on the ex-tax price plus excise tax amount, but can also contain an additional surcharge (see individual fuels).

**Sources:** Ministry of Petroleum and Natural Gas, New Delhi and Central Statistical Organisation, Ministry of Statistics and Programme Implementation, New Delhi.

### High Sulphur Fuel Oil

Total price is made up of assessable value, excise duty (including an ad valorem "education cess") and sales tax. From 1978 to 1981, prices refer to those of 1 January.

#### General Tax (Sales Tax)

From	To	%
Prior to	31.03.88	4
01.04.88	02.07.96	8
03.07.96	01.09.97	12
02.09.97	31.03.98	8
01.04.98	31.12.00	13
01.01.01	now	unknown

#### Excise Tax/Customs Duty

From	To	INR/ tonne	INR/ kl
01.03.79	28.02.88	129.8	125.92
01.03.88	27.02.93	155.4	150.71
28.02.93	28.02.94	196.0	190.00
01.03.94	02.07.96	464.0	450.00
03.07.96	01.09.97	794.0	770.00

From	To	INR/ tonne	INR/ kl
02.09.97	31.12.97	546.0	530.00
01.01.98	31.03.98	794.0	750.50
01.04.98	31.12.98	773.0	749.80
01.01.99	31.03.99	705.9	684.70
01.04.99	31.10.99	725.8	704.00
01.11.99	31.12.99	..	..
01.01.00	31.03.00	1422.1	1379.46
01.04.00	01.06.00	1557.9	1511.90
02.06.00	31.12.00	..	..

For excise tax rates after 2001, see the book tables.

#### Specifications

Quality:	Furnace Oil (FO)
Density:	0.97 t/kl (assumed)
NCV:	9 600 kcal/kg (assumed)

### Light Fuel Oil for Industry

Total price is made up of assessable value, excise duty (including an ad valorem "education cess" and an additional levy along with cess) and sales tax. From 1978 to 1981, prices refer to those of 1 January.

#### Sales Tax

See table for High Sulphur Fuel Oil.

#### Excise/Customs Duty

From	To	INR/ kl
01.03.79	16.08.79	74.15
17.08.79	28.02.88	153.96
01.03.88	27.02.93	160.91
28.02.93	28.02.94	173.02
01.03.94	02.07.96	558.76
03.07.96	01.09.97	950.00
02.09.97	31.12.98	740.00
01.01.99	31.03.99	1008.00
01.04.99	31.10.99	1139.20
01.11.99	31.12.99	..
01.01.00	31.03.00	1561.80
01.04.00	01.06.00	1669.40
02.06.00	31.12.00	..

For excise tax rates after 2001, see the book tables.

#### Specifications

Quality:	Light Diesel Oil
Density:	0.83 t/kl (assumed)
NCV:	10 350 kcal/kg (assumed)

### *Light Fuel Oil for Households*

From 2001 onwards, total price is made up of assessable value, sales tax (including a surcharge on sales tax) and a number of other charges, commissions and costs. Prior to 2001, prices refer to basic ceiling price (ex-storage point).

Sources: From 2001 onwards, Ministry of Petroleum & Natural Gas. Prior to 2001, Monthly Abstract of Statistics, Ministry of Statistics and Programme Implementation.

#### **Specifications**

Quality: Superior Kerosene Oil (SKO)  
Density: 0.828/kl (assumed)

### *Automotive Diesel Oil*

Total price is made up of assessable value, dealer commission, excise tax and sales tax (including a sales tax surcharge). From 1978 to 1981, prices refer to those of 1 January.

#### **General Tax (Sales Tax)**

From	To	%
Prior to	31.03.88	10
01.04.88	30.03.89	12
01.04.89	30.03.91	14
01.04.91	30.09.94	20
01.10.94	31.12.00	21
01.01.01	now	unknown

#### **Excise Tax/Customs Duty**

From	To	INR/ litre
01.03.79	16.08.79	0.494
17.08.79	10.09.79	0.399
11.09.79	28.02.88	0.330
01.03.88	27.02.93	0.347
28.02.93	28.02.94	0.348
01.03.94	30.09.94	0.570
01.10.94	02.07.96	0.590
03.07.96	01.09.97	0.860
02.09.97	31.12.97	1.240
01.01.98	31.03.98	1.210
01.04.98	31.03.99	1.170
01.04.99	30.06.99	1.100
01.07.99	31.10.99	1.140
01.11.99	31.12.99	1.600
01.01.00	31.12.00	2.600

For excise tax rates after 2001, see the book tables.

#### **Specifications**

Quality: High speed diesel oil  
Density: 0.82 t/kl  
NCV: 10 080 kcal/kg

### *Gasoline*

Total price is made up of assessable value, dealer commission, excise tax and sales tax (including a surcharge). From 1978 to 1981, prices refer to those of 1 January.

#### **General Tax (Sales Tax)**

From	To	%
Prior to	31.03.88	12
01.04.88	30.03.89	15
01.04.89	30.03.90	17
01.04.90	30.09.94	20
01.10.94	31.12.00	21
01.01.01	now	unknown

#### **Excise Tax/Customs Duty**

From	To	INR/ litre
01.03.79	16.08.79	2.703
17.08.79	28.02.88	2.216
01.03.88	27.02.93	2.327
28.02.93	28.02.94	2.438
01.03.94	30.09.94	2.570
01.10.94	02.07.96	2.640
03.07.96	01.09.97	2.670
02.09.97	30.09.98	3.540
01.10.98	31.12.98	5.160
01.01.99	31.12.99	5.130
01.01.00	31.12.00	6.130

For excise tax rates after 2001, see the book tables.

#### **Specifications**

Grade and Octane: Premium Leaded 93 RON  
Leaded Reg. 87 (1982 onwards)  
Leaded Reg. 83 (prior to 1982)  
Density: 0.75 t/kl (assumed)  
NCV: 10 700 kcal/kg (assumed)

## **NATURAL GAS**

Prices refer to natural gas off-shore (landfall point), and exclude royalties, taxes and all statutory levels.

#### **Specifications**

NCV: 9 000 - 9 500 kcal/m<sup>3</sup> (assumed)

**Source:** Ministry of Petroleum & Natural Gas.

## COAL PRICES

**Sources:** For industry and electricity generation: Coal Controller's Organisation, Kolkata and Central Statistical Organisation, Ministry of Statistics and Programme Implementation, New Delhi. For households: Monthly Abstract of Statistics, Ministry of Statistics and Programme Implementation.

### Steam Coal

#### Special Taxes

##### Stowing Excise Duty (SED)

From	To	INR/ tonne
01.01.75	25.06.03	3.50
26.06.03	now	10.00

#### Royalties (INR/tonne)

From	To	Industry	Electricity
12.02.81	31.07.91	6.50	4.30
01.08.91	10.10.94	120.00	45.00
11.10.94	16.08.02	135.00	70.00
07.08.02	now	165.00	85.00

#### Specifications

##### Industry

Quality: Non-coking coal, Grade B (run of mine, non-long flame) from Mugma Area of ECL (CIL)

NCV: 5 940 kcal/kg

##### Electricity Generation

Quality: Non-coking coal, Grade E (run of mine, non-long flame) from Rajmahal Area of ECL (CIL)

NCV: 4 560 kcal/kg

##### Household

Quality: Soft coke briquettes

NCV: 8 900 (useful heat value)

### Coking Coal

#### Special Taxes

##### Stowing Excise Duty (SED)

From	To	INR/ tonne
01.01.75	25.06.03	4.25
26.06.03	now	10.00

### Royalties

From	To	INR/ tonne
12.02.81	31.07.91	7.00
01.08.91	10.10.94	150.00
11.10.94	16.08.02	195.00
07.08.02	now	250.00

#### Specifications

Quality: Steel Grade II (run of mine), from collieries of BCCL (CIL) linked to washeries

NCV: 6 350 kcal/kg

Ash content: 15 - 18%

## ELECTRICITY

**Sources:** For industry: Planning Commission, Annual Report on the Working of State Electricity Boards and Electricity Departments and Central Statistical Organisation, Ministry of Statistics and Programme Implementation, New Delhi. For households: Monthly Abstract of Statistics, Ministry of Statistics and Programme Implementation.

## ENERGY PRICE INDICES

**Source:** Ministry of Statistics and Programme Implementation, New Delhi.

### Oil Products

Wholesale: Indices are calculated from 1981 onwards, and are based on a weighted average of petrol, kerosene, aviation turbine fuel, high speed diesel oil, light diesel oil, lubricants and liquefied petroleum gas.

### Electricity

Wholesale: Electricity.

### Coal

Wholesale: Weighted average of coking coal, coke and lignite.



**INDONESIA**  
**Table 1 - Average Total Prices in Indonesian Rupiah**

	Heavy Fuel Oil (per tonne)		Light Fuel Oil (per 1000 litres)		Automotive Diesel (per litre)	
	HSFO	LSFO	Industry	Households	Commercial	Non-Commercial
1997	247934	..	279965	280000	360	380
1998	322429	..	279979	281945	452	493
1999	361570	..	279979	280000	500	550
2000	374483	..	279979	297500	513	563
2001	656669	..	297463	373566	651	741
2002	1498923	..	1790000	1242500	1286	1353
2003	1620294	..	2002500	1809445	1650	1650
2004	1611570	..	2200000	1800000	1650	1650
2005	..	..	..	2070000	..	2559
2006	..	..	..	..	..	..
2007	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..

	Gasoline (per litre)			Natural Gas (per 10 <sup>7</sup> kilocalories GCV)		
	Reg. Leaded (88 RON)	Prem. Unleaded (95 RON)	Prem. Unleaded (92 RON)	Industry	Electricity Generation	Households
1997	700	..	..	184526	..	123017
1998	902	..	..	318456	..	123017
1999	1000	..	..	281749	..	123017
2000	1038	..	..	378179	..	123017
2001	1292	..	..	..	..	..
2002	1678	..	..	..	..	..
2003	1810	2600	2300	..	..	..
2004	1810	2776	2480	..	..	..
2005	2828	4730	4530	..	..	..
2006	4500	5884	5738	..	..	..
2007	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..

	Coal (per tonne)				Electricity (per kilowatt hour)	
	Coking Coal Industry	Steam Coal Industry	Steam Coal Elec. Gen.	Steam Coal Households	Industry	Households
1997	..	102802	62620	..	149.70	161.65
1998	..	121803	108897	..	201.01	184.40
1999	..	128773	140724	..	208.56	193.80
2000	..	..	153790	..	302.52	207.34
2001	..	..	..	..	361.67	253.65
2002	..	..	219750	..	442.94	392.79
2003	..	..	230821	..	530.32	522.48
2004	..	..	..	..	559.15	557.76
2005	..	..	..	..	569.87	563.05
2006	..	..	..	..	..	..
2007	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..

# INDONESIA

## OIL PRODUCTS

From 2003 onwards, prices refer to the standard retail price and in 2002 to the market price. Prior to 2002, oil product prices refer to the subsidised price.

**Sources:** From 2003 onwards, *Petroleum Report Indonesia*, Embassy of the United States of America, Jakarta. Prior to 2003, Ministry for Energy and Natural Resources. See individual products for exceptions.

### High Sulphur Fuel Oil

#### Specifications

Quality:	Fuel Oil
Density:	0.968 t/kl (assumed)
NCV:	9 820 kcal/kg (assumed)

### Light Fuel Oil for Households

#### Specifications

Quality:	Kerosene
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### Diesel

#### Specifications

*Non-commercial:*

Quality:	Automotive Diesel Oil (ADO)
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*Commercial:*

Quality:	Industrial Diesel Oil (IDO)
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**Sources:** From 2005 onwards, *Petroleum Report Indonesia*, Embassy of the United States of America, Jakarta. From 2003 to 2004, Departemen Energi dan Sember Daya Mineral (ESDM). From 1990 to 2002, Ministry for Energy and Natural Resources. From 1984 to 1989, Asian Development Bank *Key Indicators of Developing Asian and Pacific Countries*. From 1980 to 1983, OPEC *Annual Statistical Bulletin*.

### Gasoline

#### Specifications

*Regular Leaded 88 RON gasoline*

Quality:	Premium
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*Premium Unleaded 95 RON gasoline*

Quality:	Pertamax Plus
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*Premium Unleaded 92 RON gasoline*

Quality:	Pertamax
----------	----------

*Regular Unleaded 88 RON gasoline*

Quality:	Premium TT
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**Sources:** From 2003 onwards, Pertamina. From 1990 to 2000, Ministry for Energy and Natural Resources. From 1984 to 1989, Asian Development Bank *Key Indicators of Developing Asian and Pacific Countries*. From 1980 to 1983, OPEC *Annual Statistical Bulletin*.

## NATURAL GAS

### Households

Prices refer to city gas delivered to households.

### Industry

Prices refer to city gas used by the fertilizer industry.

**Source:** Ministry for Energy and Natural Resources.

## COAL

### Industry

Prices refer to manufacturing industry codes 31-39.

### Electricity Generation

Prices refer to the annual consumption value per total annual volumes.

#### Specifications

NCV:	5 300 - 5 500 kcal/kg
------	-----------------------

**Source:** Ministry for Energy and Natural Resources.

## ELECTRICITY

As of 20 December 2001, the electricity tariffs for consumer categories are as follows:

	Minimum IDR/kWh	Maximum IDR/kWh
Industry	33.44	76.93
Households	26.42	130.24

**Source:** Ministry for Energy and Natural Resources.

**KAZAKHSTAN**  
**Table 1 - Average Prices and Taxes in Tenge**

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	5301	..	..	..	..	..
1998	..	..	..	..	5309	..	..	..	..	..
1999	..	..	..	..	5958	..	..	..	..	..
2000	..	..	..	..	10694	..	..	..	..	..
2001	..	..	..	..	10836	..	..	..	..	..
2002	..	..	..	..	9578	..	..	..	..	..
2003	..	..	..	..	10181	..	..	..	..	..
2004	..	..	..	..	13362	..	..	..	..	..
2005	..	..	..	..	16786	..	..	..	..	..
2006	..	..	..	..	21424	..	..	..	..	..
2007	..	..	..	..	20994	..	..	..	..	..
2Q2007	..	..	..	..	18664	..	..	..	..	..
3Q2007	..	..	..	..	21737	..	..	..	..	..
4Q2007	..	..	..	..	24674	..	..	..	..	..
1Q2008	..	..	..	..	26886	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	11510	..	..	..	..	11756
1998	..	..	..	..	10222	..	..	..	..	12999
1999	..	..	..	..	11263	..	..	..	..	15162
2000	..	..	..	..	19771	..	..	..	..	28328
2001	..	..	..	..	26583	..	..	..	..	29355
2002	..	..	..	..	21588	..	..	..	..	22975
2003	..	..	..	..	21085	..	..	..	..	27149
2004	..	..	..	..	23542	..	..	..	..	35690
2005	..	..	..	..	29917	..	..	..	..	48271
2006	..	..	..	..	47692	..	..	..	..	53107
2007	..	..	..	..	52950	..	..	..	..	58896
2Q2007	..	..	..	..	51283	..	..	..	..	55441
3Q2007	..	..	..	..	51943	..	..	..	..	57949
4Q2007	..	..	..	..	54467	..	..	..	..	65552
1Q2008	..	..	..	..	66421	..	..	..	..	71333
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**KAZAKHSTAN**  
**Table 2 - Average Prices and Taxes in Tenge**

Premium Leaded (93 RON) Gasoline (per litre)						Regular Unleaded (76 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	18.76	1.98	4.15	6.13	24.89
1998	..	..	..	..	..	19.67	2.02	4.34	6.36	26.03
1999	..	..	..	..	..	23.32	2.94	5.25	8.19	31.51
2000	..	..	..	..	..	30.07	2.94	6.60	9.54	39.61
2001	..	..	..	..	..	31.75	2.94	6.24	9.18	40.93
2002	..	..	..	..	..	28.05	3.12	4.99	8.10	36.15
2003	..	..	..	..	..	32.05	3.30	5.66	8.96	41.01
2004	..	..	..	..	..	38.96	3.30	6.34	9.64	48.60
2005	..	..	..	..	..	44.07	3.30	7.11	10.40	54.47
2006	..	..	..	..	..	50.40	3.30	8.05	11.35	61.75
2007	..	..	..	..	..	58.28	3.30	8.62	11.92	70.21
2Q2007	..	..	..	..	..	54.35	3.30	8.07	11.37	65.72
3Q2007	..	..	..	..	..	59.37	3.30	8.77	12.07	71.44
4Q2007	..	..	..	..	..	65.07	3.30	9.57	12.87	77.94
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

Regular Unleaded Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	3345
1998	..	..	..	..	..	..	..	..	..	3146
1999	..	..	..	..	..	..	..	..	..	3415
2000	..	..	..	..	..	..	..	..	..	4351
2001	..	..	..	..	..	..	..	..	..	5027
2002	..	..	..	..	..	..	..	..	..	4729
2003	..	..	..	..	..	..	..	..	..	5143
2004	..	..	..	..	..	..	..	..	..	6159
2005	..	..	..	..	..	..	..	..	..	6321
2006	..	..	..	..	..	..	..	..	..	7871
2007	..	..	..	..	..	..	..	..	..	8238
2Q2007	..	..	..	..	..	..	..	..	..	8182
3Q2007	..	..	..	..	..	..	..	..	..	8250
4Q2007	..	..	..	..	..	..	..	..	..	8346
1Q2008	..	..	..	..	..	..	..	..	..	8427
2Q2008	..	..	..	..	..	..	..	..	..	..

Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	3852
1998	..	..	..	..	..	..	..	..	..	4603
1999	..	..	..	..	..	..	..	..	..	5944
2000	..	..	..	..	..	..	..	..	..	6384
2001	..	..	..	..	..	..	..	..	..	6867
2002	..	..	..	..	..	..	..	..	..	7446
2003	..	..	..	..	..	..	..	..	..	7822
2004	..	..	..	..	..	..	..	..	..	7586
2005	..	..	..	..	..	..	..	..	..	7747
2006	..	..	..	..	..	..	..	..	..	8412
2007	..	..	..	..	..	..	..	..	..	9024
2Q2007	..	..	..	..	..	..	..	..	..	9056
3Q2007	..	..	..	..	..	..	..	..	..	9056
4Q2007	..	..	..	..	..	..	..	..	..	9174
1Q2008	..	..	..	..	..	..	..	..	..	9099
2Q2008	..	..	..	..	..	..	..	..	..	..

