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EUROPEAN UNION

**ENERGY & TRANSPORT
IN FIGURES
2006**

Part 2 : ENERGY

European Commission

**Directorate-General for
Energy and Transport**

in co-operation with **Eurostat**

Glossary

Conventional thermal power:

Technology for the production of electricity by combustion. May or may not include also biomass use, which is also considered a renewable source of electricity

Energy Dependency:

Energy dependency shows the extent to which a country relies upon imports in order to meet its energy needs. It is calculated using the following formula:

net imports / (gross inland consumption+bunkers).

Energy Intensity:

Energy intensity gives an indication of the effectiveness with which energy is being used to produce added value. It is defined as the ratio of Gross Inland Consumption of energy to Gross Domestic Product.

Final Energy Consumption (FEC):

Final energy consumption is the energy finally consumed in the transport, industrial, commercial, agricultural, public and household sectors. It excludes deliveries to the energy transformation sector and to the energy industries themselves.

Gross Calorific Value (GCV):

The gross calorific value is the total amount of heat released by a unit quantity of fuel, when it is burned completely with oxygen, and when the products of combustion are returned to ambient temperature. This quantity includes the heat of condensation of any water vapour contained in the fuel and of the water vapour formed by the combustion of any hydrogen contained in the fuel.

Gross Inland Consumption (GIC):

Gross inland consumption is the quantity of energy consumed within the borders of a country. It is calculated using the following formula: primary production + recovered products + imports + stock changes - exports - bunkers (i.e. quantities supplied to sea-going ships)

Net Calorific Value (NCV):

The net calorific value is the amount of heat released by a unit quantity of fuel, when it is burned completely with oxygen, and when the products of combustion are returned to ambient temperature. This quantity does not include the heat of condensation of any water vapour contained in the fuel nor of the water vapour formed by the combustion of any hydrogen contained in the fuel.

Primary Energy Production:

Primary energy production is the extraction of energy from a natural source. The precise definition depends on the fuel involved:

Solid fuels: Hard coal, lignite

Quantities of fuels extracted or produced, calculated after any operation for removal of inert matter. In general, production includes the quantities consumed by the producer during the production process (e.g. for heating or operation of equipment and auxiliaries) as well as any quantities supplied to other on-site producers of energy for transformation or other uses.

2.1.1

2.1.1

Crude oil:

Quantities of fuels extracted or produced within national boundaries, including off-shore production. Production includes only marketable production, and excludes any quantities returned to formation. Production includes all crude oil, natural gas liquids (NGL), condensates and oil from shale and tar sands, etc.

Natural gas:

Quantities of dry gas, measured after purification and extraction of natural gas liquids and sulphur. The production includes only marketable production, and excludes any quantities re-injected, vented and flared, and any extraction losses. The production includes all quantities used within the natural gas industry, in gas extraction, pipeline systems and processing plants.

Nuclear heat:

Quantities of heat produced in a reactor. Production is the actual heat produced or the heat calculated on the basis of the gross electricity generated and the thermal efficiency of the nuclear plant.

Hydropower, Wind energy, Solar photovoltaic energy:

Quantities of electricity generated. Production is calculated on the basis of the gross electricity generated and a conversion factor of 3600 kJ/kWh.

Geothermal energy:

Quantities of heat extracted from geothermal fluids. Production is calculated on the basis of the difference between the enthalpy of the fluid produced in the production borehole and that of the fluid disposed of via the re-injection borehole.

Biomass / Wastes:

In the case of municipal solid wastes (MSW), wood, wood wastes and other solid wastes, production is the heat produced after combustion and corresponds to the heat content (NCV) of the fuel. In the case of anaerobic digestion of wet wastes, production is the heat content (NCV) of the biogases produced. The production includes all quantities of gas consumed in the installation for the fermentation processes, and excludes all quantities of flared gases. In the case of biofuels, the production is the heat content (NCV) of the fuel. In the case of biofuels, the production is the heat content (NCV) of the fuel.

Pumping, pumped storage

Method for storing electrical energy at hydroelectric installations by pumping water between reservoirs at different altitudes

Renewable Energy Sources (RES):

Renewable energy includes hydroelectricity, biomass, wind, solar, tidal and geothermal energy.

Tonne of oil equivalent (toe)

The tonne of oil equivalent is a conventional standardised unit for measuring energy, defined on the basis of a tonne of oil with a net calorific value of 41 868 kilojoules/kg.