## KAZAKHSTAN

Table 3 - Average Prices and Taxes in Tenge

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	934	..	..	..	..	..
1998	..	..	..	..	1044	..	..	..	..	..
1999	..	..	..	..	1077	..	..	..	..	..
2000	..	..	..	..	1097	..	..	..	..	..
2001	..	..	..	..	1296	..	..	..	..	..
2002	..	..	..	..	1222	..	..	..	..	..
2003	..	..	..	..	1017	..	..	..	..	..
2004	..	..	..	..	1150	..	..	..	..	..
2005	..	..	..	..	1192	..	..	..	..	..
2006	..	..	..	..	1343	..	..	..	..	..
2007	..	..	..	..	1373	..	..	..	..	..
2Q2007	..	..	..	..	1361	..	..	..	..	..
3Q2007	..	..	..	..	1367	..	..	..	..	..
4Q2007	..	..	..	..	1388	..	..	..	..	..
1Q2008	..	..	..	..	1557	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	2324	..	..	..	..	3646
1998	..	..	..	..	2466	..	..	..	..	3652
1999	..	..	..	..	2403	..	..	..	..	2054
2000	..	..	..	..	2249	..	..	..	..	2017
2001	..	..	..	..	2420	..	..	..	..	2064
2002	..	..	..	..	2429	..	..	..	..	1201
2003	..	..	..	..	2614	..	..	..	..	1511
2004	..	..	..	..	3317	..	..	..	..	1874
2005	..	..	..	..	3415	..	..	..	..	2380
2006	..	..	..	..	3746	..	..	..	..	2720
2007	..	..	..	..	5125	..	..	..	..	2755
2Q2007	..	..	..	..	4699	..	..	..	..	2879
3Q2007	..	..	..	..	4944	..	..	..	..	2700
4Q2007	..	..	..	..	6094	..	..	..	..	2731
1Q2008	..	..	..	..	6082	..	..	..	..	3282
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	1.738	2.417	-	0.483	0.483	2.900
1998	2.298	0.030	-	0.030	2.328	3.020	0.030	0.610	0.640	3.660
1999	2.152	0.030	-	0.030	2.182	3.097	0.030	0.625	0.655	3.753
2000	1.841	0.030	-	0.030	1.871	3.147	0.030	0.635	0.665	3.812
2001	2.065	0.030	-	0.030	2.095	3.182	0.030	0.578	0.608	3.791
2002	2.066	0.030	-	0.030	2.096	3.296	0.030	0.532	0.562	3.858
2003	2.204	0.030	-	0.030	2.234	3.375	0.030	0.545	0.575	3.950
2004	2.366	0.030	-	0.030	2.396	3.483	0.030	0.527	0.557	4.040
2005	2.631	0.030	-	0.030	2.661	3.596	0.030	0.544	0.574	4.170
2006	2.953	0.030	-	0.030	2.983	3.892	0.030	0.588	0.618	4.510
2007	3.992	-	-	-	3.992	4.667	-	0.653	0.653	5.320
2Q2007	3.970	-	-	-	3.970	4.535	-	0.635	0.635	5.170
3Q2007	4.012	-	-	-	4.012	4.605	-	0.645	0.645	5.250
4Q2007	4.207	-	-	-	4.207	5.132	-	0.718	0.718	5.850
1Q2008	4.056	-	-	-	4.056	5.150	-	0.670	0.670	5.820
2Q2008	..	..	..	..	..	..	..	..	..	..

# KAZAKHSTAN

## GENERAL NOTES

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry. Industrial enterprises only pay the difference between VAT calculated on their output, and VAT paid on their inputs, to the central budget.

From	To	%
01.01.93	30.06.01	20
01.07.01	31.12.03	16
01.01.04	31.12.06	15
01.01.07	31.12.07	14
01.01.08	now	13

**Source:** National Statistical Agency of the Republic of Kazakhstan.

## OIL PRODUCTS

### Heavy Fuel Oil

Prices shown are monthly averages. Prior to 1996, prices are end-of-year prices.

#### Specifications

Quality: Mazut  
Density: 0.96 t/kl (assumed)

### Light Fuel Oil

**General Tax (VAT):** Applies to households. See general notes for Kazakhstan.

#### Specifications

Density: 0.83 t/kl (assumed)

### Gasoline

Prices shown are monthly averages. Prior to 1996, prices are end-of-year prices.

**General Tax (VAT):** See general notes for Kazakhstan.

**Excise Tax:** See excise tax column.

#### Specifications

Grade and Octane: Premium Leaded 93 RON  
Regular Unleaded 76 RON  
Density: 0.845 t/kl (assumed)

## NATURAL GAS

**General Tax (VAT):** Applies to households. See general notes for Kazakhstan.

Prices shown are monthly averages.

#### Specifications

GCV: 9 320 kcal/m<sup>3</sup> (assumed)

## COAL

### Steam Coal for Industry

Prices shown are monthly averages. Prior to 1996, prices are end-of-year prices.

#### Specifications

GCV: 4 807 kcal/kg (assumed)

### Steam Coal for Households

**General Tax (VAT):** See general notes for Kazakhstan.

Prices shown are monthly averages.

#### Specifications

GCV: 6 173 kcal/kg (assumed)

### Coking Coal

Prices shown are monthly averages. Prior to 1996, prices are end-of-year prices.

#### Specifications

GCV: 7 011 kcal/kg (assumed)

## ELECTRICITY

**General Tax (VAT):** Applies to households. See general notes for Kazakhstan.

#### Excise Tax

From	To	KZT/ KWh
01.01.98	31.12.06	0.03
01.01.07	now	0.00

From 1996 onwards, prices shown are monthly averages. Prior to 1996, prices are end-of-year prices.

## LATVIA

Table 1 - Average Prices and Taxes in Latvian Lats

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	102.87	9.75	-	9.75	112.62	..	..	..	..	..
2006	102.87	10.00	-	10.00	112.87	..	..	..	..	..
2007	102.87	11.00	-	11.00	113.87	..	..	..	..	..
2Q2007	102.87	11.00	-	11.00	113.87	..	..	..	..	..
3Q2007	102.87	11.00	-	11.00	113.87	..	..	..	..	..
4Q2007	102.87	11.00	-	11.00	113.87	..	..	..	..	..
1Q2008	102.87	11.00	-	11.00	113.87	..	..	..	..	..
2Q2008	102.87	11.00	-	11.00	113.87	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	314.6	13.8	-	13.8	328.3	314.6	13.8	59.1	72.9	387.4
2006	350.2	14.0	-	14.0	364.2	350.2	14.0	65.6	79.6	429.8
2007	355.3	15.0	-	15.0	370.3	355.3	15.0	66.7	81.7	436.9
2Q2007	339.8	15.0	-	15.0	354.8	339.8	15.0	63.9	78.9	418.7
3Q2007	350.7	15.0	-	15.0	365.7	350.7	15.0	65.8	80.8	431.5
4Q2007	404.2	15.0	-	15.0	419.2	404.2	15.0	75.5	90.5	494.6
1Q2008	443.8	15.0	-	15.0	458.8	443.8	15.0	82.6	97.6	541.3
2Q2008	493.1	15.0	-	15.0	508.1	493.1	15.0	91.5	106.5	599.6
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	0.315	0.160	-	0.160	0.475	0.315	0.160	0.086	0.246	0.561
2006	0.350	0.164	-	0.164	0.514	0.350	0.164	0.093	0.257	0.607
2007	0.356	0.178	-	0.178	0.534	0.356	0.178	0.096	0.274	0.630
2Q2007	0.340	0.178	-	0.178	0.518	0.340	0.178	0.093	0.271	0.611
3Q2007	0.351	0.178	-	0.178	0.529	0.351	0.178	0.095	0.273	0.624
4Q2007	0.404	0.178	-	0.178	0.582	0.404	0.178	0.105	0.283	0.687
1Q2008	0.444	0.178	-	0.178	0.622	0.444	0.178	0.112	0.290	0.734
2Q2008	0.493	0.178	-	0.178	0.671	0.493	0.178	0.121	0.299	0.792

## LATVIA

Table 2 - Average Prices and Taxes in Latvian Lats

Premium Leaded Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	0.225	0.267	0.089	0.356	0.581	0.292	0.188	0.086	0.274	0.566
2006	0.260	0.281	0.097	0.378	0.638	0.325	0.192	0.093	0.285	0.610
2007	..	..	..	..	..	0.332	0.209	0.098	0.307	0.638
2Q2007	..	..	..	..	..	0.341	0.209	0.099	0.308	0.649
3Q2007	..	..	..	..	..	0.345	0.209	0.100	0.309	0.654
4Q2007	..	..	..	..	..	0.355	0.209	0.102	0.311	0.665
1Q2008	..	..	..	..	..	0.392	0.209	0.108	0.317	0.709
2Q2008	..	..	..	..	..	0.413	0.209	0.112	0.321	0.734
Automotive LPG (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	0.173	0.081	0.046	0.127	0.300	..	..	..	..	..
2006	0.199	0.083	0.051	0.134	0.333	..	..	..	..	..
2007	0.204	0.087	0.052	0.139	0.344	..	..	..	..	..
2Q2007	0.178	0.087	0.048	0.135	0.313	..	..	..	..	..
3Q2007	0.199	0.087	0.051	0.138	0.338	..	..	..	..	..
4Q2007	0.238	0.087	0.058	0.145	0.383	..	..	..	..	..
1Q2008	0.257	0.087	0.062	0.149	0.406	..	..	..	..	..
2Q2008	0.259	0.087	0.062	0.149	0.408	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..



**LATVIA**  
**Table 3 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	39.7	..	68.8	..	57.5	..	64.3
1997	..	50.6	..	79.7	..	66.2	..	66.9
1998	..	52.5	..	86.7	..	65.0	..	67.7
1999	..	58.3	..	86.7	..	65.0	..	72.3
2000	..	66.6	..	86.7	..	72.4	..	67.8
2001	..	66.2	..	86.7	..	73.9	..	68.8
2002	..	65.6	..	86.7	..	70.5	..	70.5
2003	..	70.6	..	86.7	..	73.7	..	78.1
2004	..	80.3	..	100.0	..	79.7	..	85.6
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	108.0	..	105.6	..	129.2	..	117.0
2007	..	112.9	..	113.3	..	132.1	..	145.4
2Q2000	..	66.0	..	86.7	..	73.8	..	67.5
3Q2000	..	66.5	..	86.7	..	73.8	..	67.6
4Q2000	..	68.9	..	86.7	..	75.2	..	68.1
1Q2001	..	67.2	..	86.7	..	78.2	..	68.5
2Q2001	..	67.2	..	86.7	..	72.9	..	68.5
3Q2001	..	66.6	..	86.7	..	72.3	..	68.7
4Q2001	..	63.8	..	86.7	..	72.3	..	69.3
1Q2002	..	61.4	..	86.7	..	71.9	..	69.4
2Q2002	..	66.2	..	86.7	..	70.2	..	69.8
3Q2002	..	67.0	..	86.7	..	70.0	..	70.2
4Q2002	..	67.8	..	86.7	..	70.0	..	72.6
1Q2003	..	70.6	..	86.7	..	70.2	..	76.6
2Q2003	..	70.1	..	86.7	..	72.1	..	77.5
3Q2003	..	71.1	..	86.7	..	76.1	..	78.5
4Q2003	..	70.5	..	86.7	..	76.5	..	80.1
1Q2004	..	71.5	..	100.0	..	76.8	..	82.5
2Q2004	..	79.6	..	100.0	..	76.9	..	84.2
3Q2004	..	83.2	..	100.0	..	80.4	..	86.5
4Q2004	..	87.0	..	100.0	..	84.9	..	89.3
1Q2005	..	89.2	..	100.0	..	93.7	..	92.0
2Q2005	..	97.2	..	100.0	..	94.2	..	93.2
3Q2005	..	107.1	..	100.0	..	97.4	..	104.2
4Q2005	..	106.8	..	100.0	..	114.7	..	110.3
1Q2006	..	104.0	..	102.2	..	122.8	..	111.7
2Q2006	..	108.6	..	106.7	..	128.9	..	113.1
3Q2006	..	113.8	..	106.7	..	132.6	..	117.3
4Q2006	..	100.4	..	106.7	..	132.3	..	126.0
1Q2007	..	104.0	..	113.3	..	124.3	..	133.9
2Q2007	..	113.3	..	113.3	..	129.1	..	139.5
3Q2007	..	114.7	..	113.3	..	132.6	..	146.5
4Q2007	..	119.5	..	113.3	..	142.3	..	161.9
1Q2008	..	128.2	..	113.3	..	155.9	..	164.9
2Q2008	..	..	..	..	..	..	..	..

# LATVIA

## GENERAL NOTES

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry because it is refunded on purchases for commercial purposes.

From	To	%
01.05.04	now	18

## OIL PRODUCTS

**Source:** Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

Prices shown are the prices most frequently charged, based on a weighted average.

### Heavy Fuel Oil

Delivered consumer prices for offtakes of less than 2 000 tonnes per month or less than 24 000 tonnes per year.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*High Sulphur Fuel Oil*  
Sulphur content: > 1%

### Light Fuel Oil

Delivered consumer prices for deliveries of 2 000 to 5 000 litres (for offtakes of less than 2 000 litres the industrial sector may be taken into consideration).

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Heating gas oil

### Automotive Diesel Oil

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Automotive gas oil

### Gasoline

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*Leaded Substitute Gasoline*

Quality: Lead substitute petrol

*Unleaded Premium 95 RON Gasoline*

Quality: Euro Super 95

### Automotive LPG

Pump prices.

**Excise Tax:** As shown in excise tax column.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### Oil Products

Retail: HICP, Fuels and lubricants for personal transport equipment (cp0722).

### Electricity

Retail: HICP, Electricity (cp0451).

### Natural Gas

Retail: HICP, Gas (cp0452).

### Coal

Retail: HICP, Solid fuels (cp0454).

## LITHUANIA

Table 1 - Average Prices and Taxes in Lithuanian Litai

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	608.1	52.0	-	52.0	660.1	819.1	52.0	-	52.0	871.1
2006	776.0	52.0	-	52.0	828.0	..	..	..	..	..
2007	872.0	52.0	-	52.0	924.0	..	..	..	..	..
2Q2007	831.9	52.0	-	52.0	883.9	..	..	..	..	..
3Q2007	927.2	52.0	-	52.0	979.2	..	..	..	..	..
4Q2007	1060.8	52.0	-	52.0	1112.8	..	..	..	..	..
1Q2008	1050.6	52.0	-	52.0	1102.6	..	..	..	..	..
2Q2008	1129.5	52.0	-	52.0	1181.5	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	1326	73	-	73	1399	1326	73	252	325	1651
2006	1508	73	-	73	1581	1508	73	285	358	1865
2007	1542	73	-	73	1615	1542	73	291	364	1905
2Q2007	1482	73	-	73	1555	1482	73	280	353	1835
3Q2007	1553	73	-	73	1626	1553	73	293	366	1919
4Q2007	1776	73	-	73	1849	1776	73	333	406	2181
1Q2008	1954	73	-	73	2027	1954	73	365	438	2392
2Q2008	2209	73	-	73	2282	2209	73	411	484	2693
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	1.561	0.849	-	0.849	2.410	1.561	0.849	0.434	1.283	2.844
2006	1.748	0.849	-	0.849	2.597	1.748	0.849	0.467	1.316	3.064
2007	1.719	0.849	-	0.849	2.568	1.719	0.849	0.462	1.311	3.030
2Q2007	1.683	0.849	-	0.849	2.532	1.683	0.849	0.456	1.305	2.987
3Q2007	1.733	0.849	-	0.849	2.582	1.733	0.849	0.465	1.314	3.047
4Q2007	1.887	0.849	-	0.849	2.736	1.887	0.849	0.492	1.341	3.229
1Q2008	2.114	0.947	-	0.947	3.061	2.114	0.947	0.551	1.498	3.612
2Q2008	2.392	0.947	-	0.947	3.339	2.392	0.947	0.601	1.548	3.940

## LITHUANIA

Table 2 - Average Prices and Taxes in Lithuanian Litai

Premium Leaded Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	1.427	0.995	0.436	1.431	2.858
2006	..	..	..	..	..	1.641	0.995	0.474	1.469	3.110
2007	..	..	..	..	..	1.638	0.995	0.474	1.469	3.106
2Q2007	..	..	..	..	..	1.729	0.995	0.490	1.485	3.214
3Q2007	..	..	..	..	..	1.718	0.995	0.488	1.483	3.201
4Q2007	..	..	..	..	..	1.701	0.995	0.485	1.480	3.181
1Q2008	..	..	..	..	..	1.852	1.116	0.534	1.650	3.502
2Q2008	..	..	..	..	..	2.017	1.116	0.564	1.680	3.697
Automotive LPG (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	1.008	0.229	0.223	0.452	1.460	..	..	..	..	..
2006	1.192	0.229	0.256	0.485	1.677	..	..	..	..	..
2007	1.212	0.229	0.259	0.488	1.700	..	..	..	..	..
2Q2007	1.069	0.229	0.234	0.463	1.532	..	..	..	..	..
3Q2007	1.235	0.229	0.263	0.492	1.727	..	..	..	..	..
4Q2007	1.349	0.229	0.284	0.513	1.863	..	..	..	..	..
1Q2008	1.348	0.229	0.284	0.513	1.860	..	..	..	..	..
2Q2008	1.294	0.229	0.274	0.503	1.797	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**LITHUANIA**  
**Table 3 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	51.4	..	56.9	..	61.5	..	62.0
1997	..	58.0	..	61.8	..	69.9	..	74.0
1998	..	61.2	..	66.7	..	73.5	..	75.1
1999	..	71.9	..	66.7	..	73.7	..	75.7
2000	..	85.8	..	86.8	..	90.6	..	74.8
2001	..	81.2	..	86.8	..	94.4	..	72.0
2002	..	79.6	..	91.7	..	91.3	..	73.0
2003	..	82.5	..	91.7	..	91.2	..	75.4
2004	..	89.5	..	91.7	..	91.0	..	80.7
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	108.9	..	100.0	..	124.5	..	113.9
2007	..	109.4	..	107.0	..	133.6	..	136.3
2Q2000	..	86.8	..	86.8	..	87.7	..	74.8
3Q2000	..	86.6	..	86.8	..	88.8	..	74.6
4Q2000	..	86.3	..	86.8	..	97.4	..	75.1
1Q2001	..	79.0	..	86.8	..	97.4	..	73.5
2Q2001	..	85.3	..	86.8	..	94.1	..	71.1
3Q2001	..	84.2	..	86.8	..	93.9	..	71.8
4Q2001	..	76.4	..	86.8	..	92.4	..	71.7
1Q2002	..	76.6	..	91.7	..	92.2	..	72.2
2Q2002	..	81.5	..	91.7	..	91.3	..	72.9
3Q2002	..	78.3	..	91.7	..	90.8	..	72.5
4Q2002	..	82.2	..	91.7	..	91.0	..	74.6
1Q2003	..	86.6	..	91.7	..	92.8	..	75.0
2Q2003	..	82.6	..	91.7	..	93.9	..	75.2
3Q2003	..	81.1	..	91.7	..	89.1	..	74.5
4Q2003	..	79.8	..	91.7	..	89.0	..	76.8
1Q2004	..	83.1	..	91.7	..	88.5	..	78.6
2Q2004	..	89.3	..	91.7	..	87.8	..	79.4
3Q2004	..	91.7	..	91.7	..	88.7	..	81.8
4Q2004	..	93.8	..	91.7	..	99.1	..	83.1
1Q2005	..	91.3	..	100.0	..	99.4	..	94.5
2Q2005	..	95.6	..	100.0	..	99.1	..	100.2
3Q2005	..	106.2	..	100.0	..	95.2	..	101.6
4Q2005	..	106.8	..	100.0	..	106.3	..	103.6
1Q2006	..	108.2	..	100.0	..	118.9	..	108.6
2Q2006	..	112.7	..	100.0	..	116.7	..	113.1
3Q2006	..	110.4	..	100.0	..	125.8	..	114.5
4Q2006	..	105.2	..	100.0	..	136.4	..	118.9
1Q2007	..	102.1	..	107.0	..	133.5	..	128.2
2Q2007	..	109.6	..	107.0	..	129.8	..	133.1
3Q2007	..	111.4	..	107.0	..	131.8	..	138.0
4Q2007	..	114.5	..	107.0	..	139.3	..	145.9
1Q2008	..	123.8	..	107.0	..	176.4	..	170.1
2Q2008	..	..	..	..	..	..	..	..

# LITHUANIA

## GENERAL NOTES

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry because it is refunded on purchases for commercial purposes.

From	To	%
01.05.04	now	18

## OIL PRODUCTS

**Source:** Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

Prices shown are the prices most frequently charged, based on a weighted average.

### Heavy Fuel Oil

Delivered consumer prices for offtakes of less than 2 000 tonnes per month or less than 24 000 tonnes per year.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*High Sulphur Fuel Oil*

Sulphur content: > 1%

*Low Sulphur Fuel Oil*

Sulphur content: ≤ 1%

### Light Fuel Oil

Delivered consumer prices for deliveries of 2 000 to 5 000 litres (for offtakes of less than 2 000 litres the industrial sector may be taken into consideration).

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Heating gas oil

### Automotive Diesel Oil

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Automotive gas oil

### Gasoline

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*Unleaded Premium 95 RON Gasoline*

Quality: Euro Super 95

### Automotive LPG

Pump prices.

**Excise Tax:** As shown in excise tax column.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### Oil Products

Retail: 2006 onwards, weighted average of HICP, Liquid fuels (cp0453) and HICP, Fuels and lubricants for personal transport equipment (cp0722). Prior to 2006, HICP, Fuels and lubricants for personal transport equipment (cp0722).

### Electricity

Retail: HICP, Electricity (cp0451).

### Natural Gas

Retail: HICP, Gas (cp0452).

### Coal

Retail: HICP, Solid fuels (cp0454).

**MALTA**  
**Table 1 - Average Prices and Taxes in Euro**

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	210.40	13.98	-	13.98	224.38	..	..	..	..	..
2006	333.16	13.98	-	13.98	347.14	..	..	..	..	..
2007	320.20	13.98	-	13.98	334.18	..	..	..	..	..
2Q2007	307.48	13.98	-	13.98	321.46	..	..	..	..	..
3Q2007	324.83	13.98	-	13.98	338.81	..	..	..	..	..
4Q2007	343.35	13.98	-	13.98	357.33	..	..	..	..	..
1Q2008	351.74	13.97	-	13.97	365.71	..	..	..	..	..
2Q2008	351.74	13.97	-	13.97	365.71	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	411.9	14.0	-	14.0	425.8	411.9	14.0	-	14.0	425.8
2006	571.5	14.0	-	14.0	585.5	571.5	14.0	-	14.0	585.5
2007	566.9	14.0	-	14.0	580.9	566.9	14.0	-	14.0	580.9
2Q2007	545.8	14.0	-	14.0	559.8	545.8	14.0	-	14.0	559.8
3Q2007	579.4	14.0	-	14.0	593.4	579.4	14.0	-	14.0	593.4
4Q2007	597.4	14.0	-	14.0	611.4	597.4	14.0	-	14.0	611.4
1Q2008	611.6	14.0	-	14.0	625.5	611.6	14.0	-	14.0	625.5
2Q2008	767.8	14.0	-	14.0	781.8	767.8	14.0	-	14.0	781.8
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	0.499	0.245	-	0.245	0.744	0.499	0.245	0.134	0.379	0.878
2006	0.589	0.245	-	0.245	0.834	0.589	0.245	0.150	0.395	0.984
2007	0.559	0.245	-	0.245	0.804	0.559	0.245	0.145	0.390	0.948
2Q2007	0.525	0.245	-	0.245	0.770	0.525	0.245	0.139	0.384	0.909
3Q2007	0.580	0.245	-	0.245	0.825	0.580	0.245	0.149	0.394	0.973
4Q2007	0.607	0.245	-	0.245	0.852	0.607	0.245	0.153	0.398	1.005
1Q2008	0.617	0.246	-	0.246	0.863	0.617	0.246	0.156	0.402	1.019
2Q2008	0.678	0.246	-	0.246	0.924	0.678	0.246	0.167	0.413	1.091

**MALTA**  
**Table 2 - Average Prices and Taxes in Euro**

Premium Leaded Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	0.482	0.359	0.151	0.510	0.992	0.491	0.310	0.144	0.454	0.945
2006	0.627	0.359	0.177	0.536	1.162	0.627	0.310	0.169	0.479	1.106
2007	..	..	..	..	..	0.572	0.310	0.159	0.469	1.040
2Q2007	..	..	..	..	..	0.550	0.310	0.155	0.465	1.015
3Q2007	..	..	..	..	..	0.603	0.310	0.164	0.474	1.077
4Q2007	..	..	..	..	..	0.603	0.310	0.164	0.474	1.077
1Q2008	..	..	..	..	..	0.610	0.310	0.165	0.475	1.085
2Q2008	..	..	..	..	..	0.614	0.310	0.166	0.476	1.090
Automotive LPG (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..



**MALTA**  
**Table 3 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	55.8	..	74.2	..	62.6	..	..
1997	..	61.8	..	73.2	..	63.9	..	..
1998	..	61.9	..	67.9	..	70.4	..	..
1999	..	69.4	..	67.9	..	70.4	..	..
2000	..	77.6	..	75.1	..	70.4	..	..
2001	..	77.9	..	75.1	..	70.4	..	..
2002	..	80.2	..	81.4	..	70.4	..	..
2003	..	82.6	..	81.4	..	70.4	..	..
2004	..	89.0	..	81.4	..	77.4	..	..
2005	..	100.0	..	100.0	..	100.0	..	..
2006	..	113.3	..	130.3	..	105.4	..	..
2007	..	108.2	..	120.5	..	104.0	..	..
2Q2000	..	77.6	..	75.1	..	70.4	..	..
3Q2000	..	77.6	..	75.1	..	70.4	..	..
4Q2000	..	77.6	..	75.1	..	70.4	..	..
1Q2001	..	77.6	..	75.1	..	70.4	..	..
2Q2001	..	77.6	..	75.1	..	70.4	..	..
3Q2001	..	77.6	..	75.1	..	70.4	..	..
4Q2001	..	78.9	..	75.1	..	70.4	..	..
1Q2002	..	79.5	..	81.4	..	70.4	..	..
2Q2002	..	77.8	..	81.4	..	70.4	..	..
3Q2002	..	81.8	..	81.4	..	70.4	..	..
4Q2002	..	81.9	..	81.4	..	70.4	..	..
1Q2003	..	81.9	..	81.4	..	70.4	..	..
2Q2003	..	81.9	..	81.4	..	70.4	..	..
3Q2003	..	83.4	..	81.4	..	70.4	..	..
4Q2003	..	83.2	..	81.4	..	70.4	..	..
1Q2004	..	84.3	..	81.4	..	72.0	..	..
2Q2004	..	86.0	..	81.4	..	72.8	..	..
3Q2004	..	91.7	..	81.4	..	74.8	..	..
4Q2004	..	93.8	..	81.4	..	90.0	..	..
1Q2005	..	92.4	..	94.9	..	97.8	..	..
2Q2005	..	93.9	..	94.9	..	98.2	..	..
3Q2005	..	99.7	..	94.9	..	98.2	..	..
4Q2005	..	114.1	..	115.4	..	105.9	..	..
1Q2006	..	111.8	..	125.0	..	104.2	..	..
2Q2006	..	116.5	..	133.9	..	106.9	..	..
3Q2006	..	118.5	..	131.7	..	107.3	..	..
4Q2006	..	106.2	..	130.4	..	103.2	..	..
1Q2007	..	103.3	..	122.4	..	101.9	..	..
2Q2007	..	105.2	..	117.6	..	102.2	..	..
3Q2007	..	111.9	..	120.3	..	105.1	..	..
4Q2007	..	112.4	..	121.6	..	106.8	..	..
1Q2008	..	113.5	..	121.6	..	107.3	..	..
2Q2008	..	..	..	..	..	..	..	..

# MALTA

## GENERAL NOTES

**Conversion to Euro:** Prices and taxes prior to 1 January 2008, the date of entry into the Economic and Monetary Union (EMU), have been converted from Maltese Liras using the appropriate irrevocable conversion rate equal to 0.4293 Liras/Euro.

This methodology facilitates comparisons within a country over time and ensures that the historical evolution (i.e. growth rates) is preserved. However, pre-EMU Euro are a notional unit and are not normally suitable to form area aggregates or to carry out cross-country comparisons.

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry because it is refunded on purchases for commercial purposes.

From	To	%
01.05.04	now	18

## OIL PRODUCTS

**Source:** Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

Prices shown are the prices most frequently charged, based on a weighted average.

### Heavy Fuel Oil

Delivered consumer prices for offtakes of less than 2 000 tonnes per month or less than 24 000 tonnes per year.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*High Sulphur Fuel Oil*

Sulphur content: > 1%

### Light Fuel Oil

Delivered consumer prices for deliveries of 2 000 to 5 000 litres (for offtakes of less than 2 000 litres the industrial sector may be taken into consideration).

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Heating gas oil

### Automotive Diesel Oil

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Automotive gas oil

### Gasoline

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*Leaded Substitute Gasoline*

Quality: Lead substitute petrol

*Unleaded Premium 95 RON Gasoline*

Quality: Euro Super 95

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### Oil Products

Retail: HICP, Fuels and lubricants for personal transport equipment (cp0722).

### Electricity

Retail: HICP, Electricity (cp0451).

### Natural Gas

Retail: HICP, Gas (cp0452).

## ROMANIA

Table 1 - Average Prices and Taxes in New Romanian Lei

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	69.2	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	1423.3	45.0	-	45.0	1468.3
2Q2008	..	..	..	..	..	1564.0	45.0	-	45.0	1609.0
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	122.8	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	1690.0	0.9	-	0.9	1690.9	1690.0	0.9	321.3	322.2	2012.2
2Q2008	1795.0	0.9	-	0.9	1795.9	1795.0	0.9	341.2	342.1	2137.1
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	0.225
1998	..	..	..	..	0.246	..	..	..	..	0.319
1999	..	..	..	..	..	..	..	..	..	0.532
2000	..	..	..	..	..	..	..	..	..	0.848
2001	..	..	..	..	..	..	..	..	..	1.322
2002	..	..	..	..	..	..	..	..	..	1.590
2003	..	..	..	..	..	..	..	..	..	1.887
2004	..	..	..	..	..	..	..	..	..	2.467
2005	..	..	..	..	..	..	..	..	..	3.032
2006	..	..	..	..	..	..	..	..	..	3.290
2007	..	..	..	..	..	..	..	..	..	3.150
2Q2007	..	..	..	..	..	..	..	..	..	3.090
3Q2007	..	..	..	..	..	..	..	..	..	3.120
4Q2007	..	..	..	..	..	..	..	..	..	3.360
1Q2008	..	..	..	..	..	..	..	..	..	3.780
2Q2008	..	..	..	..	..	..	..	..	..	..

## ROMANIA

Table 2 - Average Prices and Taxes in New Romanian Lei

Premium Unleaded (98 RON) Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	0.266
1998	..	..	..	..	..	..	..	..	..	0.405
1999	..	..	..	..	..	..	..	..	..	0.814
2000	..	..	..	..	..	..	..	..	..	1.121
2001	..	..	..	..	..	..	..	..	..	1.517
2002	..	..	..	..	..	..	..	..	..	2.022
2003	..	..	..	..	..	..	..	..	..	2.429
2004	..	..	..	..	..	..	..	..	..	2.720
2005	..	..	..	..	..	..	..	..	..	3.236
2006	..	..	..	..	..	..	..	..	..	3.350
2007	..	..	..	..	..	..	..	..	..	3.290
2Q2007	..	..	..	..	..	..	..	..	..	3.320
3Q2007	..	..	..	..	..	..	..	..	..	3.340
4Q2007	..	..	..	..	..	..	..	..	..	3.420
1Q2008	..	..	..	..	..	..	..	..	..	3.630
2Q2008	..	..	..	..	..	..	..	..	..	..
Regular Unleaded Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	57.62
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	21.68
1998	..	..	..	..	..	..	..	..	..	36.41
1999	..	..	..	..	..	..	..	..	..	80.40
2000	..	..	..	..	..	..	..	..	..	130.42
2001	..	..	..	..	..	..	..	..	..	223.56
2002	..	..	..	..	..	..	..	..	..	351.30
2003	..	..	..	..	..	..	..	..	..	423.90
2004	..	..	..	..	..	..	..	..	..	587.16
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## ROMANIA

Table 3 - Average Prices and Taxes in New Romanian Lei

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	20.7	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	14.293	..	..	..	..	..
1998	..	..	..	..	29.125	..	..	..	..	50.8
1999	..	..	..	..	39.191	..	..	..	..	..
2000	..	..	..	..	59.614	..	..	..	..	..
2001	..	..	..	..	79.490	..	..	..	..	..
2002	..	..	..	..	107.493	..	..	..	..	..
2003	..	..	..	..	135.247	..	..	..	..	..
2004	..	..	..	..	156.456	..	..	..	..	..
2005	..	..	..	..	181.108	..	..	..	..	..
2006	..	..	..	..	205.140	..	..	..	..	..
2007	..	..	..	..	222.810	..	..	..	..	..
2Q2007	..	..	..	..	221.330	..	..	..	..	..
3Q2007	..	..	..	..	221.970	..	..	..	..	..
4Q2007	..	..	..	..	226.740	..	..	..	..	..
1Q2008	..	..	..	..	213.670	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.0329	..	..	..	0.0329	0.0161	..	..	..	0.0161
1998	0.0396	..	..	..	0.0396	0.0281	..	..	..	0.0281
1999	0.0561	..	..	..	0.0561	0.0634	..	..	..	0.0634
2000	0.0794	-	0.0151	0.0151	0.0944	0.0944	-	0.0179	0.0179	0.1124
2001	0.1019	-	0.0194	0.0194	0.1212	0.1212	-	0.0230	0.0230	0.1442
2002	0.1477	-	0.0281	0.0281	0.1758	0.1710	-	0.0325	0.0325	0.2035
2003	0.1880	-	0.0357	0.0357	0.2238	0.2033	-	0.0386	0.0386	0.2419
2004	0.1938	-	0.0368	0.0368	0.2307	0.2507	-	0.0476	0.0476	0.2984
2005	0.2316	-	0.0440	0.0440	0.2756	0.2787	-	0.0530	0.0530	0.3316
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**ROMANIA**  
**Table 4 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
	2000 = 100	2005 = 100	2000 = 100	2005 = 100	2000 = 100	2005 = 100	2000 = 100	2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	..	..	..	..	..	..	..
1997	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..
2000	100.0	..	100.0	..	100.0	..	100.0	..
2001	143.1	49.3	137.8	48.5	163.4	33.7	127.4	45.9
2002	174.7	65.2	197.7	65.1	200.0	46.1	168.8	58.2
2003	210.9	78.4	220.1	71.8	206.0	55.3	184.1	74.0
2004	245.6	87.8	278.6	90.1	243.4	74.6	199.7	88.3
2005	331.0	100.0	310.4	100.0	365.9	100.0	208.4	100.0
2006	454.9	104.2	326.1	104.8	486.2	125.3	220.9	104.0
2007	488.0	103.1	350.4	112.6	601.9	130.9	245.1	109.2
2Q2000	93.5	..	84.8	..	98.7	..	90.1	..
3Q2000	100.4	..	114.7	..	105.8	..	109.0	..
4Q2000	118.4	..	119.6	..	107.8	..	114.8	..
1Q2001	132.2	45.7	119.6	42.6	107.6	28.5	116.5	43.5
2Q2001	136.5	46.6	127.1	44.7	160.3	28.6	116.5	44.1
3Q2001	147.9	50.0	146.0	51.2	190.1	35.2	128.9	45.4
4Q2001	156.0	54.8	158.3	55.5	195.5	42.6	147.7	50.8
1Q2002	158.1	56.8	176.7	60.3	199.2	45.7	160.4	54.5
2Q2002	166.6	61.0	202.4	65.6	200.3	45.8	169.7	55.4
3Q2002	176.3	69.7	206.2	67.4	200.3	45.9	172.6	57.3
4Q2002	197.6	73.3	205.6	67.2	200.3	47.2	172.4	65.4
1Q2003	211.4	76.6	210.6	68.5	200.3	48.5	178.9	69.4
2Q2003	212.2	78.2	207.0	67.7	200.3	50.3	181.3	71.0
3Q2003	205.5	78.9	219.2	71.5	206.2	57.1	183.8	75.1
4Q2003	214.3	79.9	243.7	79.4	217.2	65.2	192.5	80.2
1Q2004	219.0	83.2	268.1	86.6	218.3	69.0	195.7	85.1
2Q2004	225.8	84.2	268.2	86.6	233.4	72.3	202.8	86.2
3Q2004	253.1	89.7	289.1	93.5	253.0	75.8	202.8	87.7
4Q2004	284.8	94.2	289.1	93.5	268.7	81.3	197.6	94.5
1Q2005	281.3	93.2	302.4	97.6	295.5	85.0	206.7	98.4
2Q2005	314.9	99.9	302.6	97.6	368.8	101.2	211.5	98.7
3Q2005	347.9	104.3	318.2	102.5	380.6	106.2	208.8	100.2
4Q2005	379.7	102.7	318.2	102.5	418.7	107.6	206.7	102.6
1Q2006	377.4	102.3	324.7	104.4	473.9	120.9	214.4	102.9
2Q2006	464.8	105.2	324.9	104.4	475.8	123.2	218.5	102.9
3Q2006	488.3	107.8	325.0	104.4	474.4	125.2	223.5	103.7
4Q2006	489.3	101.4	330.0	106.0	520.8	132.0	227.2	106.6
1Q2007	468.2	98.1	340.6	109.2	541.8	130.3	239.4	108.2
2Q2007	471.4	103.4	353.6	113.8	612.0	129.4	245.6	108.4
3Q2007	478.9	104.1	353.7	113.8	630.4	129.6	247.0	109.1
4Q2007	533.6	106.7	353.7	113.8	623.2	134.2	248.4	110.9
1Q2008	..	112.5	..	113.8	..	141.5	..	112.3
2Q2008	..	..	..	..	..	..	..	..

# ROMANIA

## GENERAL NOTES

As of the first quarter 2006 edition, all prices and taxes are expressed in new Romanian lei (RON). The new Lei is equal to 10 000 old Lei.

**Source:** Unless specified otherwise, National Institute for Statistics, Romania.

## OIL PRODUCTS

### Heavy Fuel Oil

Delivered consumer prices for offtakes of less than 2 000 tonnes per month or less than 24 000 tonnes per year. Prices shown are the prices most frequently charged, based on a weighted average.