1ktoe = 1000 toe

1 Mtoe = 1000 000 toe

2.1.2

2.1.2

Average Calorific Values, Energy Content

		kJ (NCV)	kgoe (NCV)
Hard coal	1 kg	17 200 - 30 700	0.411 - 0.733
Recovered hard coal	1 kg	13 800 - 28 300	0.330 - 0.676
Patent fuels	1 kg	26 800 - 31 400	0.640 - 0.750
Hard coke	1 kg	28 500	0.681
Brown coal	1 kg	5 600 - 10 500	0.134 - 0.251
Black lignite	1 kg	10 500 - 21 000	0.251 - 0.502
Peat	1 kg	7 800 - 13 800	0.186 - 0.330
Brown coal briquettes	1 kg	20 000	0.478
Tar	1 kg	37 700	0.900
Benzol	1 kg	39 500	0.943
Oil equivalent	1 kg	41 868	1
Crude oil	1 kg	41 600 - 42 800	0.994 - 1.022
Feedstocks	1 kg	42 500	1.015
Refinery gas	1 kg	50 000	1.194
LPG	1 kg	46 000	1.099
Motor spirit	1 kg	44 000	1.051
Kerosenes, jet fuels	1 kg	43 000	1.027
Naphtha	1 kg	44 000	1.051
Gas diesel oil	1 kg	42 300	1.010
Residual fuel oil	1 kg	40 000	0.955
White spirit	1 kg	44 000	1.051
Lubricants	1 kg	42 300	1.010
Bitumen	1 kg	37 700	0.900
Petroleum cokes	1 kg	31 400	0.750
Other petro. products	1 kg	30 000	0.717
Electrical energy	1 kWh	3 600	0.086

Conversion Factors

Energy

To :		TJ	Gcal	Mtoe	GWh
From :		multiply by			
TJ		1	238.8	2.388×10^{-5}	0.2778
Gcal		4.1868×10^{-3}	1	1×10^{-7}	1.163×10^{-3}
Mtoe		4.1868×10^4	1×10^7	1	11630
GWh		3.6	860	8.6×10^{-5}	1

Volume

To :		Barrel	Litre	U.S. gallon	U.K. gallon
From :		multiply by			
Barrel		1	158.99	42	34.9723
Litre		0.6290×10^{-2}	1	0.2642	0.2200
U.S. gallon		0.2381×10^{-1}	3.7854	1	0.8327
U.K. gallon		0.2859×10^{-1}	4.5461	1.2009	1

Mass

To :		Tonne	Long ton	Short ton
From :		multiply by		
Tonne (t)		1	0.9842	1.1023
Long ton (lt) U.K.		1.0160	1	1.1200
Short ton (st) U.S.		0.9072	0.8929	1

Decimal prefixes

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

2.1.4

2.1.4

Methodology for the calculation of EU-wide average fuel prices

All available price data has been used in the calculation of EU-wide fuel price averages. The overall EU price is an average of the prices in the individual countries weighted by their consumption.

Electricity

The prices are as of January 1st in the year shown. Prices are collected at a variety of locations in each country.

The reference consumer used for domestic prices corresponds to a standard dwelling of 100 m² with 4-5 rooms plus kitchen with an annual consumption of 7500 kWh.

For industrial prices, the standard consumer's annual consumption is 24000MWh.

The average price in each country is calculated as the median of the prices in the various locations. These country average prices are weighted by their final consumption (Domestic or Industry) to have the EU-wide price average.

The domestic prices shown here are the final selling prices while industrial prices are shown less VAT.

Gas

The same methodology is used for gas prices, but the standard used for domestic consumers corresponds to an annual consumption of 16.74 GJ while for industrial consumers this annual consumption is 418000 GJ.

Petroleum Products

Heating gasoil, low sulphur fuel oil, unleaded petrol and automotive diesel prices are supplied to Energy and Transport DG by the Member States as those being the most frequently encountered for the specific categories of sales. The prices given are as of January 15th in each year.

The heating gasoil prices given are for deliveries of between 2000 and 5000 litres while those for low sulphur fuel oil are for monthly deliveries of less than 2000 tonnes or annual deliveries of less than 24000 tonnes. The average pump prices are given for motor fuels.

The EU average prices are calculated by weighting the prices from each country by the corresponding final energy consumption.

Part 2 : ENERGY

Chapter 2.2

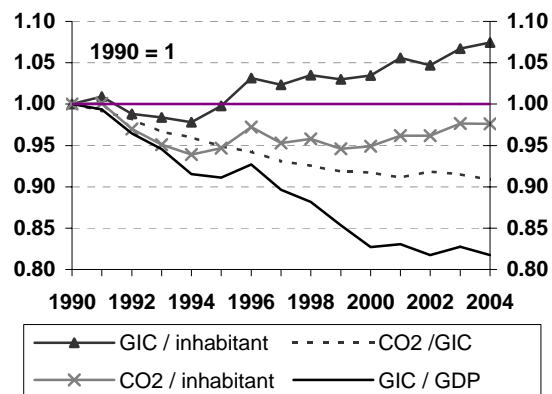
Overview and Security of Supply

2.2.1

2.2.1

Indicators (EU-25 aggregated)

	Energy Intensity (toe/Meuro) (*)	Carbon Intensity (tonne CO ₂ /toe)	GIC per capita (kgoe/inh.)	CO ₂ emissions per capita (kg/inhab.)
1990	220.0	2.43	3535	8600
1991	218.5	2.41	3567	8607
1992	212.1	2.39	3493	8343
1993	208.0	2.35	3478	8179
1994	201.4	2.34	3458	8075
1995	200.4	2.31	3527	8143
1996	203.9	2.29	3647	8361
1997	197.2	2.27	3618	8195
1998	194.0	2.25	3659	8238
1999	187.7	2.23	3641	8136
2000	181.9	2.23	3658	8163
2001	182.7	2.22	3732	8272
2002	179.8	2.23	3701	8272
2003	182.0	2.23	3772	8398
2004	179.8	2.21	3798	8396



Source: Eurostat GIC = gross inland consumption

Definition :

carbon intensity = CO₂ emissions / gross inland consumption

energy intensity

= gross inland consumption of energy / gross domestic product

* Note: For GDP at 2000 market prices

2.2.2

2.2.2

Gross Inland Consumption 2004 (Mtoe)

	All fuels	Solid fuels	Oil	Natural gas	Nuclear	Renewables	Other*
EU25	1747.2	311.9	650.6	417.6	254.4	109.5	3.2
	100.0%	17.9%	37.2%	23.9%	14.6%	6.3%	0.2%
BE	54.8	6.1	20.1	14.6	12.2	1.2	0.7
CZ	43.6	19.5	9.4	7.8	6.8	1.4	-1.3
DK	20.0	4.4	8.3	4.6		2.9	-0.2
DE	347.7	85.8	125.4	78.7	43.1	13.8	1.0
EE	5.6	3.3	1.1	0.8		0.6	-0.2
EL	30.6	9.1	17.5	2.2		1.6	0.2
ES	140.2	21.1	68.9	25.2	16.4	9.0	-0.3
FR	273.7	14.1	92.8	39.2	115.6	17.3	-5.3
IE	15.7	2.3	9.3	3.6		0.3	0.1
IT	184.8	16.6	85.0	66.0		12.5	4.7
CY	2.5	0.0	2.4			0.1	
LV	4.6	0.1	1.4	1.3		1.6	0.2
LT	9.2	0.2	2.6	2.4	3.9	0.7	-0.6
LU	4.7	0.1	3.0	1.2		0.1	0.3
HU	26.2	3.4	6.3	11.7	3.1	1.0	0.7
MT	0.9		0.9				
NL	82.3	9.2	31.6	36.7	1.0	2.4	1.4
AT	32.7	4.0	13.8	7.6		6.8	0.6
PL	92.5	54.6	22.0	11.9		4.3	-0.3
PT	26.2	3.4	15.0	3.3		3.9	0.6
SI	7.1	1.5	2.5	0.9	1.4	0.8	-0.1
SK	18.6	4.5	3.6	5.5	4.4	0.7	-0.1
FI	37.7	7.5	10.9	4.0	5.9	8.8	0.6
SE	53.1	2.9	15.4	0.9	20.0	14.1	-0.2
UK	232.1	38.3	81.5	87.4	20.6	3.7	0.6

Source: Eurostat

* Electrical Energy and Industrial Waste

2.2.2

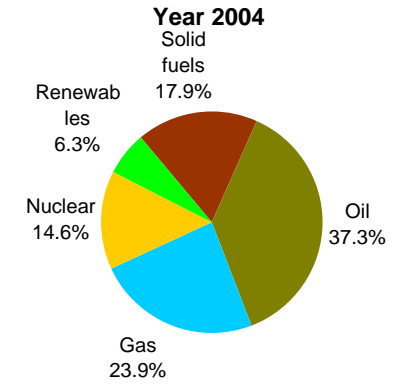
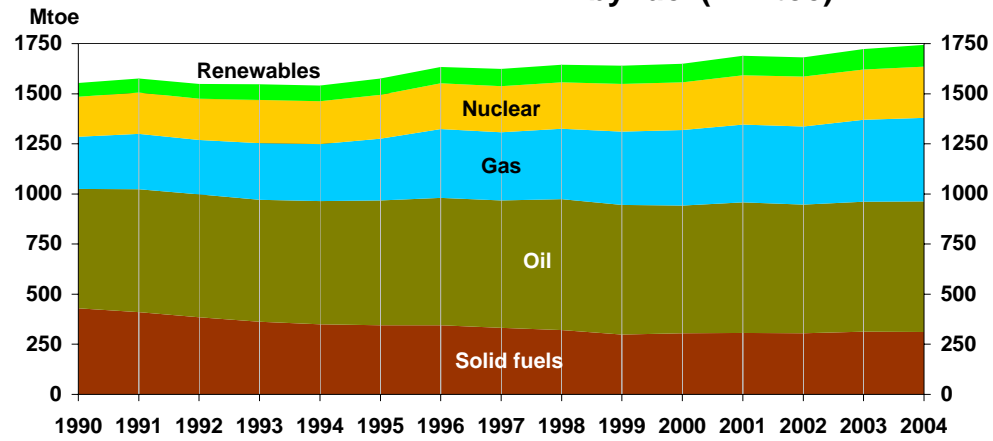
2.2.2