#### Specifications

##### Low Sulphur Fuel Oil

Density: 0.99 t/kl (assumed)  
Sulphur content:  $\leq 1\%$

**Source:** From 1Q2008 onwards, prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### Light Fuel Oil

Delivered consumer prices for deliveries of 2 000 to 5 000 litres (for offtakes of less than 2 000 litres the industrial sector may be taken into consideration). Prices shown are the prices most frequently charged, based on a weighted average.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Heating gas oil

**Source:** From 1Q2008 onwards, prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

### Automotive Diesel

Prices shown refer to the average of all consumer categories. From 1Q04 onwards, prices refer to Euro Diesel.

#### Specifications

Quality: Euro Type EN 590  
Sulphur Content: 350 mg/kg (maximum)

### Gasoline

#### Specifications

*Premium Leaded 96/98 RON gasoline*  
Quality: Super Plus

*Premium Unleaded 95 RON gasoline*  
Quality: Euro Premium Type EN228

## COAL

### Steam Coal for Households

Prices include VAT and refer to the weighted average price from electricity sales to the urban (57%) and rural (43%) residential sectors.

#### Specifications

Quality: Sorted Lignite  
GCV: 5 500 kcal/kg (assumed)

## NATURAL GAS

### Households and Industry

Data refer to average prices for all consumers.

#### Specifications

GCV: 9 320 kcal/m<sup>3</sup> (assumed)

## ELECTRICITY

**Source:** Romanian Electricity and Heat Regulatory Authority (ANRE).

## ENERGY PRICE INDICES

The industrial production price indices refer only to products delivered to domestic market. Wholesale indices exclude VAT. Base year for these indices is 2000. Retail indices include VAT; base year for these is 2005.

**Sources:** Wholesale: National Institute for Statistics, Romania. Retail: Eurostat Harmonised indices of consumer prices (HICP).

***Oil Products***

Wholesale: products of class 23.20 "Manufacture of refined petroleum products" (NACE Rev. 1).

Retail: Weighted average of HICP, Liquid fuels (cp0453) and HICP, Fuels and lubricants for personal transport equipment (cp0722).

***Electricity***

Wholesale: products of class 40.11 "Production of electric energy" (NACE Rev. 1).

Retail: HICP, Electricity (cp0451).

***Natural Gas***

Wholesale: includes associated gases, methane gas and free gases in gaseous state.

Retail: HICP, Gas (cp0452).

***Coal***

Wholesale: products of class 10 "Mining and agglomeration of coal" (NACE Rev. 1).

Retail: HICP, Solid fuels (cp0454).



## RUSSIA

Table 1 - Average Prices and Taxes in Russian Rubles

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	436	..	..	..	..	..	..	..	..	..
1998	432	..	..	..	..	..	..	..	..	..
1999	837	..	..	..	..	..	..	..	..	..
2000	1722	..	..	..	..	..	..	..	..	..
2001	1622	..	..	..	..	..	..	..	..	..
2002	1994	..	..	..	..	..	..	..	..	..
2003	2246	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	3171	..	..	..	..	..
2005	..	..	..	..	4465	..	..	..	..	..
2006	..	..	..	..	6365	..	..	..	..	..
2007	..	..	..	..	6196	..	..	..	..	..
2Q2007	..	..	..	..	5963	..	..	..	..	..
3Q2007	..	..	..	..	6547	..	..	..	..	..
4Q2007	..	..	..	..	8018	..	..	..	..	..
1Q2008	..	..	..	..	7827	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.816	..	..	..	..	..	..	..	..	..
1998	0.828	..	..	..	..	..	..	..	..	2.321
1999	1.984	..	..	..	..	..	..	..	..	3.498
2000	3.589	..	..	..	..	..	..	..	..	5.783
2001	4.432	0.464	0.979	1.443	5.875	..	..	..	..	7.411
2002	3.978	0.519	0.899	1.418	5.396	..	..	..	..	..
2003	5.157	0.750	1.181	1.931	7.088	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	14.016
2006	..	..	..	..	..	..	..	..	..	16.783
2007	..	..	..	..	..	..	..	..	..	17.254
2Q2007	..	..	..	..	..	..	..	..	..	16.984
3Q2007	..	..	..	..	..	..	..	..	..	17.075
4Q2007	..	..	..	..	..	..	..	..	..	17.893
1Q2008	..	..	..	..	..	..	..	..	..	20.202
2Q2008	..	..	..	..	..	..	..	..	..	..

## RUSSIA

Table 2 - Average Prices and Taxes in Russian Rubles

Premium Unleaded (95 RON) Gasoline (per litre)						Premium Unleaded (92 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	2.153
1998	..	..	..	..	..	..	..	..	..	2.423
1999	..	..	..	..	..	..	..	..	..	5.070
2000	..	..	..	..	..	..	..	..	..	7.393
2001	4.411	1.373	1.157	2.530	6.941	3.835	1.373	1.042	2.415	6.250
2002	4.893	1.538	1.286	2.824	7.717	4.300	1.538	1.168	2.706	7.006
2003	6.023	2.227	1.650	3.877	9.900	5.082	2.227	1.462	3.689	8.771
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	16.461	..	..	..	..	15.284
2006	..	..	..	..	19.015	..	..	..	..	17.722
2007	..	..	..	..	20.432	..	..	..	..	18.957
2Q2007	..	..	..	..	20.146	..	..	..	..	18.677
3Q2007	..	..	..	..	20.442	..	..	..	..	19.002
4Q2007	..	..	..	..	21.044	..	..	..	..	19.519
1Q2008	..	..	..	..	22.221	..	..	..	..	20.652
2Q2008	..	..	..	..	..	..	..	..	..	..
Regular Unleaded (76 RON) Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	44.02	..	..	..	..
1998	..	..	..	..	..	47.61	..	..	..	..
1999	..	..	..	..	..	60.01	..	..	..	..
2000	..	..	..	..	..	77.47	..	..	..	..
2001	3.372	1.002	0.875	1.877	5.249	126.61	..	..	..	..
2002	3.166	1.122	0.858	1.980	5.146	207.08	..	..	..	..
2003	4.309	1.626	1.187	2.813	7.122	187.77	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	1259.66
2005	..	..	..	..	13.119	..	..	..	..	1513.95
2006	..	..	..	..	15.119	..	..	..	..	1689.91
2007	..	..	..	..	15.996	..	..	..	..	1961.64
2Q2007	..	..	..	..	15.799	..	..	..	..	1932.40
3Q2007	..	..	..	..	16.005	..	..	..	..	1975.32
4Q2007	..	..	..	..	16.408	..	..	..	..	1991.42
1Q2008	..	..	..	..	17.295	..	..	..	..	2450.64
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	253.00
2001	..	..	97.30	..	583.90	..	..	..	..	316.60
2002	..	..	124.00	..	744.10	..	..	..	..	402.25
2003	..	..	161.60	..	969.50	..	..	..	..	542.20
2004	..	..	..	..	..	..	..	..	..	651.70
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## RUSSIA

Table 3 - Average Prices and Taxes in Russian Rubles

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	141.8	..	..	..	..	..	..	..	..	..
1998	142.8	..	..	..	..	..	..	..	..	..
1999	156.5	..	..	..	..	..	..	..	..	..
2000	206.5	..	..	..	..	..	..	..	..	..
2001	293.3	..	..	..	..	..	..	..	..	..
2002	307.0	..	..	..	..	..	..	..	..	..
2003	307.8	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	724.3	..	..	..	..	..
2005	..	..	..	..	789.8	..	..	..	..	..
2006	..	..	..	..	865.0	..	..	..	..	..
2007	..	..	..	..	940.5	..	..	..	..	..
2Q2007	..	..	..	..	927.0	..	..	..	..	..
3Q2007	..	..	..	..	960.0	..	..	..	..	..
4Q2007	..	..	..	..	949.0	..	..	..	..	..
1Q2008	..	..	..	..	987.0	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	132.3	..	..	..	..
1998	..	..	..	..	..	117.0	..	..	..	..
1999	..	..	..	..	..	144.8	..	..	..	..
2000	..	..	..	..	..	239.5	..	..	..	..
2001	..	..	..	..	..	349.5	..	..	..	..
2002	..	..	..	..	..	337.0	..	..	..	..
2003	..	..	..	..	..	373.3	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	2045.5
2005	..	..	..	..	..	..	..	..	..	2618.5
2006	..	..	..	..	..	..	..	..	..	2170.8
2007	..	..	..	..	..	..	..	..	..	2591.8
2Q2007	..	..	..	..	..	..	..	..	..	2501.0
3Q2007	..	..	..	..	..	..	..	..	..	2504.0
4Q2007	..	..	..	..	..	..	..	..	..	2819.0
1Q2008	..	..	..	..	..	..	..	..	..	3980.0
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	0.2665	..	..	..	..	..	..	..	..	..
1998	0.2568	..	..	..	..	..	..	..	..	..
1999	0.2698	..	..	..	..	..	..	..	..	..
2000	0.3838	..	..	..	..	..	..	..	..	..
2001	0.5105	-	0.1021	0.1021	0.6126	..	..	..	..	..
2002	0.6270	-	0.1254	0.1254	0.7524	..	..	..	..	..
2003	0.7328	-	0.1466	0.1466	0.8794	..	..	..	..	..
2004	..	..	..	..	0.8700	..	..	..	..	..
2005	..	..	..	..	0.9025	..	..	..	..	..
2006	..	..	..	..	0.9850	..	..	..	..	..
2007	..	..	..	..	0.9800	..	..	..	..	..
2Q2007	..	..	..	..	0.9800	..	..	..	..	..
3Q2007	..	..	..	..	0.9600	..	..	..	..	..
4Q2007	..	..	..	..	1.0100	..	..	..	..	..
1Q2008	..	..	..	..	1.2300	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

# RUSSIA

## GENERAL NOTES

**General Tax (VAT):** Prior to 1992, there was no VAT in Russia. The Soviet state budget was financed through a turnover tax and through confiscatory income tax on above-norm profits.

From	To	%
01.01.92	31.12.92	28
01.01.93	31.12.93	20
01.01.94	31.12.94	23
01.01.95	now	20

For some products and time periods, ex-tax prices refer to average producers' prices as shipped to the domestic Russian market, excluding value added tax, excises and other taxes not included into the prime cost, as well as excluding costs of transportation to the consumer. See below for details.

**Sources:** Unless otherwise specified, the source is the Federal State Statistics Service (Rosstat), which until 2004 was known as the State Committee of the Russian Federation on Statistics (Goskomstat of Russia).

## OIL PRODUCTS

### Special Tax

#### Road User's Tax

From	To	% Refinery/ ex-tax price
Prior to	31.12.93	25
01.01.99	31.12.00	2.5
01.01.01	31.12.02	1

### Heavy Fuel Oil

#### Specifications

Quality: Mazut for fuel

From 2004 onwards, prices refer to the selling prices to industrial organisations. From 1995 to 2003, prices refer to producer prices for heating purposes for all the economy sectors. Quarterly prices refer to end-period producer prices. Annual figures are averages of the four quarters.

Prior to 1995, prices represent deliveries to power stations and exclude VAT.

From 1990-92, prices represent delivered prices, calculated as refinery price plus transportation costs. Transport costs are calculated according to freight tariff indices, which are published in *Vestnik Statistiki*.

### Light Fuel Oil

Price for industry is equal to the automotive diesel fuel oil, less the amount of Road Tax.

Price for households is the industry price plus VAT.

#### Specifications

Density: 0.84 t/kl (assumed)

### Automotive Diesel Oil for Households

From 1Q2005 onwards, quarterly and yearly data are arithmetic averages of weekly data. Prices prior to 3Q2002 were based on monthly average of "Consumer Prices" for the Moscow region.

**Sources:** Prior to 3Q2002, data published *Infotek, Statistics Documents, Fakty*, Ministry of Energy.

### Automotive Diesel Oil for Industry

Prior to 2001, prices refer to end-quarter producer prices.

Prior to 1994, prices exclude VAT, but include the Road tax.

**Sources:** From 2Q2004 onwards, Russian Information Agency of the Fuel and Energy Complex. From 2001 to 2003, Ministry of Energy. Prior to 2001, Goskomstat, Department of Foreign States Statistics on International Co-operation.

### Gasoline

From 1Q2005 onwards, quarterly and yearly data are arithmetic averages of weekly data. From 1Q2001 to 4Q2004, quarterly and yearly data are weighted averages of monthly data. Before 1Q2001, quarterly prices are for the end of the period and yearly prices are averages of the four quarters.

#### Specifications:

Density: 0.76 t/kl (assumed)

*Unleaded Premium 95 RON gasoline*

Quality: AN-95

Octane: 95 RON and higher

*Unleaded Premium 92 RON gasoline*

Quality: AN-92 and AN-93  
 Octane: 92 RON and 93 RON

*Unleaded Regular 76 RON gasoline*

Quality: AN-76  
 Octane: 76 RON

*Leaded Premium 92 RON gasoline*

Quality: A-92 and A-93  
 Octane: 92 RON and 93 RON

*Leaded Regular 76 RON gasoline*

Quality: A-76  
 Octane: 76 RON

**Sources:** For unleaded gasoline: from 1Q2005 onwards and from 1997 to 2000, Federal State Statistic Service (Rosstat); from 2001 to 2004, Ministry of Energy. For leaded gasoline: prior to 1Q2004, *Infotek, Statistics Documents, Fakty*, Ministry of Energy.

From 1998 to 2000, leaded premium gasoline quarterly prices refer to averages of monthly "Consumer Prices" for the Moscow region. Leaded regular gasoline prices refer to end-quarter prices and annual figures are averages of the four quarters.

Prior to 1995, leaded gasoline prices refer to road vehicle use only, and represent the average prices for 76 RON and 93 RON gasolines (70% and 30% respectively). The price of 93 RON is 1.3 times higher than 76 RON.

From 1Q92 to 4Q1994, leaded gasoline prices shown include the road tax, value added tax, and gasoline station charges. Prior to 1Q92, the turnover tax is included in the price shown.

**NATURAL GAS**

Prior to 1995, VAT is excluded from all prices shown except for households.

**Industry**

From 2004 onwards, prices refer to the average selling prices of gas acquired by industrial organisations. From 1995 to 2003, prices refer to producer prices, including natural gas and associated gas, for all the economy sectors. Quarterly prices refer to end-period producer prices. Annual figures are averages of the four quarters.

**Specifications**

GCV: 9 320 kcal/m<sup>3</sup>, 0°C and 760 mm pressure (assumed)

**Sources:** From 1995 onwards, Federal State Statistics Service (Rosstat). For 1993 only, power utilities' Economic Forecasting Institute of the Russian Academy

of Science. From October 1992 to December 1993, Goskomstat publications. From 1990 to September 1992, Government Decrees.

**Electricity Generation**

Prices for natural gas for electricity generation show the maximum regulated price set by the Federal Energy Commission. The Regional Energy Commission may set its own maximum regulated price based on the federal rate.

**Specification:**

GCV: 8 974 kcal/m<sup>3</sup> (assumed)

**Source:** Ministry of Energy.

**Households**

The total price paid by household consumers is established by administrators of the Russian regions and covers the regulated wholesale price for household consumers, a transportation tariff and a marketing and sales service fee. In some cases the total price may also cover a utilities or municipal maintenance fee.

**Source:** *Gazprom in Figures 2000-2004*, Gazprom.

**COAL****Steam Coal for Industry**

From 2004 onwards, prices refer to the selling prices to industrial organisations. From 1994 until 2003, prices are producer prices for both the industry and electricity generating sectors. From 1997 prices refer to hard coal, while prior to 1997 prices referred to both hard coal and brown coal. Quarterly prices refer to end-period prices. Annual figures are averages of the four quarters.

**Coking Coal for Industry**

From 2004 onwards, prices refer to the selling prices to industrial organisations. From 1995 onwards, quarterly prices refer to end-period producer prices. Annual figures are averages of the four quarters.

**Sources:** Data published: *Annual Statistics Yearbook of Russia*.

The following information pertains to data prior to 1994.

Coking coal is used mostly in the metallurgy industry. Prices shown are for washed coking coal (coal concentrate). Washed coking coal is more expensive than unwashed coking coal if all costs are included. However,

prices paid by steel mills for washed coal do not cover all washing costs.

## ELECTRICITY

### *Industry*

From 2004 onwards, prices refer to the selling prices to industrial organisations. From 1995 onwards, quarterly prices refer to end-period disbursing prices for industrial organisations (excluding VAT). Annual figures are averages of the four quarters.

**Sources:** From 1990 to 1992, the Ministry of Fuel and Energy data. Data published: *Annual Statistics Yearbook of Russia*.

The following information pertains to data prior to 1994.

Prices shown are delivered prices based on the average revenue per unit covering contracts with two-stage tariffs (customers with > 750 kW, 1 000 kW prior to 1991), standing charge expressed in RUB/kW) and one-stage tariffs (all customers with less capacity).

In Monsenergo area, 66% of industrial consumption is based on the two-stage tariff; 34% on the one-stage tariff.

### *Households*

Prices refer to the weighted average price from electricity sales to the residential sector urban (57%) and rural (43%).

## SINGAPORE

Table 1 - Average Total Prices in Singapore Dollars

	Heavy Fuel Oil (per tonne)		Automotive LPG (per litre)		Automotive Diesel (per litre)	
	HSFO	LSFO	Commercial	Non-Commercial	Commercial	Non-Commercial
1997	..	..	..	..	..	..
1998	..	..	..	..	..	..
1999	..	..	..	..	..	..
2000	..	..	..	..	..	0.573
2001	..	..	..	0.981	..	0.557
2002	..	..	..	0.956	..	0.548
2003	..	..	..	1.038	..	0.604
2004	..	..	..	1.108	..	0.736
2005	..	..	..	1.141	..	0.943
2006	..	..	..	1.253	..	1.088
2007	..	..	..	1.323	..	1.124
2Q2007	..	..	..	1.279	..	1.060
3Q2007	..	..	..	1.322	..	1.160
4Q2007	..	..	..	1.413	..	1.343
1Q2008	..	..	..	1.523	..	1.430
2Q2008	..	..	..	..	..	..

	Gasoline (per litre)			Natural Gas (per 10 <sup>7</sup> kilocalories GCV)		
	Premium Leaded	Prem. Unleaded (98/95 RON)	Reg. Unleaded (92 RON)	Industry	Electricity Generation	Households
1997	..	..	..	..	..	..
1998	..	..	..	..	..	..
1999	..	..	..	..	..	..
2000	..	1.400	1.305	..	..	..
2001	..	1.346	1.274	..	..	..
2002	..	1.228	1.153	..	..	..
2003	..	1.260	1.158	..	..	..
2004	..	1.409	1.311	..	..	..
2005	..	1.508	1.420	..	..	..
2006	..	1.601	1.502	..	..	..
2007	..	1.667	1.562	..	..	..
2Q2007	..	1.600	1.490	..	..	..
3Q2007	..	1.730	1.620	..	..	..
4Q2007	..	1.907	1.807	..	..	..
1Q2008	..	1.987	1.890	..	..	..
2Q2008	..	..	..	..	..	..

	Coal (per tonne)				Electricity (per kilowatt hour)	
	Coking Coal Industry	Steam Coal Industry	Steam Coal Elec. Gen.	Steam Coal Households	Industry	Households
1997	x	x	x	x	..	..
1998	x	x	x	x	..	..
1999	x	x	x	x	..	..
2000	x	x	x	x	..	..
2001	x	x	x	x	..	..
2002	x	x	x	x	0.1206	0.1611
2003	x	x	x	x	0.1221	0.1665
2004	x	x	x	x	0.1248	0.1680
2005	x	x	x	x	0.1331	0.1842
2006	x	x	x	x	0.1530	0.2205
2007	x	x	x	x	0.1694	0.2160
2Q2007	x	x	x	x	0.1638	0.2003
3Q2007	x	x	x	x	0.1677	0.2165
4Q2007	x	x	x	x	0.1766	0.2273
1Q2008	x	x	x	x	0.1834	0.2399
2Q2008	x	x	x	x	..	..

# SINGAPORE

## GENERAL NOTES

Energy products in Singapore are subject to excise duties and the Goods and Services Tax (GST).

### Good and Services Tax (GST)

From	To	%
01.04.94	31.12.02	3
01.01.03	31.12.03	4
01.01.04	30.06.07	5
01.07.07	now	7

**Sources:** Unless otherwise specified, Statistics Singapore.

## OIL PRODUCTS

The quarterly retail prices of petrol and diesel are derived from monthly average prices net of regular discounts given to customers by all oil companies in Singapore at all petrol stations for the reference month. The yearly prices are computed based on monthly average prices.

### *Automotive Diesel Oil*

#### Excise Tax

From	To	S\$/litre
01.01.98	now	No longer levied

#### Specifications

Grade: Ultra Low Sulphur Diesel.

### *Gasoline*

#### Excise Tax

Petrol > 96 RON		
From	To	S\$/litre
01.01.00	12.10.01	0.5 or 40% of ex-tax price, whichever was higher
13/10/01	27.02.03	0.44 or 35% of ex-tax price, whichever was higher
28.02.03	now	0.44

#### Petrol 90-96 RON

From	To	S\$/litre
01.01.00	12.10.01	0.47 or 40% of ex-tax price, whichever was higher
13.10.01	27.02.03	0.41 or 35% of ex-tax price, whichever was higher
28.02.03	now	0.41

#### Specifications

Grade and Octane: Premium Unleaded 98/95 RON  
Regular Unleaded 92 RON

### *Automotive LPG*

Pump Prices. Excise tax is not levied. Prices in litres have been converted from kilograms using an estimated conversion factor from the IEA secretariat.

## NATURAL GAS

Prices are under commercial contracts and thus confidential.

## COAL

Coal is not used in significant quantities in Singapore.

## ELECTRICITY

The prices shown refer to total price, including all taxes. These are therefore different to the Singapore electricity ex-tax prices published in other international publications.

**Source:** Energy Market Authority, a statutory board under the Ministry of Trade and Industry, Singapore.



## SLOVENIA

Table 1 - Average Prices and Taxes in Euro

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	253.16	53.08	-	53.08	306.24
2006	..	..	..	..	..	316.09	52.58	-	52.58	368.67
2007	..	..	..	..	..	308.69	52.53	-	52.53	361.22
2Q2007	..	..	..	..	..	289.20	52.52	-	52.52	341.72
3Q2007	..	..	..	..	..	325.28	52.52	-	52.52	377.80
4Q2007	..	..	..	..	..	352.05	52.52	-	52.52	404.57
1Q2008	..	..	..	..	..	396.84	52.52	-	52.52	449.36
2Q2008	..	..	..	..	..	401.23	52.52	-	52.52	453.75
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	404.87	64.52	-	64.52	469.38	404.87	64.52	93.88	158.40	563.26
2006	460.13	53.39	-	53.39	513.52	460.13	53.39	102.70	156.09	616.22
2007	459.12	53.50	-	53.50	512.62	459.12	53.50	102.52	156.02	615.14
2Q2007	442.49	53.50	-	53.50	495.99	442.49	53.50	99.20	152.70	595.19
3Q2007	468.11	53.50	-	53.50	521.61	468.11	53.50	104.32	157.82	625.93
4Q2007	522.46	53.50	-	53.50	575.96	522.46	53.50	115.19	168.69	691.15
1Q2008	553.25	53.50	-	53.50	606.75	553.25	53.50	121.35	174.85	728.10
2Q2008	622.13	53.50	-	53.50	675.63	622.13	53.50	135.13	188.63	810.75
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	0.446	0.314	-	0.314	0.760	0.446	0.314	0.152	0.466	0.912
2006	0.491	0.311	-	0.311	0.802	0.491	0.311	0.160	0.471	0.962
2007	0.493	0.318	-	0.318	0.811	0.493	0.318	0.162	0.480	0.973
2Q2007	0.475	0.323	-	0.323	0.798	0.475	0.323	0.159	0.482	0.957
3Q2007	0.502	0.323	-	0.323	0.825	0.502	0.323	0.165	0.488	0.990
4Q2007	0.560	0.302	-	0.302	0.862	0.560	0.302	0.172	0.474	1.034
1Q2008	0.582	0.302	-	0.302	0.884	0.582	0.302	0.177	0.479	1.060
2Q2008	0.664	0.302	-	0.302	0.966	0.664	0.302	0.194	0.496	1.159

**SLOVENIA**  
**Table 2 - Average Prices and Taxes in Euro**

Premium Leaded Gasoline (per litre)						Premium Unleaded (95 RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	0.397	0.368	0.153	0.521	0.918
2006	..	..	..	..	..	0.458	0.372	0.166	0.538	0.996
2007	..	..	..	..	..	0.469	0.390	0.172	0.561	1.030
2Q2007	..	..	..	..	..	0.492	0.400	0.178	0.578	1.070
3Q2007	..	..	..	..	..	0.486	0.400	0.177	0.577	1.064
4Q2007	..	..	..	..	..	0.494	0.359	0.171	0.530	1.024
1Q2008	..	..	..	..	..	0.509	0.359	0.174	0.533	1.041
2Q2008	..	..	..	..	..	0.546	0.359	0.181	0.540	1.086
Automotive LPG (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	0.347	0.078	0.085	0.163	0.510	..	..	..	..	..
2006	0.391	0.078	0.094	0.172	0.563	..	..	..	..	..
2007	0.410	0.078	0.098	0.176	0.585	..	..	..	..	..
2Q2007	0.402	0.078	0.096	0.174	0.576	..	..	..	..	..
3Q2007	0.402	0.078	0.096	0.174	0.576	..	..	..	..	..
4Q2007	0.432	0.078	0.102	0.180	0.612	..	..	..	..	..
1Q2008	0.486	0.077	0.113	0.190	0.676	..	..	..	..	..
2Q2008	0.489	0.077	0.113	0.190	0.679	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

**SLOVENIA**  
**Table 3 - Indices of Energy Prices**

	Oil Products		Electricity		Natural Gas		Coal	
	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100	Wholesale	Retail 2005 = 100
1987	..	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..
1996	..	..	..	..	..	..	..	..
1997	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..
2000	..	65.1	..	81.0	..	67.6	..	67.5
2001	..	72.5	..	85.5	..	82.7	..	83.3
2002	..	77.6	..	90.5	..	78.7	..	89.1
2003	..	80.2	..	93.9	..	84.4	..	91.2
2004	..	87.2	..	98.6	..	87.2	..	94.9
2005	..	100.0	..	100.0	..	100.0	..	100.0
2006	..	109.2	..	101.6	..	114.5	..	109.4
2007	..	111.4	..	106.8	..	118.2	..	130.2
2Q2000	..	61.5	..	80.4	..	66.4	..	63.0
3Q2000	..	68.3	..	81.5	..	69.3	..	65.9
4Q2000	..	73.5	..	83.7	..	73.4	..	78.1
1Q2001	..	69.3	..	84.8	..	81.9	..	81.1
2Q2001	..	74.0	..	84.8	..	83.6	..	81.7
3Q2001	..	74.6	..	84.8	..	83.2	..	83.4
4Q2001	..	71.9	..	87.6	..	82.0	..	86.9
1Q2002	..	73.2	..	89.8	..	78.7	..	87.9
2Q2002	..	79.1	..	89.8	..	79.2	..	88.3
3Q2002	..	78.8	..	90.9	..	78.4	..	88.9
4Q2002	..	79.2	..	91.5	..	78.5	..	91.2
1Q2003	..	80.5	..	91.5	..	82.2	..	90.9
2Q2003	..	79.7	..	93.9	..	84.4	..	91.2
3Q2003	..	80.3	..	95.1	..	85.0	..	91.2
4Q2003	..	80.2	..	95.1	..	85.8	..	91.5
1Q2004	..	81.1	..	97.6	..	84.4	..	91.9
2Q2004	..	85.6	..	98.8	..	84.7	..	93.4
3Q2004	..	89.5	..	99.0	..	87.1	..	94.3
4Q2004	..	92.5	..	99.0	..	92.5	..	99.8
1Q2005	..	91.7	..	99.0	..	95.1	..	98.8
2Q2005	..	97.3	..	100.3	..	96.0	..	98.0
3Q2005	..	106.5	..	100.3	..	99.6	..	97.9
4Q2005	..	104.2	..	100.3	..	109.3	..	105.8
1Q2006	..	104.3	..	100.8	..	114.7	..	104.8
2Q2006	..	110.0	..	100.8	..	114.0	..	107.5
3Q2006	..	115.4	..	102.1	..	113.0	..	109.0
4Q2006	..	104.8	..	102.7	..	116.4	..	116.4
1Q2007	..	102.9	..	102.4	..	115.5	..	125.6
2Q2007	..	114.0	..	108.3	..	113.7	..	131.1
3Q2007	..	113.6	..	108.3	..	118.2	..	130.2
4Q2007	..	115.0	..	108.3	..	125.3	..	133.9
1Q2008	..	117.7	..	108.3	..	136.6	..	124.9
2Q2008	..	..	..	..	..	..	..	..

# SLOVENIA

## GENERAL NOTES

**General Tax (VAT):** VAT is not included in prices and taxes shown for industry because it is refunded on purchases for commercial purposes.

From	To	%
01.05.04	now	20

## OIL PRODUCTS

**Source:** Prices published in the *Weekly Oil Bulletin*, DG Energy and Transport, European Commission.

Prices shown are the prices most frequently charged, based on a weighted average.

### Heavy Fuel Oil

Delivered consumer prices for offtakes of less than 2 000 tonnes per month or less than 24 000 tonnes per year.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*Low Sulphur Fuel Oil*

Sulphur content: ≤ 1%

### Light Fuel Oil

Delivered consumer prices for deliveries of 2 000 to 5 000 litres (for offtakes of less than 2 000 litres the industrial sector may be taken into consideration).

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Heating gas oil

### Automotive Diesel Oil

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

Quality: Automotive gas oil

### Gasoline

Pump prices.

**Excise Tax:** As shown in excise tax column.

#### Specifications:

*Unleaded Premium 95 RON Gasoline*

Quality: Euro Super 95

### Automotive LPG

Pump prices.

**Excise Tax:** As shown in excise tax column.

## ENERGY PRICE INDICES

Annual indices are 12-month averages. Quarterly indices refer to the three-month average.

**Source:** Eurostat, Harmonised indices of consumer prices (HICP).

### Oil Products

Retail: Weighted average of HICP, Liquid fuels (cp0453) and HICP, Fuels and lubricants for personal transport equipment (cp0722).

### Electricity

Retail: HICP, Electricity (cp0451).

### Natural Gas

Retail: HICP, Gas (cp0452).

### Coal

Retail: HICP, Solid fuels (cp0454).

## SOUTH AFRICA

Table 1 - Average Prices and Taxes in South African Rand

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	796.2	..	..	..	..	..
1998	..	..	..	..	723.4	..	..	..	..	..
1999	..	..	..	..	867.0	..	..	..	..	..
2000	..	..	..	..	1414.6	..	..	..	..	..
2001	..	..	..	..	1461.2	..	..	..	..	..
2002	..	..	..	..	1941.6	..	..	..	..	..
2003	..	..	..	..	1803.1	..	..	..	..	..
2004	..	..	..	..	1688.8	..	..	..	..	..
2005	..	..	..	..	2104.4	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1.012	0.811	-	0.811	1.823	..	..	..	..	..
1998	0.857	0.935	-	0.935	1.793	..	..	..	..	..
1999	1.062	0.977	-	0.977	2.040	..	..	..	..	..
2000	1.837	0.968	-	0.968	2.804	..	..	..	..	..
2001	2.118	1.005	-	1.005	3.123	..	..	..	..	..
2002	2.452	1.202	-	1.202	3.484	..	..	..	..	..
2003	2.171	1.099	-	1.099	3.270	..	..	..	..	..
2004	2.463	1.222	-	1.222	3.685	..	..	..	..	..
2005	3.280	1.409	-	1.409	4.689	..	..	..	..	..
2006	4.223	1.468	-	1.468	5.691	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	4.428	1.554	-	1.554	5.982	..	..	..	..	..
3Q2007	4.787	1.555	-	1.555	6.342	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## SOUTH AFRICA

Table 2 - Average Prices and Taxes in South African Rand

Premium Leaded (97/98 RON) Gasoline (per litre)						Regular Leaded Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1.201	0.930	-	0.930	2.131	1.232	0.922	-	0.922	2.153
1998	1.226	1.043	-	1.043	2.269	1.268	0.997	-	0.997	2.265
1999	1.588	1.138	-	1.138	2.726	1.441	1.128	-	1.128	2.568
2000	2.247	1.217	-	1.217	3.464	2.115	1.205	-	1.205	3.320
2001	2.489	1.209	-	1.209	3.698	2.512	1.218	-	1.218	3.730
2002	2.758	1.202	-	1.202	3.960	2.828	1.202	-	1.202	4.030
2003	2.600	1.264	-	1.264	3.870	..	..	..	..	..
2004	2.960	1.384	-	1.384	4.340	..	..	..	..	..
2005	3.552	1.569	-	1.569	5.120	..	..	..	..	..
2006	4.158	1.728	-	1.728	5.885	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	4.998	1.815	-	1.815	6.813	..	..	..	..	..
3Q2007	4.972	1.815	-	1.815	6.787	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Premium Unleaded (95 RON) Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	1.176	0.922	-	0.922	2.098	..	..	..	..	628
1998	1.208	0.997	-	0.997	2.205	..	..	..	..	845
1999	1.381	1.128	-	1.128	2.508	..	..	..	..	1117
2000	2.055	1.205	-	1.205	3.260	..	..	..	..	1645
2001	2.402	1.218	-	1.218	3.620	..	..	..	..	1832
2002	2.718	1.202	-	1.202	3.920	..	..	..	..	..
2003	2.559	1.264	-	1.264	3.823	..	..	..	..	1935
2004	3.021	1.384	-	1.384	4.405	..	..	..	..	1686
2005	3.555	1.569	-	1.569	5.120	..	..	..	..	2059
2006	4.395	1.728	-	1.728	6.123	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	5.078	1.815	-	1.815	6.893	..	..	..	..	..
3Q2007	5.212	1.815	-	1.815	7.027	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	x	x	x	x	x	x	x	x	x	x
1998	x	x	x	x	x	x	x	x	x	x
1999	x	x	x	x	x	x	x	x	x	x
2000	x	x	x	x	x	x	x	x	x	x
2001	x	x	x	x	x	x	x	x	x	x
2002	x	x	x	x	x	x	x	x	x	x
2003	x	x	x	x	x	x	x	x	x	x
2004	x	x	x	x	x	x	x	x	x	x
2005	x	x	x	x	x	x	x	x	x	x
2006	x	x	x	x	x	x	x	x	x	x
2007	x	x	x	x	x	x	x	x	x	x
2Q2007	x	x	x	x	x	x	x	x	x	x
3Q2007	x	x	x	x	x	x	x	x	x	x
4Q2007	x	x	x	x	x	x	x	x	x	x
1Q2008	x	x	x	x	x	x	x	x	x	x
2Q2008	x	x	x	x	x	x	x	x	x	x

## SOUTH AFRICA

Table 3 - Average Prices and Taxes in South African Rand

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	66.00	..	..	..	..	36.84
1998	..	..	..	..	90.83	..	..	..	..	41.33
1999	..	..	..	..	96.58	..	..	..	..	42.92
2000	..	..	..	..	98.60	..	..	..	..	45.19
2001	..	..	..	..	115.25	..	..	..	..	50.00
2002	..	..	..	..	..	..	..	..	..	52.34
2003	..	..	..	..	149.09	..	..	..	..	57.41
2004	..	..	..	..	124.00	..	..	..	..	54.90
2005	..	..	..	..	134.00	..	..	..	..	65.72
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	71.17	..	..	..	..	..
1998	..	..	..	..	78.17	..	..	..	..	..
1999	..	..	..	..	75.50	..	..	..	..	..
2000	..	..	..	..	85.96	..	..	..	..	..
2001	..	..	..	..	98.58	..	..	..	..	..
2002	..	..	..	..	117.63	..	..	..	..	..
2003	..	..	..	..	129.00	..	..	..	..	..
2004	..	..	..	..	127.00	..	..	..	..	..
2005	..	..	..	..	122.00	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	0.1078	..	..	..	..	0.2133
1998	..	..	..	..	0.1102	..	..	..	..	0.2274
1999	..	..	..	..	0.1056	..	..	..	..	0.2536
2000	..	..	..	..	0.1194	..	..	..	..	0.2770
2001	..	..	..	..	0.1156	..	..	..	..	0.3090
2002	..	..	..	..	0.1288	..	..	..	..	0.3343
2003	..	..	..	..	0.1416	..	..	..	..	0.3658
2004	..	..	..	..	0.1397	..	..	..	..	0.3870
2005	..	..	..	..	0.1397	..	..	..	..	0.3870
2006	..	..	..	..	0.1475	..	..	..	..	0.4008
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## SOUTH AFRICA

### GENERAL NOTES

#### *Equalisation Fund*

The Equalisation Fund levy is a fixed monetary levy, determined by the Minister of Mineral and Energy Affairs in concurrence with the Minister of Finance.

During 1979 the Republic of South Africa found itself in a situation where it could not obtain crude oil without paying a price differential. It became necessary to establish the Equalisation Fund to manage the collection of levies and financing of the price differential. A levy based on retail sales of petroleum products was imposed from January 1979. The companies marketing these products (so-called Schedule C Companies) collect the levies on behalf of the Equalisation Fund.

The statutory fund is regulated by ministerial directives issued by the minister in concurrence with the Minister of Finance as laid down by the Central Energy Fund Act, No 38 of 1977 as amended. CEF (Proprietary) Limited manages the Equalisation Fund. The Chairman of CEF (Proprietary) Limited, is the accounting officer of the Fund.

In terms of Ministerial Directives the Fund is principally utilised to smooth out fluctuations in the price of liquid fuels (slate payments).

#### *BFP ("Slate" Mechanism)*

The BFP is a function of daily changing spot prices and R/\$ exchange rate movements. The monthly average of the net effect of these changes determines the actual BFP for the applicable month. Other domestic price elements may also change from time to time. The sum total of these changes inevitably influences the pump price.