Gross Inland Consumption
2004, Renewables in ktoe

	Renewables	Biomass	Hydro	Wind	Solar	Geothermal
EU25	109 539 100.0%	72 274 66.0%	26 128 23.9%	5 033 4.6%	743 0.7%	5 360 4.9%
BE	1 161	1 119	27	11	3	1
CZ	1 363	1 188	174	1	-	-
DK	2 926	2 346	2	566	9	2
DE	13 755	9 367	1 812	2 173	269	134
EE	607	604	2	1	-	-
EL	1 560	953	402	96	108	1
ES	8 977	4 853	2 713	1 341	62	8
FR	17 304	11 927	5 179	49	19	130
IE	325	214	54	56	0	0
IT	12 528	3 791	3 671	159	19	4 888
CY	97	5	-	-	92	-
LV	1 649	1 377	267	4	-	-
LT	734	698	36	-	-	-
LU	73	59	9	3	1	-
HU	965	860	18	-	2	86
MT	-	-	-	-	-	-
NL	2 364	2 175	8	161	20	-
AT	6 766	3 450	3 132	79	86	19
PL	4 325	4 126	179	12	-	8
PT	3 894	2 877	849	70	21	78
SI	822	470	352	-	-	-
SK	737	379	353	-	-	5
FI	8 805	7 498	1 296	10	1	-
SE	14 131	8 883	5 170	73	5	-
UK	3 671	3 055	424	166	25	1

Source: Eurostat

**Gross Inland Consumption - EU25
by fuel (in Mtoe)**



2.2.2

2.2.2

2.2.3

2.2.3

Import Dependency 2004 (in %)

	All fuels	Solid fuels	Oil	Gas
EU25	50.5	38.2	80.2	54.5
BE	78.9	101.4	99.8	99.9
CZ	25.3	-17.2	93.6	91.1
DK	-47.9	101.4	-116.8	-79.7
DE	61.3	32.3	94.8	83.7
EE	28.5	6.2	73.8	100.0
EL	72.7	5.1	104.8	97.5
ES	77.4	67.2	99.4	97.8
FR	50.5	94.4	98.3	96.2
IE	86.5	78.2	93.4	81.2
IT	84.5	101.1	93.3	83.8
CY	94.6	70.7	98.8	-
LV	63.5	94.0	99.2	130.5
LT	48.0	91.4	94.2	100.0
LU	98.2	100.0	99.6	100.0
HU	60.8	32.9	76.8	79.2
MT	100.0	-	100.0	-
NL	30.7	98.7	95.5	-67.7
AT	70.8	95.1	95.0	78.8
PL	14.7	-26.8	94.0	68.3
PT	83.6	95.2	97.8	100.0
SI	52.1	21.8	101.6	99.5
SK	67.6	83.2	91.9	103.3
FI	54.4	73.3	96.0	100.0
SE	36.5	85.3	97.8	100.0
UK	5.2	59.0	-15.3	1.7

Source: Eurostat

Definition: Import Dependency =

Net Imports / (Bunkers+Gross Inland Consumption)

Note:

A simplified formula, not taking bunkers into account, is used occasionally. This variant gives higher values for import dependency by overlooking maritime transport.

Negative numbers indicate that the country is a net exporter.

Values over 100 % are possible due to changes in stocks

Crude Oil Imports EU-25 (in Mio tonnes)								Gas Imports EU-25 (in Mio cubic metres)							
Origin	2000	2001	2002	2003	2004	2005	Share 2005(%)	Origin	2000	2001	2002	2003	2004	2005	Share 2005(%)
Former USSR	118.0	134.6	156.2	174.3	196.1	199.6	36.4	Russia	107213	103853	101762	108515	108655	106839	36.7
Norway	114.9	107.2	101.8	104.6	106.9	90.1	16.4	Norway	48715	52565	64342	67280	68523	71285	24.5
Saudi Arabia	65.1	57.5	53.1	61.5	64.5	61.0	11.1	Algeria	54644	48363	52551	53126	50395	55620	19.1
Libya	45.5	43.8	39.1	45.9	50.0	50.5	9.2	non spec. origin	6808	8575	13604	17914	22609	29580	10.1
Iran	35.5	31.4	25.9	34.7	35.9	34.5	6.3	Nigeria	4283	5369	5507	7884	10117	10741	3.7
Middle East not spec.	13.1	18.7	20.2	12.3	9.1	9.0	1.6	Qatar	293	646	2070	1893	3770	4606	1.6
Other origin	127.4	122.4	111.2	94.8	86.4	103.9	18.9	Other origins	2906	3206	3171	2681	6640	12773	4.4
Total Imports	519.5	515.5	507.6	528.1	548.8	548.5	100.0	Total Imports	224862	222577	243007	259293	270709	291444	100.0
in Million barrels	3792	3763	3706	3855	4007	4004									