Petrol prices are adjusted on the first Wednesday of every month. Prices rise and fall in line with movements in the exchange rate and international product prices. The basic price is calculated on the basis of 100% of spot quoted product prices at three refineries in the Arab Gulf, the Mediterranean area and Singapore.

**Source:** Unless specified otherwise, Department of Minerals and Energy.

### OIL PRODUCTS

#### *High Sulphur Fuel Oil*

Prices refer to bulk deliveries for the Coast region.

#### **Specifications**

Density: 0.984 t/kl (average)

NCV: 9 777 kcal/kg

#### *Automotive Diesel*

#### **General Tax (Fuel Tax)**

From	To	ZAR/ litre
01.01.87	31.03.88	0.247
01.04.88	31.08.88	0.180
01.09.88	15.01.89	0.199
16.01.89	30.06.90	0.289
01.07.90	24.03.91	0.314
25.03.91	22.08.91	0.334
23.08.91	20.03.92	0.414
21.03.92	01.04.93	0.474
02.04.93	04.04.95	0.534
05.04.95	02.05.95	0.544
03.05.95	02.04.96	0.554
03.04.96	02.07.96	0.616
03.07.96	04.02.97	0.626
05.02.97	01.04.97	0.636
02.04.97	31.03.98	0.661
01.04.98	04.04.00	0.761
05.04.00	03.04.01	0.791
04.04.01	01.04.03	0.810
02.04.03	06.04.04	0.850
07.04.04	05.04.05	0.950
06.04.05	04.04.06	1.000
05.04.06	03.04.07	1.000
04.04.07	now	1.050

#### **Special Taxes**

#### *Customs and Excise Tax*

From	To	ZAR/ litre
01.01.87	now	0.04



*Equalisation Fund*

From	To	ZAR/ litre
01.07.87	31.03.88	0.057
01.04.88	31.10.88	0.067
01.11.88	16.02.94	0.070
17.02.94	02.04.96	0.080
03.04.96	02.07.96	0.050
03.07.96	04.02.97	0.040
05.02.97	01.04.97	0.030
02.04.97	06.10.98	0.005
07.10.98	31.01.00	0.080
02.02.00	31.12.02	0.000
01.01.03	28.02.03	0.100
01.03.03	now	0.000

*Road Accident Fund (RAF)*

From	To	ZAR/ litre
01.09.88	30.06.90	0.021
01.07.90	31.10.90	0.019
01.11.90	31.03.92	0.022
01.04.92	01.04.93	0.038
02.04.93	06.08.96	0.058
07.08.96	04.11.97	0.068
05.11.97	03.02.98	0.088
04.02.98	03.07.01	0.103
04.07.01	02.04.02	0.165
03.04.02	01.04.03	0.185
02.04.03	06.04.04	0.215
07.04.04	05.04.05	0.265
06.04.05	04.04.06	0.315
05.04.06	03.04.07	0.365
04.04.07	now	0.415

*Central Road Safety Fund (CRSF)*

From	To	ZAR/ litre
01.07.90	02.04.96	0.002
03.04.96	now	0

Prices shown are wholesale prices for the Coast region.

**Specifications**

Density:	0.839 t/kl (average)
Sulphur Content:	3%
NCV:	10 302 kcal/kg

**Gasoline****General Tax (Fuel Tax)**

Leaded 97/98 RON and 93 RON

From	To	ZAR/ litre
01.01.87	31.03.88	0.235
01.04.88	31.08.88	0.225

From	To	ZAR/ litre
01.09.88	15.01.89	0.229
16.01.89	24.03.91	0.310
25.03.91	22.08.91	0.369
23.08.91	20.03.92	0.469
21.03.92	01.04.93	0.549
02.04.93	04.04.95	0.609
05.04.95	02.05.95	0.619
03.05.95	02.04.96	0.629
03.04.96	02.07.96	0.691
03.07.96	06.08.96	0.701
07.08.97	04.02.97	0.716
05.02.97	01.04.97	0.726
02.04.97	31.03.98	0.766
01.04.98	06.04.99	0.866
07.04.99	04.04.00	0.906
05.04.00	03.04.01	0.956
04.04.01	31.03.03	0.980
01.04.03	31.03.04	1.010
01.04.04	31.03.05	1.110
01.04.05	31.03.07	1.160
01.04.07	now	1.210

## Unleaded 95 RON

From	To	ZAR/ litre
03.04.96	02.07.96	0.629
03.07.96	06.08.96	0.639
07.08.96	04.02.97	0.654
05.02.97	01.04.97	0.664
02.04.97	31.03.98	0.704
01.04.98	01.09.98	0.804
02.09.98	now	0

**Special Taxes***Customs and Excise Tax*

## All Grades

From	To	ZAR/ litre
01.01.87	now	0.04

*Equalisation Fund*

## All Grades

From	To	ZAR/ litre
01.01.87	31.03.88	0.057
01.04.88	31.08.88	0.067
01.09.88	16.02.94	0.070
17.02.94	17.06.94	0.130
18.06.94	02.04.96	0.094
03.04.96	02.07.96	0.064
03.07.96	04.02.97	0.054
05.02.97	01.04.97	0.044
02.04.97	06.10.98	0.004

From	To	ZAR/ litre
07.10.98	01.02.00	0.080
02.02.00	now	0

*Road Accident Fund (RAF)*

All Grades

From	To	ZAR/ litre
01.01.87	30.06.90	0.036
01.07.90	11.11.90	0.034
12.11.90	31.03.92	0.040
01.04.92	01.04.93	0.060
02.04.93	06.08.96	0.090
07.08.96	04.11.97	0.105
05.11.97	03.02.98	0.125
04.02.98	03.04.01	0.145
04.04.01	02.04.02	0.165
03.04.02	01.04.03	0.185
02.04.03	06.04.04	0.215
07.04.04	05.04.05	0.265
06.04.05	04.04.06	0.315
05.04.06	03.04.07	0.365
04.04.07	now	0.415

*Central Road Safety Fund (CRSF)*

All Grades

From	To	ZAR/ litre
01.01.87	02.04.96	0.002
03.04.96	now	0

Prices shown refer to the price for the Coast region for Premium Leaded 98 (consumed from 1989 onwards) and 97 RON (consumed prior to 1989) and for Premium Unleaded. Prices for Regular Leaded refer to the Reef region.

**Specifications**

Grade/Octane:	Prem. Leaded 98 RON Regular Leaded 93 RON Premium Unleaded 95 RON
Density:	0.723 t/kl (average)
NCV:	10 730 kcal/kg

**NATURAL GAS****Specifications**

Quality: Sasol Gas Tariff A

**COAL***Steam Coal for Industry*

Price shown is the local coal price sold to industries.

**Specifications**Quality: Bituminous coal  
NCV: 5 804 kcal/kg*Steam Coal for Electricity Generation*

Price shown is weighted average cost of coal consumed by ESKOM for electricity generation.

**Specifications**Quality: Low-grade bituminous coal  
NCV: 4 801 kcal/kg*Steam Coal for Households*

Price shown is the local coal price of bituminous coal sold to merchant/domestic customers.

**ELECTRICITY***Industry*

Prices shown are for direct sales by Eskom to industry.

*Households*

Prices do not include VAT and refer to direct sales by Eskom for domestic use and street lighting.

## THAILAND

Table 1 - Average Prices and Taxes in Thailand Baht

High Sulphur Fuel Oil for Industry (per tonne)						Low Sulphur Fuel Oil for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	6652	..	..	..	..	6803
1999	5378	330	443	773	6151	5896	344	484	828	6724
2000	8241	329	600	929	9170	8643	353	630	983	9626
2001	8350	372	611	983	9333	8828	396	646	1042	9870
2002	8383	380	613	993	9376	8971	398	653	1051	10022
2003	..	..	..	..	10614	..	..	..	..	11247
2004	..	..	..	..	11136	..	..	..	..	11952
2005	..	..	..	..	15588	..	..	..	..	16352
2006	..	..	..	..	17864	..	..	..	..	18710
2007	..	..	..	..	19057	..	..	..	..	19986
2Q2007	..	..	..	..	18284	..	..	..	..	19300
3Q2007	..	..	..	..	19141	..	..	..	..	20140
4Q2007	..	..	..	..	22003	..	..	..	..	22798
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Light Fuel Oil for Industry (per 1000 litres)						Light Fuel Oil for Households (per 1000 litres)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	3320	..	..	..
1998	..	..	..	..	..	8021	3361	336	3697	11718
1999	..	..	..	..	..	7430	3361	837	4198	11628
2000	..	..	..	..	..	10904	3361	999	4360	15264
2001	..	..	..	..	..	11332	3291	1024	4315	15647
2002	..	..	..	..	..	11171	3361	1017	4378	15549
2003	..	..	..	..	..	..	..	..	..	16688
2004	..	..	..	..	..	..	..	..	..	18890
2005	..	..	..	..	..	..	..	..	..	24510
2006	..	..	..	..	..	..	..	..	..	28421
2007	..	..	..	..	..	..	..	..	..	28938
2Q2007	..	..	..	..	..	..	..	..	..	28093
3Q2007	..	..	..	..	..	..	..	..	..	29157
4Q2007	..	..	..	..	..	..	..	..	..	31470
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Automotive Diesel for Commercial Use (per litre)						Automotive Diesel for Non-Commercial Use (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	6.26	2.34	0.88	3.22	9.49	..	..	..	..	..
1998	5.91	2.44	0.84	3.27	9.19	..	..	..	..	..
1999	6.00	2.40	0.65	3.05	9.05	..	..	..	..	..
2000	9.55	2.54	0.84	3.38	12.94	..	..	..	..	..
2001	10.04	2.54	0.88	3.42	13.46	..	..	..	..	..
2002	9.75	2.54	0.86	3.40	13.15	..	..	..	..	..
2003	..	..	..	..	14.04	..	..	..	..	..
2004	..	..	..	..	14.59	..	..	..	..	..
2005	..	..	..	..	20.03	..	..	..	..	..
2006	..	..	..	..	25.59	..	..	..	..	..
2007	..	..	..	..	25.66	..	..	..	..	..
2Q2007	..	..	..	..	25.17	..	..	..	..	..
3Q2007	..	..	..	..	25.88	..	..	..	..	..
4Q2007	..	..	..	..	28.45	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## THAILAND

Table 2 - Average Prices and Taxes in Thailand Baht

Premium Leaded Gasoline (per litre)						Premium Unleaded (97/95RON) Gasoline (per litre)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	3.944	..	..	10.563	6.458	3.021	1.005	4.026	10.484
1998	..	..	..	..	12.590	6.821	3.944	1.098	5.042	11.863
1999	..	..	..	..	..	7.276	4.027	0.877	4.904	12.180
2000	..	..	..	..	..	9.545	4.054	1.020	5.074	14.619
2001	..	..	..	..	..	10.506	4.054	1.019	5.073	15.579
2002	..	..	..	..	..	10.251	4.054	0.987	5.041	15.292
2003	..	..	..	..	..	..	..	..	..	16.617
2004	..	..	..	..	..	..	..	..	..	18.720
2005	..	..	..	..	..	..	..	..	..	23.900
2006	..	..	..	..	..	..	..	..	..	27.579
2007	..	..	..	..	..	..	..	..	..	29.183
2Q2007	..	..	..	..	..	..	..	..	..	29.560
3Q2007	..	..	..	..	..	..	..	..	..	29.257
4Q2007	..	..	..	..	..	..	..	..	..	31.687
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Regular Unleaded (91RON) Gasoline (per litre)						Natural Gas for Industry (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	6.097	3.021	0.975	3.996	10.093	..	..	..	..	..
1998	6.218	3.944	1.039	4.983	11.201	..	..	..	..	3450
1999	6.518	4.027	0.818	4.845	11.363	..	..	..	..	3150
2000	9.646	4.054	0.957	5.011	14.657	..	..	..	..	4600
2001	9.562	4.054	0.953	5.007	14.569	..	..	..	..	5290
2002	9.316	4.054	0.936	4.990	14.306	..	..	..	..	5060
2003	..	..	..	..	15.667	..	..	..	..	5660
2004	..	..	..	..	17.930	..	..	..	..	5320
2005	..	..	..	..	23.100	..	..	..	..	6910
2006	..	..	..	..	26.785	..	..	..	..	8240
2007	..	..	..	..	28.317	..	..	..	..	..
2Q2007	..	..	..	..	28.760	..	..	..	..	..
3Q2007	..	..	..	..	28.457	..	..	..	..	..
4Q2007	..	..	..	..	30.623	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Natural Gas for Electricity Generation (per 10 <sup>7</sup> kilocalories GCV)						Natural Gas for Households (per 10 <sup>7</sup> kilocalories GCV)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

## THAILAND

Table 3 - Average Prices and Taxes in Thailand Baht

Steam Coal for Industry (per tonne)						Steam Coal for Electricity Generation (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	1159	..	..	..	..	..
1998	..	..	..	..	1254	..	..	..	..	..
1999	..	..	..	..	1216	..	..	..	..	..
2000	..	..	..	..	1210	..	..	..	..	..
2001	..	..	..	..	1512	..	..	..	..	..
2002	..	..	..	..	1348	..	..	..	..	..
2003	..	..	..	..	1304	..	..	..	..	..
2004	..	..	..	..	1619	..	..	..	..	..
2005	..	..	..	..	1789	..	..	..	..	..
2006	..	..	..	..	1676	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Steam Coal for Households (per tonne)						Coking Coal for Industry (per tonne)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	..	..	..	..	..	..
1998	..	..	..	..	..	..	..	..	..	..
1999	..	..	..	..	..	..	..	..	..	..
2000	..	..	..	..	..	..	..	..	..	..
2001	..	..	..	..	..	..	..	..	..	..
2002	..	..	..	..	..	..	..	..	..	..
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..
2005	..	..	..	..	..	..	..	..	..	..
2006	..	..	..	..	..	..	..	..	..	..
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..
Electricity for Industry (per kilowatt hour)						Electricity for Households (per kilowatt hour)				
	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price	Ex-Tax Price	Excise Tax	VAT	Total Tax	Total Price
1997	..	..	..	..	1.85	..	..	..	..	2.09
1998	..	..	..	..	2.17	..	..	..	..	2.31
1999	..	..	..	..	2.04	..	..	..	..	2.19
2000	..	..	..	..	2.28	..	..	..	..	2.40
2001	..	..	..	..	2.48	..	..	..	..	2.65
2002	..	..	..	..	2.47	..	..	..	..	2.73
2003	..	..	..	..	2.50	..	..	..	..	2.67
2004	..	..	..	..	2.55	..	..	..	..	2.81
2005	..	..	..	..	2.64	..	..	..	..	2.91
2006	..	..	..	..	2.95	..	..	..	..	3.21
2007	..	..	..	..	..	..	..	..	..	..
2Q2007	..	..	..	..	..	..	..	..	..	..
3Q2007	..	..	..	..	..	..	..	..	..	..
4Q2007	..	..	..	..	..	..	..	..	..	..
1Q2008	..	..	..	..	..	..	..	..	..	..
2Q2008	..	..	..	..	..	..	..	..	..	..

# THAILAND

## OIL PRODUCTS

Where available, prices shown are quarterly averages of weekly retail prices in Bangkok. When not available, prices are the quarterly average of monthly reference prices.

**Excise Tax:** See excise tax column for amount. The excise tax shown consists of the ex-refinery excise and municipal taxes.

### Special Taxes

**Municipal Tax:** The municipal tax is levied at approximately 10% of the excise revenue. Amounts are included with the excise tax.

**Sources:** From 3Q98 onwards, Energy Information Division, Energy Policy and Planning Bureau, Ministry of Energy. Prior to 2Q98, annual prices from *Oil and Thailand*, annual report.

### High Sulphur Fuel Oil

#### Specifications

Quality:	Fuel oil type 2
Viscosity:	1 500
Density:	0.990 t/kl
Sulphur content:	> 2.0%
NCV:	9 405 kcal/l

### Low Sulphur Fuel Oil

#### Specifications

Quality:	Fuel oil type 1
Viscosity:	600
Density:	0.985 t/kl
Sulphur Content:	< 2%
NCV:	9 405 kcal/l

### Light Fuel Oil for Households

#### Specifications

Quality:	Kerosene
Density:	0.84 t/kl
Sulphur Content:	0.2%
NCV:	8 250 kcal/l

### Automotive Diesel Oil for Commercial Use

#### Specifications

Quality:	High Speed Diesel, HSD
Density:	0.87 t/kl
Sulphur Content:	0.05%
NCV:	8 700 kcal/l

### Gasoline

#### Specifications (all grades)

Lead Content:	0.013 g/l
Sulphur Content:	0.1%
Density:	0.72 t/kl
NCV:	0.752 t/kl

## NATURAL GAS

#### Specifications

NCV:	8 617 kcal/m <sup>3</sup>
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**Source:** Ministry of Science, Technology and Environment, Department of Energy Promotion and Development, *Thailand Energy Situation 2004*.

## COAL

### Steam Coal for Industry

Prices refer to the average import price for bituminous, anthracite, coke, briquettes, and other coal. Prior to 1993, prices shown are end-use prices.

**Sources:** From 1994 onwards, Ministry of Science, Technology and Environment, Department of Energy Promotion and Development, published in *Thailand Energy Situation 2004*. Prior to 1993, *Energy Indicators of Developing Member Countries*, Asian Development Bank.

#### Specifications

NCV:	6 242 kcal/kg
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## ELECTRICITY

Prices shown are the average unit price of electricity sold within and outside the MEA (Metropolitan Electricity Authority).

**Source:** Ministry of Science, Technology and Environment, Department of Energy Promotion and Development, *Electric Power in Thailand 2004*.

**B. ENERGY END-USE PRICES,  
IN US DOLLARS**

## GENERAL NOTES ON SOURCES AND METHODS

### EXCHANGE RATES

**Argentina, Barbados, Colombia, Estonia, Grenada, Kazakhstan, Latvia, Lithuania, Panama, Russia, Thailand, Trinidad and Tobago, Venezuela:** Yearly averages of the official rate published in *International Financial Statistics*, International Monetary Fund, Washington D.C., May 2008 edition.

**Cyprus, Malta, Slovenia:** the Euro rate comes from the OECD *Main Economic Indicators*.

**Chile, China, Dominican Republic, Ecuador, El Salvador, Guatemala, Guyana, Haiti, Honduras, Jamaica, Nicaragua, Paraguay, Romania, South Africa:** Yearly averages of the principal exchange rate published in *International Financial Statistics*, International Monetary Fund, Washington D.C., May 2008 edition.

**Chinese Taipei:** From 2002 onwards, inter-bank spot market closing rates, Central Bank of China. Prior to 2002, exchange rates published in the *Economic Outlook*, OECD, Paris.

**Bolivia, Brazil, Costa Rica, India, Indonesia, Peru, Singapore, Suriname, Uruguay:** Yearly averages of the market exchange rate published in *International Financial Statistics*, International Monetary Fund, Washington D.C., May 2008 edition.