Source: Organisation for Economic Co-operation and Development NOTE: EU25 - Cyprus, Estonia, Latvia Lithuania, Slovenia and Malta data not available

**Imports of Hard Coal
into the EU-25
(in kilotonnes)**

Hard Coal Total																	
Origin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2005%
Total extra EU25	125674	137532	138604	116050	111664	124297	126597	130326	135323	133313	151390	174329	164896	175921	193201	193560	100.0
South Africa	24590	25525	27979	26713	27804	32132	32251	34024	39209	38001	41515	48389	53654	56882	54052	51602	26.7
Australia	18515	21457	22634	19768	21138	19024	15881	18412	22728	26259	28374	29152	28792	30364	30175	26861	13.9
Colombia	9119	11678	12154	12041	11439	11179	17866	20957	20712	19915	22313	22491	21385	22882	24133	24159	12.5
Russian Fed.	2114	2695	6993	7768	6941	6703	5800	6087	5453	8864	12259	18900	18597	22998	36288	44531	23.0
United States	46752	54061	48278	33407	28617	39648	38716	34180	28741	19814	19395	19761	13850	11943	14631	14367	7.4
Indonesia	241	715	2385	1938	3069	2615	3405	5057	6870	7170	8664	9870	11020	12498	13425	14246	7.4
Other	24343	21401	18181	14415	12656	12996	12678	11609	11610	13290	18870	25766	17598	18354	20497	17794	9.2
Coking Coal																	
Origin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2005%
Total extra EU25	44688	44247	43271	41238	38386	39421	41083	41145	44190	40652	43423	42681	37799	36008	40644	41079	100.0
Australia	8725	10206	10474	11270	11561	11591	11609	12040	13274	15110	18965	19258	19043	18269	19811	19434	47.3
United States	26422	26696	25633	21896	19602	19302	20571	19806	20734	15832	14750	12086	9401	9428	10919	12008	29.2
Canada	2761	2801	2435	1868	3033	3961	4315	4581	4839	5504	6225	6557	5182	5098	4102	5560	13.5
Venezuela	0	0	56	783	1058	990	1192	559	389	68	418	325	1117	1109	969	873	2.1
China	1	5	0	0	0	17	119	766	117	29	2	183	531	162	1951	178	0.4
Other	6779	4539	4673	5421	3132	3560	3277	3393	4837	4109	3063	4272	2525	1942	2892	3026	7.4
Steam Coal																	
Origin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2005%
Total extra EU25	80983	93280	95333	74812	73278	84876	85513	89181	91133	92650	107967	131648	127097	139913	152557	152481	100.0
South Africa	24432	25348	27781	26489	27478	31926	31818	33679	38269	37320	41127	47254	53203	56495	53619	51307	33.6
Colombia	9095	11674	12030	11605	11274	11100	17803	20820	20592	19700	22173	22392	21299	22527	23858	23976	15.7
Russian Fed.	32	1145	6252	7217	6168	6177	4902	3971	2905	6639	10191	17308	16989	22055	35004	42505	27.9
Indonesia	195	715	2378	1797	2771	2401	3170	4367	5748	6197	8223	9114	11020	12377	13425	14246	9.3
Australia	9790	11251	12160	8498	9577	7433	4272	6372	9454	11149	9409	9894	9749	12095	10364	7427	4.9
Other including	37439	43147	34732	19206	16010	25839	23548	19972	14165	11645	16844	25686	14837	14364	16287	13020	8.5
Non-Specified																	

Hard Coal: coal with GCV > 5700kcal/kg

Coking coal: coal for the production of coke

Steam coal: coal for steam raising and space heating not included under coking coal

Source: Organisation for Economic Co-operation and Development NOTE: EU25 - Cyprus, Estonia, Latvia Lithuania, Slovenia and Malta data not available

2.2.6

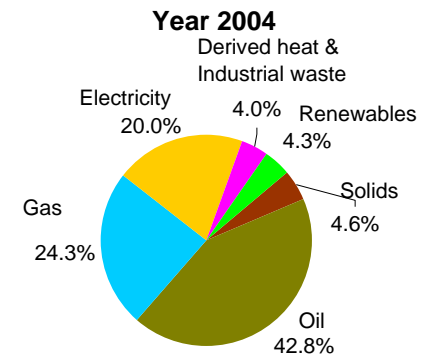
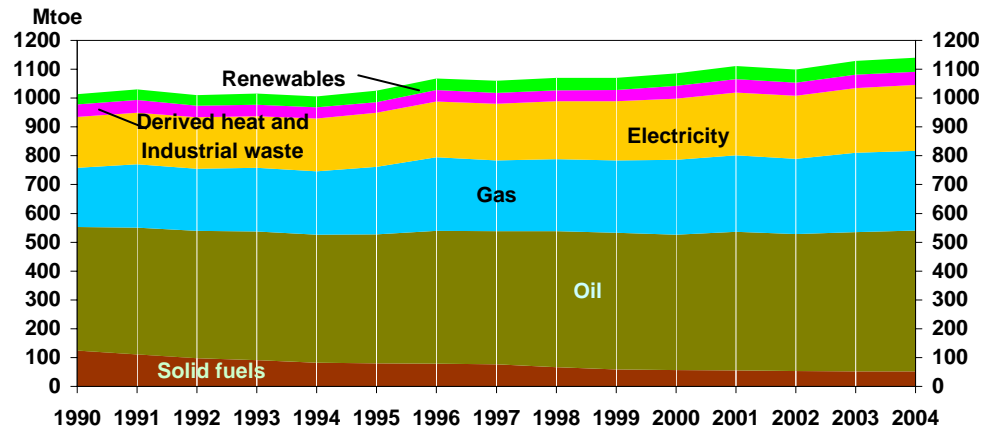
2.2.6

Final Energy Consumption by fuel 2004 (Mtoe)

	All fuels	Solid fuels	Oil	Gas	Electricity	Derived heat & Industrial waste	Renewables
EU25	1140.9	52.3	488.1	276.9	227.9	46.7	49.0
	100.0%	4.6%	42.8%	24.3%	20.0%	4.1%	4.3%
BE	37.4	2.3	16.6	10.6	6.9	0.5	0.5
CZ	25.8	4.3	6.7	6.6	4.6	2.7	0.8
DK	15.2	0.3	7.2	1.7	2.8	2.5	0.7
DE	229.9	10.6	90.5	63.0	44.1	15.8	5.9
EE	2.7	0.1	0.9	0.2	0.5	0.5	0.5
EL	20.2	0.6	13.9	0.5	4.3	0.0	1.0
ES	94.3	1.9	52.1	16.8	19.8	-	3.8
FR	157.9	4.8	74.0	33.4	35.8	-	9.9
IE	11.5	0.5	7.5	1.3	2.0	-	0.2
IT	131.2	4.1	59.0	40.7	25.4	-	2.0
CY	1.8	0.0	1.4	-	0.3	-	0.1
LV	3.9	0.1	1.2	0.5	0.5	0.6	1.1
LT	4.3	0.2	1.5	0.5	0.7	0.9	0.6
LU	4.4	0.1	3.0	0.7	0.5	0.1	0.0
HU	17.4	0.7	4.5	7.5	2.7	1.2	0.7
MT	0.5	-	0.3	-	0.2	-	-
NL	52.5	1.6	17.4	21.7	8.9	2.6	0.4
AT	25.6	0.5	11.4	4.9	4.8	1.5	2.5
PL	56.9	11.3	17.3	8.3	8.6	7.5	3.9
PT	20.1	0.1	12.2	1.3	3.8	0.3	2.5
SI	4.8	0.1	2.3	0.7	1.1	0.2	0.4
SK	10.0	1.5	2.0	3.1	2.1	1.0	0.3
FI	26.5	1.0	8.2	1.3	7.1	3.6	5.3
SE	34.0	1.2	11.6	0.7	11.2	4.1	5.1
UK	152.0	4.7	65.2	51.0	29.2	1.3	0.7

Source: Eurostat

Final Energy Consumption - EU25 by fuel (in Mtoe)



2.2.6

2.2.6

2.2.7

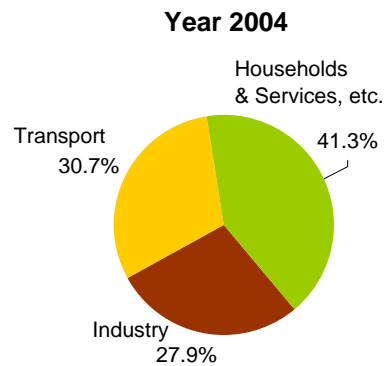
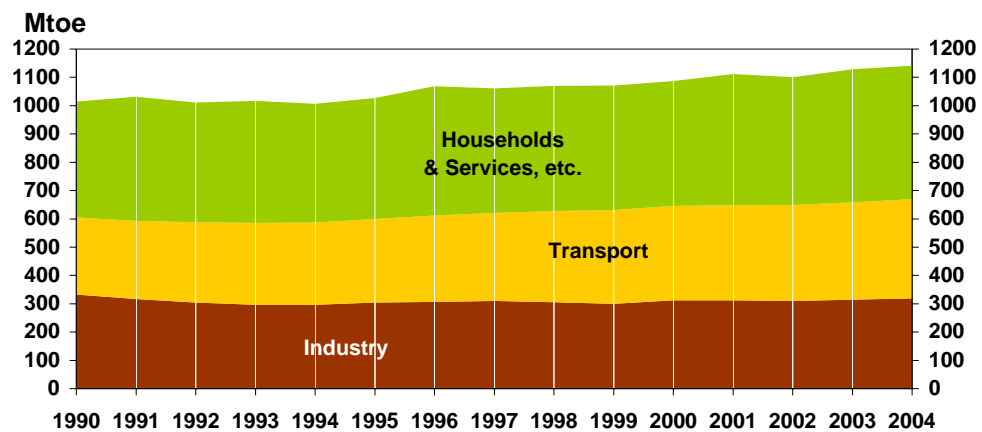
2.2.7