### OLADE

The end-use prices for Latin American countries were extracted in November 2007 from the OLADE Energy-Economic Information System of Latin America and the Caribbean (SIEE database), developed in co-operation with the European Commission. This database contains historical information on prices, reserves, energy supply/demand, energy installations, general economic statistics, environmental statistics and indicators for Argentina, Barbados, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Surinam, Trinidad/Tobago, Uruguay and Venezuela. End-use prices in both U.S. dollars and national currencies are given on a monthly basis since

1988 and on an annual basis since 1970. In addition, some forecasted series are also available. For more information see [www.olade.org.ec](http://www.olade.org.ec).

### Oil Products

#### Heavy Fuel Oil

Original prices are in USD/litre. They have been converted to USD/tonne using the following assumed densities:

Argentina	0.98 t/kl
Colombia	0.986 t/kl
Nicaragua	0.987 t/kl
Venezuela	1.034 t/kl
All other countries	0.96 t/kl

*Industry:* Prices refer to the simple average of the domestic monthly reference prices with tax for fuel oil.

#### Light Fuel Oil

*Industry:* Prices refer to the simple average of the domestic monthly reference prices with tax for diesel oil. Diesel oil corresponds to the ASTM's specification fuel oil #2 or gas oil.

*Households:* Prices refer to the simple average of the domestic monthly reference prices with tax for kerosene.

#### Automotive Diesel Oil

Prices refer to the simple average of the domestic monthly reference prices with tax for diesel oil.

#### Premium Unleaded Gasoline

Prices refer to the simple average of the domestic monthly reference prices with tax for premium gasoline.

#### Regular Unleaded Gasoline

Regular unleaded is the most widely consumed gasoline in the region. For some countries, this includes alcohol. Prices refer to the simple average of the domestic monthly reference prices with tax for regular gasoline.

### Natural Gas

Prices were converted from 1000 m<sup>3</sup> into 10<sup>7</sup> kcal using conversion factors provided by OLADE.



*Industry:* Prices refer to the simple average of the domestic monthly reference prices with tax for natural gas for industry.

*Households:* Prices refer to the simple average of the domestic monthly reference prices with tax for natural gas for residential.

## ***Coal***

### **Steam Coal**

*Industry:* Prices refer to the simple average of the domestic monthly reference prices with tax for thermal coal.

### **Coking Coal**

*Industry:* Prices refer to the simple average of the domestic monthly reference prices with tax for coking coal.

## ***Electricity***

*Industry:* Prices refer to the simple average of the domestic monthly reference prices with tax for electricity for industry.

*Households:* Prices refer to the simple average of the domestic monthly reference prices with tax for electricity for residential.

**Table 1**  
**U.S. Dollar Exchange Rates in National Currencies**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	1.682	1.760	1.836	2.123	2.185	2.077	1.733	1.580	1.574	1.563	1.430
China	8.290	8.279	8.278	8.279	8.277	8.277	8.277	8.277	8.193	7.973	7.610
Chinese Taipei	28.70	33.50	32.26	31.08	33.78	34.58	34.42	33.43	32.18	32.53	32.84
Cyprus	0.877	0.883	0.927	1.061	1.098	1.040	0.883	0.798	0.793	0.785	0.732
Estonia	13.88	14.07	14.68	16.97	17.48	16.61	13.86	12.60	12.58	12.47	11.43
India	36.31	41.26	43.06	44.94	47.19	48.61	46.58	45.32	44.10	45.31	41.35
Indonesia	2909	10014	7855	8422	10261	9311	8577	8939	9705	9159	9143
Kazakhstan	75.44	78.30	119.5	142.1	146.7	153.3	149.6	136.0	132.9	126.1	122.6
Latvia	0.581	0.590	0.585	0.607	0.628	0.618	0.571	0.540	0.566	0.561	0.510
Lithuania	4.000	4.000	4.000	4.000	4.000	3.677	3.061	2.780	2.774	2.753	2.520
Malta	0.899	0.905	0.930	1.019	1.048	1.008	0.878	0.800	0.805	0.795	0.736
Romania	0.717	0.888	1.533	2.171	2.906	3.306	3.320	3.264	2.914	2.810	2.440
Russia	5.785	9.705	24.62	28.13	29.17	31.35	30.69	28.81	28.28	27.19	25.58
Singapore	1.490	1.670	1.690	1.720	1.790	1.790	1.740	1.690	1.664	1.590	1.510
Slovenia	0.666	0.693	0.759	0.929	1.013	1.003	0.864	0.803	0.804	0.804	0.730
South Africa	4.608	5.528	6.109	6.940	8.609	10.541	7.565	6.460	6.359	6.770	7.050
Thailand	31.36	41.36	37.81	40.11	44.43	42.96	41.48	40.22	40.22	37.88	34.52

Source: International Monetary Fund. For exceptions, see General Note on Sources and Methods.

**Table 1 (cont.)**  
**U.S. Dollar Exchange Rates in National Currencies**

	2005	2006		2005	2006
Argentina	2.900	3.050	Guyana	199.9	200.2
Barbados	2.000	2.000	Haiti	40.45	40.41
Bolivia	8.070	8.010	Honduras	18.83	18.90
Brazil	2.430	2.180	Jamaica	62.28	65.74
Chile	560.1	530.3	Nicaragua	16.73	17.57
Colombia	2321	2361	Panama	1.000	1.000
Costa Rica	477.8	511.3	Paraguay	6178	5635
Cuba	1.000	1.000	Peru	3.300	3.270
Dominican Republic	30.41	33.36	Suriname	2.730	2.740
Ecuador	25000	25000	Trinidad and Tobago	6.300	6.310
El Salvador	8.750	8.750	Uruguay	24.48	24.07
Grenada	2.700	2.700	Venezuela	2	2
Guatemala	7.630	7.600			

Source: International Monetary Fund. For exceptions, see General Note on Sources and Methods.

**Table 2**  
**Heavy Fuel Oil Prices for Industry in U.S. Dollars/tonne**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	143.77	..	..	..	..	..	..	..	..	..	..
Chinese Taipei*	166.10	135.88	133.04	203.38	203.70	218.45	243.77	258.91	288.40	359.66	434.59
Cyprus	..	..	..	..	..	..	..	..	410.46	495.56	576.24
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	178.06	133.42	143.09	280.96	207.12	233.28	301.25	294.83	329.62	496.11	..
Indonesia	85.22	32.20	46.03	44.47	64.00	160.98	188.91	180.29	..	..	..
Kazakhstan	70.27	67.80	49.85	75.24	73.85	62.49	68.07	98.22	126.32	169.91	171.31
Latvia	..	..	..	..	..	..	..	..	199.11	201.10	223.27
Lithuania	..	..	..	..	..	..	..	..	237.95	300.83	366.66
Malta	..	..	..	..	..	..	..	..	278.73	436.65	454.05
Romania	..	77.96	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	..	..	..	110.07	157.86	234.08	242.20
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia *	..	..	..	..	..	..	..	..	380.77	458.69	494.56
South Africa	172.79	130.85	141.91	203.84	169.73	184.20	238.36	261.42	330.94	..	..
Thailand	..	160.83	162.67	228.61	210.05	218.25	255.86	276.87	387.55	471.57	552.06

Source: IEA.

\*High sulphur fuel oil for all the countries, except for Chinese Taipei and Slovenia which show low sulphur fuel oil.

**Table 2 (cont.)**  
**Heavy Fuel Oil Prices for Industry in U.S. Dollars/tonne**

	2005	2006		2005	2006
Argentina	337.59	468.93	Guyana	305.38	306.29
Barbados	112.83	115.37	Haiti	91.69	101.78
Bolivia	368.75	365.77	Honduras	475.97	484.38
Brazil	227.20	291.72	Jamaica	328.18	387.27
Chile	418.65	492.48	Nicaragua	463.47	491.35
Colombia	246.33	351.14	Panama	342.25	407.14
Costa Rica	294.31	358.37	Paraguay	280.06	351.17
Cuba	200.33	338.74	Peru	275.85	337.62
Dominican Republic	438.57	517.69	Suriname	73.19	76.06
Ecuador	194.24	194.42	Trinidad and Tobago	262.15	282.09
El Salvador	425.62	454.61	Uruguay	377.27	436.59
Grenada	..	..	Venezuela	33.20	33.44
Guatemala	324.57	326.43			

Source: OLADE.

**Table 3**  
**Heavy Fuel Oil Prices for Electricity Generation in U.S. Dollars/tonne**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	166.10	135.88	133.04	..	..	..	..	..	..	..	..
Cyprus	98.18	69.39	89.84	141.31	124.71	135.14	168.92	166.79	230.15	304.55	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	178.06	133.42	143.09	280.96	207.12	233.28	301.25	294.83	329.62	496.11	..
Indonesia	..	..	..	..	..	..	..	..	..	..	..
Kazakhstan	..	..	..	..	..	..	..	..	..	..	..
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	..	..	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	..	..	..	..	..	..	..
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	..	..	..	..	..	..	..	..	..	..	..
Thailand	..	..	..	..	..	..	..	..	..	..	..

Source: IEA.

**Table 4**  
**Light Fuel Oil Prices for Industry in U.S. Dollars/1000 litres**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	222.75	184.63	183.88	263.55	228.77	218.97	239.44	251.68	279.97	347.82	376.36
Cyprus	..	..	..	..	..	..	..	..	780.36	867.61	941.25
Estonia	..	..	..	..	..	..	..	..	523.59	591.83	655.46
India	223.72	202.28	186.99	301.01	348.96	308.47	462.11	459.25	593.87	658.37	..
Indonesia	96.23	27.96	35.64	33.24	28.99	192.24	233.47	246.12	..	..	..
Kazakhstan	152.58	130.54	94.23	139.10	181.16	140.84	140.97	173.05	225.14	378.24	432.07
Latvia	..	..	..	..	..	..	..	..	580.48	648.91	726.06
Lithuania	..	..	..	..	..	..	..	..	504.23	574.36	640.68
Malta	..	..	..	..	..	..	..	..	529.00	736.46	789.29
Romania	..	138.36	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	..	..	..	..	..	..	..
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..	..	..	583.63	638.90	701.85
South Africa	..	..	..	..	..	..	..	..	..	..	..
Thailand	..	..	..	..	..	..	..	..	..	..	..

Source: IEA.

**Table 4 (cont.)**  
**Light Fuel Oil Prices for Industry in U.S. Dollars/1000 litres**

	2005	2006		2005	2006
Argentina	430.1	614.3	Guyana	611.9	612.9
Barbados	350.1	357.4	Haiti	338.2	374.8
Bolivia	462.2	461.6	Honduras	718.2	764.6
Brazil	698.6	829.3	Jamaica	647.9	745.7
Chile	713.8	838.1	Nicaragua	716.7	772.3
Colombia	435.8	502.6	Panama	554.8	631.2
Costa Rica	610.6	670.4	Paraguay	618.7	738.8
Cuba	354.3	500.0	Peru	754.5	853.6
Dominican Republic	682.3	773.6	Suriname	421.9	437.8
Ecuador	237.9	237.9	Trinidad and Tobago	246.3	264.6
El Salvador	606.9	714.7	Uruguay	788.3	914.4
Grenada	407.3	407.3	Venezuela	25.0	25.0
Guatemala	626.7	693.8			

Source: OLADE.

**Table 5**  
**Light Fuel Oil Prices for Households in U.S. Dollars/1000 litres**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	x	x	x	x	x	x	x	x	x	x	x
Cyprus	..	..	..	..	..	..	..	..	897.41	997.75	1082.44
Estonia	..	..	..	..	..	..	..	..	617.84	698.36	773.45
India	177.70	161.78	162.66	230.30	160.43	185.32	198.80	204.33	210.23	199.70	..
Indonesia	96.24	28.16	35.65	35.33	36.41	133.44	210.96	201.37	213.30	..	..
Kazakhstan	155.84	166.01	126.85	199.30	200.05	149.89	181.51	262.35	363.27	421.18	480.59
Latvia	..	..	..	..	..	..	..	..	684.97	765.71	856.75
Lithuania	..	..	..	..	..	..	..	..	594.99	677.75	756.01
Malta	..	..	..	..	..	..	..	..	529.00	736.46	789.29
Romania	..	..	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	..	..	..	..	..	..	..
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..	..	..	700.35	766.68	842.22
South Africa	..	..	..	..	..	..	..	..	..	..	..
Thailand	..	283.32	307.51	380.54	352.16	361.94	402.28	469.67	609.37	750.23	838.31

Source: IEA.

**Table 5 (cont.)**  
**Kerosene Prices for Households in U.S. Dollars/1000 litres**

	2005	2006		2005	2006
Argentina	492.7	485.4	Guyana	520.7	521.5
Barbados	319.1	325.8	Haiti	305.2	338.3
Bolivia	341.5	337.5	Honduras	629.7	612.9
Brazil	441.2	527.5	Jamaica	617.2	704.8
Chile	705.0	833.3	Nicaragua	730.2	805.1
Colombia	679.2	833.6	Panama	589.2	648.4
Costa Rica	662.9	753.1	Paraguay	430.1	479.4
Cuba	84.5	84.5	Peru	746.1	929.9
Dominican Republic	705.8	801.2	Suriname	371.2	385.2
Ecuador	237.9	238.0	Trinidad and Tobago	247.7	266.1
El Salvador	568.2	714.5	Uruguay	752.7	815.1
Grenada	299.8	299.8	Venezuela	40.8	40.8
Guatemala	665.7	668.6			

Source: OLADE.

**Table 6**  
**Automotive Diesel Oil Prices for Commercial Use in U.S. Dollars/litre**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	0.261	0.242	0.252	0.330	0.299	0.302	0.335	0.402	0.483	0.576	0.621
Chinese Taipei	0.452	0.377	0.380	0.447	0.410	0.398	0.443	0.503	0.604	0.704	0.762
Cyprus	..	..	..	..	..	..	..	..	0.903	0.980	1.070
Estonia	..	..	..	..	..	..	..	..	0.846	0.924	1.006
India	0.289	0.275	0.289	0.396	0.438	0.434	0.599	0.605	0.744	0.829	..
Indonesia	0.124	0.045	0.064	0.061	0.063	0.138	0.192	0.185	..	..	..
Kazakhstan	..	..	..	..	..	..	..	..	..	..	..
Latvia	..	..	..	..	..	..	..	..	0.840	0.916	1.046
Lithuania	..	..	..	..	..	..	..	..	0.869	0.944	1.019
Malta	..	..	..	..	..	..	..	..	0.924	1.049	1.092
Romania	..	0.278	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	0.201	0.172	0.231	..	..	..	..
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..	..	..	0.945	0.998	1.110
South Africa	0.396	0.324	0.334	0.404	0.363	0.331	0.432	0.570	0.737	0.841	..
Thailand	0.302	0.222	0.239	0.322	0.303	0.306	0.339	0.363	0.498	0.675	0.743

Source: IEA.

**Table 6 (cont.)**  
**Automotive Diesel Oil Prices for Commercial Use in U.S. Dollars/litre**

	2005	2006		2005	2006
Argentina	0.430	0.614	Guyana	0.612	0.613
Barbados	0.350	0.357	Haiti	0.338	0.375
Bolivia	0.462	0.462	Honduras	0.718	0.765
Brazil	0.699	0.829	Jamaica	0.648	0.746
Chile	0.714	0.838	Nicaragua	0.717	0.772
Colombia	0.436	0.503	Panama	0.555	0.631
Costa Rica	0.611	0.670	Paraguay	0.619	0.739
Cuba	0.354	0.500	Peru	0.754	0.854
Dominican Republic	0.682	0.774	Suriname	0.422	0.438
Ecuador	0.238	0.238	Trinidad and Tobago	0.246	0.265
El Salvador	0.607	0.715	Uruguay	0.788	0.914
Grenada	0.407	0.407	Venezuela	0.025	0.025
Guatemala	0.627	0.694			

Source: OLADE.

**Table 7**  
**Automotive Diesel Oil Prices for Non-Commercial Use in U.S. Dollars/litre**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	0.318	0.317	0.350	0.389	0.447	0.556	0.640
Chinese Taipei	0.410	0.341	0.342	0.408	0.379	0.380	0.429	0.492	0.589	0.684	0.728
Cyprus	..	..	..	..	..	..	..	..	1.038	1.126	1.230
Estonia	..	..	..	..	..	..	..	..	0.998	1.090	1.187
India	..	..	..	..	..	..	..	..	..	..	..
Indonesia	0.131	0.049	0.070	0.067	0.072	0.145	0.192	0.185	0.264	..	..
Kazakhstan	..	..	..	..	..	..	..	..	..	..	..
Latvia	..	..	..	..	..	..	..	..	0.992	1.082	1.234
Lithuania	..	..	..	..	..	..	..	..	1.025	1.113	1.202
Malta	..	..	..	..	..	..	..	..	1.091	1.238	1.288
Romania	0.314	0.360	0.347	0.390	0.455	0.481	0.568	0.756	1.041	1.171	1.291
Russia	..	0.239	0.142	0.206	0.254	..	..	..	0.496	0.617	0.674
Singapore	..	..	..	0.333	0.311	0.306	0.347	0.435	0.567	0.684	0.744
Slovenia	..	..	..	..	..	..	..	..	1.134	1.197	1.331
South Africa	..	..	..	..	..	..	..	..	..	..	..
Thailand	..	..	..	..	..	..	..	..	..	..	..

Source: IEA.

**Table 7 (cont.)**  
**Automotive Diesel Oil Prices for Non-Commercial Use in U.S. Dollars/litre**

	2005	2006		2005	2006
Argentina	0.430	0.614	Guyana	0.612	0.613
Barbados	0.350	0.357	Haiti	0.338	0.375
Bolivia	0.462	0.462	Honduras	0.718	0.765
Brazil	0.699	0.829	Jamaica	0.648	0.746
Chile	0.714	0.838	Nicaragua	0.717	0.772
Colombia	0.436	0.503	Panama	0.555	0.631
Costa Rica	0.611	0.670	Paraguay	0.619	0.739
Cuba	0.354	0.500	Peru	0.754	0.854
Dominican Republic	0.682	0.774	Suriname	0.422	0.438
Ecuador	0.238	0.238	Trinidad and Tobago	0.246	0.265
El Salvador	0.607	0.715	Uruguay	0.788	0.914
Grenada	0.407	0.407	Venezuela	0.025	0.025
Guatemala	0.627	0.694			

Source: OLADE.



**Table 8**  
**Premium Leaded Gasoline Prices in U.S. Dollars/litre**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	0.242	0.240	0.240	0.317	0.316	0.313	..	..	..	..	..
Chinese Taipei	0.631	0.528	0.528	x	x	x	x	x	x	x	x
Cyprus	0.682	0.677	0.652	0.629	0.625	0.687	0.743	0.837	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	..	..	..	..	..	..	..	..	..	..	..
Indonesia	0.241	0.090	0.127	0.123	0.126	0.180	0.211	0.202	0.291	0.491	..
Kazakhstan	..	..	..	..	..	..	..	..	..	..	..
Latvia	..	..	..	..	..	..	..	..	1.027	1.137	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	1.232	1.462	..
Romania	0.385	0.470	0.532	0.526	0.524	0.626	0.757	0.869	1.122	1.228	1.520
Russia	0.346	0.247	0.188	0.247	x	x	x	x	x	x	x
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	0.462	0.410	0.446	0.499	0.430	0.376	0.512	0.672	0.805	0.869	..
Thailand	0.337	0.304	..	..	..	..	..	..	..	..	..