Final Energy Consumption by sector 2004 (Mtoe)

	All sectors	- Industry	- Households, Services, etc.	Households	Services, etc.	- Transport	Road	Railways	Air	Inland navigation
EU25	1140.9	318.9	471.7	299.7	172.1	350.3	289.7	8.6	47.0	5.0
Share	100.0%	27.9%	41.3%			30.7%				
BE	37.4	12.4	14.8	10.0	4.8	10.2	8.5	0.2	1.4	0.1
CZ	25.8	9.8	9.8	5.8	3.9	6.2	5.5	0.3	0.3	0.0
DK	15.2	2.9	7.1	4.3	2.8	5.1	4.0	0.1	0.9	0.1
DE	229.9	58.4	109.0	77.0	31.9	62.6	53.2	1.9	7.3	0.2
EE	2.7	0.6	1.7	1.2	0.5	0.5	0.4	0.0	0.0	0.0
EL	20.2	4.0	8.2	5.4	2.9	8.0	6.0	0.1	1.2	0.7
ES	94.3	30.7	25.3	14.4	10.9	38.4	30.8	1.0	5.0	1.5
FR	157.9	35.9	71.9	41.9	30.0	50.1	42.3	1.3	6.3	0.3
IE	11.5	2.1	4.8	2.9	1.9	4.6	3.8	0.0	0.7	0.0
IT	131.2	41.2	46.0	30.1	16.0	43.9	39.1	0.9	3.7	0.2
CY	1.8	0.5	0.4	0.3	0.2	0.9	0.6	0.0	0.3	-
LV	3.9	0.7	2.2	1.4	0.7	1.0	0.8	0.1	0.0	
LT	4.3	0.9	2.0	1.4	0.7	1.3	1.2	0.1	0.0	0.0
LU	4.4	1.0	0.8	0.6	0.1	2.6	2.2	0.0	0.4	-
HU	17.4	3.4	10.1	6.0	4.1	3.9	3.5	0.2	0.2	0.0
MT	0.5	0.0	0.1	0.1	0.1	0.3	0.2	-	0.1	-
NL	52.5	14.8	22.6	10.4	12.2	15.0	11.0	0.2	3.6	0.3
AT	25.6	7.6	10.2	6.8	3.4	7.7	6.8	0.3	0.6	0.0
PL	56.9	17.7	27.9	17.4	10.5	11.3	10.5	0.5	0.3	0.0
PT	20.1	7.2	5.6	3.0	2.6	7.3	6.3	0.1	0.8	0.0
SI	4.8	1.5	1.9	1.2	0.6	1.4	1.3	0.0	0.0	-
SK	10.0	4.2	4.3	2.7	1.6	1.6	1.5	0.1	0.0	-
FI	26.5	13.2	8.6	5.0	3.6	4.7	3.9	0.1	0.6	0.2
SE	34.0	13.2	12.5	7.1	5.4	8.2	7.0	0.3	0.8	0.1
UK	152.0	34.6	64.0	43.3	20.6	53.5	39.3	0.9	12.2	1.1

Source: Eurostat

Final Energy Consumption - EU25 by sector (Mtoe)

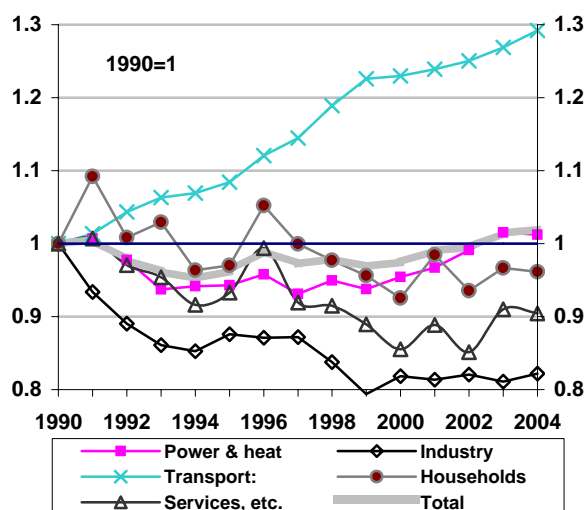


2.2.7

2.2.7

CO₂ Emissions by Sector (EU25, Million tonnes CO₂)