Source: IEA.

**Table 9**  
**Regular Leaded Gasoline Prices in U.S. Dollars/litre**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	..	..	..	..	x	x	x	x	x	x	x
Cyprus	0.651	0.646	0.623	0.598	0.602	0.663	..	..	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	0.690	0.634	0.655	0.648	0.674	0.662	0.626	..	..	..	..
Indonesia	..	..	..	..	..	..	..	..	..	..	..
Kazakhstan	0.330	0.332	0.264	0.279	0.279	0.236	0.274	0.357	0.410	0.490	0.573
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	0.345	0.425	0.502	0.481	..	..	..	..	..	..	..
Russia	0.122	0.086	0.087	0.126	x	x	x	x	x	x	x
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	0.467	0.410	0.420	0.478	0.433	0.382	..	..	..	..	..
Thailand	..	..	..	0.355	..	..	..	..	..	..	..

Source: IEA.

**Table 10**  
**Premium Unleaded Gasoline Prices in U.S. Dollars/litre**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	0.310	0.311	0.349	..	..	..	0.437	0.489	..	..
Chinese Taipei	0.624	0.522	0.573	0.609	0.564	0.540	0.591	0.669	0.752	0.828	0.862
Cyprus	0.682	0.677	0.645	0.598	0.596	0.657	0.686	0.837	1.067	1.171	1.292
Estonia	..	..	..	..	..	..	..	..	0.990	1.086	1.203
India	..	..	..	..	..	..	..	..	..	..	..
Indonesia	..	..	..	..	..	..	0.268	0.277	0.467	0.626	..
Kazakhstan	..	..	..	..	..	..	..	..	..	..	..
Latvia	..	..	..	..	..	..	..	..	1.001	1.087	1.250
Lithuania	..	..	..	..	..	..	..	..	1.030	1.130	1.233
Malta	..	..	..	..	..	..	..	..	1.174	1.391	1.413
Romania	0.371	0.456	0.531	0.516	0.522	0.612	0.732	0.833	1.111	1.192	1.348
Russia	0.372	0.250	0.206	0.263	0.214	0.223	0.286	..	0.540	0.652	0.741
Singapore	..	..	..	0.814	0.752	0.686	0.724	0.834	0.906	1.007	1.104
Slovenia	..	..	..	..	..	..	..	..	1.141	1.239	1.410
South Africa	0.455	0.399	0.411	0.470	0.420	0.372	0.505	0.682	0.805	0.904	..
Thailand	0.334	0.287	0.322	0.364	0.351	0.356	0.401	0.465	0.594	0.728	0.845

Source: IEA.

**Table 10 (cont.)**  
**Premium Unleaded Gasoline Prices in U.S. Dollar/litre**

	2005	2006		2005	2006
Argentina	0.636	0.473	Guyana	0.690	0.691
Barbados	0.704	0.719	Haiti	0.543	0.602
Bolivia	0.595	0.594	Honduras	0.886	0.946
Brazil	..	..	Jamaica	0.729	0.844
Chile	0.991	1.153	Nicaragua	0.810	0.932
Colombia	0.820	0.899	Panama	0.664	0.784
Costa Rica	0.863	0.987	Paraguay	0.882	1.102
Cuba	0.500	0.550	Peru	1.027	1.256
Dominican Republic	0.979	1.085	Suriname	0.575	0.596
Ecuador	0.444	0.444	Trinidad and Tobago	0.495	0.532
El Salvador	0.720	0.864	Uruguay	1.229	1.329
Grenada	0.536	0.536	Venezuela	0.051	0.051
Guatemala	0.804	0.887			

Source: OLADE.

**Table 11**  
**Regular Unleaded Gasoline Prices in U.S. Dollars/litre**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	0.322	0.321	0.351	0.390	0.450	0.558	0.605
Chinese Taipei	0.589	0.492	0.491	0.569	0.532	0.510	0.571	0.650	0.730	0.807	0.845
Cyprus	..	..	..	..	..	..	..	..	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	..	..	..	..	0.672	0.633	0.828	0.857	0.980	1.085	..
Indonesia	0.290	0.130	..	..	0.161	0.176	0.211	0.202	..	..	..
Kazakhstan	..	..	..	..	..	..	..	..	..	..	..
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	..	..	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	0.180	0.164	0.232	..	0.464	0.556	0.625
Singapore	..	..	..	0.759	0.712	0.644	0.665	0.776	0.853	0.944	1.034
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	0.454	0.398	0.403	0.460	..	..	..	..	..	..	..
Thailand	0.322	0.271	0.300	0.365	0.328	0.333	0.378	0.446	0.574	0.707	0.820

Source: IEA.

**Table 11 (cont.)**  
**Regular Unleaded Gasoline Prices in U.S. Dollars/litre**

	2005	2006		2005	2006
Argentina	0.582	0.425	Guyana	0.707	0.708
Barbados	0.703	0.718	Haiti	0.498	0.552
Bolivia	0.465	0.426	Honduras	0.857	0.856
Brazil	0.964	1.173	Jamaica	0.681	0.797
Chile	0.971	1.113	Nicaragua	0.780	0.881
Colombia	0.612	0.661	Panama	0.632	0.735
Costa Rica	0.818	0.939	Paraguay	0.668	0.819
Cuba	0.400	0.450	Peru	0.806	0.913
Dominican Republic	0.887	0.983	Suriname	0.573	0.595
Ecuador	0.346	0.346	Trinidad and Tobago	0.446	0.479
El Salvador	0.687	0.819	Uruguay	1.165	1.272
Grenada	0.536	0.536	Venezuela	0.032	0.032
Guatemala	0.763	0.846			

Source: OLADE.

**Table 12**  
**Natural Gas Prices for Industry in U.S. Dollars/10<sup>7</sup> kcal (GCV basis)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	22.57	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	307.46	264.54	248.30	297.81	288.63	271.60	302.10	336.83	387.25	413.76	475.57
Cyprus	..	..	..	..	..	..	..	..	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	..	..	..	..	..	..	..	..	..	..	..
Indonesia	63.42	31.80	35.87	44.90	..	..	..	..	..	..	..
Kazakhstan	44.34	40.18	28.57	30.61	34.26	30.85	34.38	45.27	47.57	62.42	67.22
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	..	64.92	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	..	..	..	43.72	53.53	62.15	76.69
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	136.38	152.86	182.89	237.06	212.85	..	255.79	260.99	323.81	..	..
Thailand	..	83.42	83.30	114.68	119.06	117.78	136.44	132.27	171.80	217.51	..

Source: IEA.

**Table 12 (cont.)**  
**Natural Gas Prices for Industry in U.S. Dollars/10<sup>7</sup> kcal (GCV basis)**

	2005	2006		2005	2006
Argentina	50.17	66.62	Guyana	..	..
Barbados	823.30	840.54	Haiti	..	..
Bolivia	72.80	73.35	Honduras	..	..
Brazil	468.19	494.46	Jamaica	..	..
Chile	298.08	424.99	Nicaragua	..	..
Colombia	293.00	311.68	Panama	..	..
Costa Rica	..	..	Paraguay	..	..
Cuba	132.53	132.53	Peru	174.17	199.68
Dominican Republic	..	..	Suriname	..	..
Ecuador	..	..	Trinidad and Tobago	93.75	101.30
El Salvador	..	..	Uruguay	..	..
Grenada	..	..	Venezuela	15.52	17.57
Guatemala	..	..			

Source: OLADE.

**Table 13**  
**Natural Gas Prices for Electricity Generation in U.S. Dollars/10<sup>7</sup> kcal (GCV basis)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	255.23	218.90	201.67	246.17	244.70	252.10	258.57	281.03	326.23	348.51	400.77
Cyprus	..	..	..	..	..	..	..	..	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	..	..	..	..	..	..	..	..	..	..	..
Indonesia	..	..	..	..	..	..	..	..	..	..	..
Kazakhstan	..	..	..	..	..	..	..	..	..	..	..
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	..	..	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	20.02	23.74	31.59	..	..	..	..
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	X	X	X	X	X	X	X	X	X	X	X
Thailand	..	..	..	..	..	..	..	..	..	..	..

Source: IEA.

**Table 14**  
**Natural Gas Prices for Households in U.S. Dollars/10<sup>7</sup> kcal (GCV basis)**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	431.18	372.21	354.59	397.68	372.53	253.15	278.62	310.31	360.14	385.72	435.65
Cyprus	..	..	..	..	..	..	..	..	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	..	..	..	..	..	..	..	..	..	..	..
Indonesia	42.28	12.28	15.66	14.61	..	..	..	..	..	..	..
Kazakhstan	51.06	58.78	49.73	44.92	46.80	48.58	52.29	55.76	58.30	66.71	73.64
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	30.25	41.02	52.44	60.08	76.93	106.28	127.68	179.91	..	..	..
Russia	..	..	..	8.99	10.85	12.83	17.67	22.62	..	..	..
Singapore	..	..	..	..	..	..	..	..	..	..	..
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	x	x	x	x	x	x	x	x	x	x	x
Thailand	..	..	..	..	..	..	..	..	..	..	..

Source: IEA.

**Table 14 (cont.)**  
**Natural Gas Prices for Households in U.S. Dollars/10<sup>7</sup> kcal (GCV basis)**

	2005	2006		2005	2006
Argentina	79.76	105.91	Guyana	..	..
Barbados	905.70	924.66	Haiti	..	..
Bolivia	234.69	236.44	Honduras	..	..
Brazil	468.19	494.46	Jamaica	..	..
Chile	818.71	1030.60	Nicaragua	..	..
Colombia	285.65	300.21	Panama	..	..
Costa Rica	..	..	Paraguay	..	..
Cuba	216.87	216.87	Peru	337.83	387.32
Dominican Republic	..	..	Suriname	..	..
Ecuador	..	..	Trinidad and Tobago	..	..
El Salvador	..	..	Uruguay	..	..
Grenada	..	..	Venezuela	51.45	58.24
Guatemala	..	..			

Source: OLADE.

**Table 15**  
**Steam Coal Prices for Industry in U.S. Dollars/tonne**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	28.72	29.69	28.69	27.28	27.15	30.40	32.14	43.17	..	..	..
Chinese Taipei	80.31	68.81	71.45	74.16	..	..	..	..	..	..	..
Cyprus	..	..	..	..	..	..	..	..	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	22.24	24.03	24.02	24.38	25.25	28.57	30.56	33.58	36.67	35.70	39.32
Indonesia	35.33	12.16	16.39	..	..	..	..	..	..	..	..
Kazakhstan	12.38	13.33	9.01	7.72	8.83	7.97	6.80	8.45	8.97	10.65	11.20
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	..	23.34	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	..	..	..	25.14	27.92	31.81	36.77
Singapore	x	x	x	x	x	x	x	x	x	x	x
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	14.32	16.43	15.81	14.21	13.39	..	19.71	19.20	21.07	..	..
Thailand	36.96	30.31	32.16	30.16	34.03	31.38	31.44	40.26	44.48	44.24	..

Source: IEA.

**Table 15 (cont.)**  
**Steam Coal Prices for Industry in U.S. Dollars/tonne**

	2005	2006		2005	2006
Argentina	31.75	..	Guyana	..	..
Barbados	..	..	Haiti	..	..
Bolivia	..	..	Honduras	..	..
Brazil	39.79	44.79	Jamaica	63.66	69.94
Chile	57.58	77.43	Nicaragua	..	..
Colombia	30.39	27.73	Panama	..	..
Costa Rica	82.36	92.81	Paraguay	..	..
Cuba	80.45	80.45	Peru	31.62	39.03
Dominican Republic	..	..	Suriname	..	..
Ecuador	..	..	Trinidad and Tobago	..	..
El Salvador	..	..	Uruguay	..	..
Grenada	..	..	Venezuela	..	..
Guatemala	..	..			

Source: OLADE.

**Table 16**  
**Steam Coal Prices for Electricity Generation in U.S. Dollars/tonne**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	108.92	93.04	96.37	100.03	..	..	..	..	..	..	..
Cyprus	..	..	..	..	..	..	..	..	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	18.11	15.94	16.22	16.49	17.11	16.61	17.74	19.54	21.34	20.77	22.92
Indonesia	21.52	10.87	17.91	18.26	..	23.60	26.91	..	..	..	..
Kazakhstan	..	..	..	..	..	..	..	..	..	..	..
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	..	..	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	..	..	..	..	..	..	..
Singapore	x	x	x	x	x	x	x	x	x	x	x
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	7.99	7.48	7.02	6.51	5.81	4.97	7.59	8.50	10.34	..	..
Thailand	..	..	..	..	..	..	..	..	..	..	..

Source: IEA.



**Table 17**  
**Coking Coal Prices for Industry in U.S. Dollars/tonne**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	50.97	40.45	38.06	37.24	..	38.38	41.28	52.20	61.72	..	..
Chinese Taipei	x	x	x	x	x	x	x	x	x	x	x
Cyprus	..	..	..	..	..	..	..	..	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	40.82	37.46	38.24	38.23	39.61	38.45	42.58	53.35	64.62	62.90	69.25
Indonesia	..	..	..	..	..	..	..	..	..	..	..
Kazakhstan	48.33	46.64	17.18	14.19	14.07	7.84	10.10	13.78	17.91	21.57	22.48
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	..	57.29	..	..	..	..	..	..	..	..	..
Russia	..	..	..	..	..	..	..	71.00	92.58	79.84	101.32
Singapore	x	x	x	x	x	x	x	x	x	x	x
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	..	..	..	..	..	..	..	..	..	..	..
Thailand	..	..	..	..	..	..	..	..	..	..	..

Source: IEA.

**Table 17 (cont.)**  
**Coking Coal Prices for Industry in U.S. Dollars/tonne**

	2005	2006		2005	2006
Argentina	31.75	37.24	Guyana	..	..
Barbados	..	..	Haiti	..	..
Bolivia	..	..	Honduras	..	..
Brazil	87.74	106.77	Jamaica	..	..
Chile	51.32	69.02	Nicaragua	..	..
Colombia	30.71	33.84	Panama	60.82	66.83
Costa Rica	..	..	Paraguay	..	..
Cuba	..	..	Peru	..	..
Dominican Republic	..	..	Suriname	..	..
Ecuador	..	..	Trinidad and Tobago	..	..
El Salvador	..	..	Uruguay	..	..
Grenada	..	..	Venezuela	0.74	0.83
Guatemala	..	..			

Source: OLADE.

**Table 18**  
**Electricity Prices for Industry in U.S. Dollars/kWh**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	0.069	0.058	0.058	0.061	0.056	0.053	0.053	0.055	0.057	0.058	0.059
Cyprus	0.083	0.072	0.074	0.087	0.079	0.082	0.104	0.107	0.125	0.145	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	0.089	0.082	0.081	0.080	..	..	..	..	..	..	..
Indonesia	0.051	0.020	0.027	0.036	0.035	0.048	0.062	0.063	0.059	..	..
Kazakhstan	0.023	0.030	0.018	0.013	0.014	0.014	0.015	0.018	0.020	0.024	0.033
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	0.046	0.045	0.037	0.044	0.042	0.053	0.067	0.071	0.095	..	..
Russia	..	..	..	..	0.021	0.024	0.029	0.030	0.032	0.036	0.038
Singapore	..	..	..	..	..	0.067	0.070	0.074	0.080	0.096	0.112
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	0.023	0.020	0.017	0.017	0.013	0.012	0.019	0.022	0.022	0.022	..
Thailand	0.059	0.052	0.054	0.057	0.056	0.057	0.060	0.063	0.066	0.078	..

Source: IEA.

**Table 18 (cont.)**  
**Electricity Prices for Industry in U.S. Dollars/kWh**

	2005	2006		2005	2006
Argentina	0.047	0.068	Guyana	0.233	0.233
Barbados	0.210	0.224	Haiti	0.090	0.102
Bolivia	0.048	0.047	Honduras	0.099	0.104
Brazil	0.077	0.122	Jamaica	0.153	0.188
Chile	0.078	0.090	Nicaragua	0.132	0.165
Colombia	0.090	0.090	Panama	0.102	0.104
Costa Rica	0.071	0.074	Paraguay	0.038	0.041
Cuba	0.082	0.087	Peru	0.069	0.070
Dominican Republic	0.138	0.004	Suriname	0.133	0.134
Ecuador	0.096	..	Trinidad and Tobago	0.028	0.028
El Salvador	0.124	0.141	Uruguay	0.058	0.065
Grenada	0.188	0.188	Venezuela	0.032	0.032
Guatemala	0.111	0.112			

Source: OLADE.

**Table 19**  
**Electricity Prices for Households in U.S. Dollars/kWh**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Bulgaria	..	..	..	..	..	..	..	..	..	..	..
China	0.046	..	..	..	..	..	..	..	..	..	..
Chinese Taipei	0.089	0.077	0.079	0.081	0.075	0.071	0.074	0.076	0.079	0.079	0.079
Cyprus	..	..	..	..	..	..	..	..	..	..	..
Estonia	..	..	..	..	..	..	..	..	..	..	..
India	0.032	0.029	0.029	0.033	0.035	0.035	0.040	..	0.047	..	..
Indonesia	0.056	0.018	0.025	0.025	0.025	0.042	0.061	0.062	0.058	..	..
Kazakhstan	0.038	0.047	0.031	0.027	0.026	0.025	0.026	0.030	0.031	0.036	0.043
Latvia	..	..	..	..	..	..	..	..	..	..	..
Lithuania	..	..	..	..	..	..	..	..	..	..	..
Malta	..	..	..	..	..	..	..	..	..	..	..
Romania	0.023	0.032	0.041	0.052	0.050	0.062	0.073	0.091	0.114	..	..
Russia	..	..	..	..	..	..	..	..	..	..	..
Singapore	..	..	..	..	..	0.090	0.096	0.099	0.111	0.139	0.143
Slovenia	..	..	..	..	..	..	..	..	..	..	..
South Africa	0.046	0.041	0.042	0.040	0.036	0.032	0.048	0.060	0.061	0.059	..
Thailand	0.066	0.056	0.058	0.060	0.060	0.063	0.064	0.070	0.072	0.085	..

Source: IEA.

**Table 19 (cont.)**  
**Electricity Prices for Households in U.S. Dollars/kWh**

	2005	2006		2005	2006
Argentina	0.067	0.099	Guyana	0.215	0.216
Barbados	0.201	0.214	Haiti	0.064	0.072
Bolivia	0.066	0.067	Honduras	0.075	0.078
Brazil	0.138	0.190	Jamaica	0.213	0.252
Chile	0.124	0.136	Nicaragua	0.138	0.168
Colombia	0.099	0.098	Panama	0.125	0.127
Costa Rica	0.068	0.075	Paraguay	0.062	0.061
Cuba	0.138	0.211	Peru	0.129	0.126
Dominican Republic	0.190	0.006	Suriname	0.176	0.183
Ecuador	0.125	..	Trinidad and Tobago	0.036	0.036
El Salvador	0.119	0.151	Uruguay	0.141	0.157
Grenada	0.221	0.221	Venezuela	0.045	0.045
Guatemala	0.117	0.118			

Source: OLADE.

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