	Total	Power & Heat Generation *	Industry	Households	Services, etc.	Transport:	of which			
							- Road	- Air	- Inland Navigation	- Rail
1990	3790	1493	728	489	289	790	672	85	20	12
1991	3810	1504	680	534	291	801	683	86	21	11
1992	3706	1460	648	493	281	824	703	88	22	11
1993	3646	1400	627	503	276	840	715	92	22	11
1994	3608	1406	621	471	265	845	717	96	22	10
1995	3647	1408	638	474	270	857	726	100	21	10
1996	3752	1431	634	514	287	885	749	105	22	10
1997	3684	1391	635	489	266	904	763	110	20	10
1998	3710	1418	610	478	265	939	789	120	20	10
1999	3671	1400	578	467	257	968	812	128	19	9
2000	3692	1425	596	452	247	972	812	134	16	9
2001	3754	1444	593	481	257	979	825	130	15	9
2002	3770	1481	598	457	246	988	836	129	15	8
2003	3845	1517	591	472	263	1002	844	133	17	8
2004	3863	1512	599	470	262	1021	859	139	15	8



Source: Eurostat

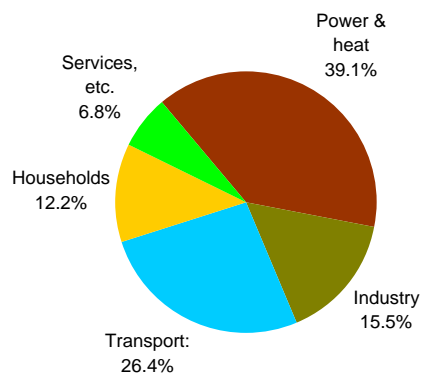
* Note: Includes "own use" by power and heat generation sector

2.2.8

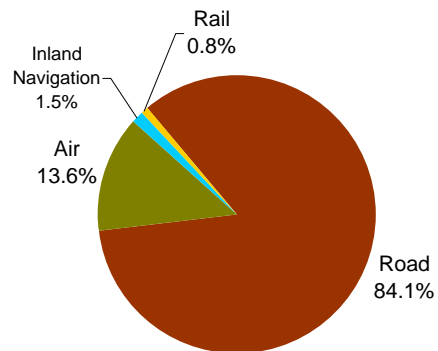
2.2.8

CO₂ Emissions by Sector (EU25)

Year 2004



Year 2004 Transport



Source: Eurostat

Part 2 : ENERGY

Chapter 2.3

Taxation and Market Opening

2.3.1

2.3.1

Taxation of Energy Products

	Excises in € per 1000 litres			VAT rates		
	Euro Super 95	automotive gas oil	heating gas oil **	standard rate	electricity **	natural gas
BE	592	342	18	21%	21%	21%
CZ	400	336	336	19%	19%	19%
DK	508	404	364	25%	25%	25%
DE	670	486	61	16%	16%	16%
EE	288	245	44	18%	18%	18%
EL	313	260	260	19%	19%	19%
ES	396	294	85	16%	16%	16%
FR	589	417	57	20%	20%	20%
IE	443	368	47	21.0%	13.5%	13.5%
IT	564	413	403	20%	20%	20%
CY	305	250	197	15%	15%	15%
LV	276	236	20	18%	18%	18%
LT	287	245	21	18%	18%	18%
LU	442	278	0	15%	6%	6%
HU	413	339	339	20%	20%	15%
MT	474	332	97	18%	19%	18%
NL	668	365	47	19%	19%	19%
AT	417	297	98	20%	20%	20%
PL	356	290	59	22%	22%	22%
PT	558	339	91	21%	5%	5%
SI	360	303	53	20%	20%	20%
SK	398	373	175	19%	19%	19%
FI	588	346	71	22%	22%	22%
SE	366	394	361	25%	25%	25%
UK	738	782	95	17.5%	5.0%	5.0%
EU min*	359	302	21	15%	5%	5%

Source: Commission services (July 2006)

* Council Directives 2003/96/EC for excises, 2001/41/EC for VAT

** Non-business use

Electricity Market Opening

	Market opening 2005	Unbundling transmission*	Unbundling distribution**
BE	90%	Legal	Legal
CZ	74%	Ownership	Accounts
DK	100%	Ownership	Legal
DE	100%	Legal	Accounts
EE	12%	Legal	Legal
EL	62%	Legal	
ES	100%	Ownership	Legal
FR	70%	Legal	Management
IE	100%	Legal	Management
IT	79%	Ownership	Legal
CY	35%		
LV	76%	Legal	Accounts
LT	74%	Ownership	Legal
LU	84%	Legal	Management
HU	67%	Ownership	Accounts
MT	0%		
NL	100%	Ownership	Legal
AT	100%	Legal	Legal
PL	80%	Legal	Accounts
PT	100%	Ownership	Accounts
SI	77%	Ownership	Accounts
SK	79%	Legal	Management
FI	100%	Ownership	Accounts
SE	100%	Ownership	Legal
UK	100%	Ownership	Legal

Source: * DGTREN "Commission communication on progress in creating the internal gas and electricity market, COM (2005) 568 and technical annex, SEC(2005) 1445"

**Commission staff working document Technical Annexes to the Report from the Commission on the Implementation of the Gas and Electricity Internal Market (COM(2004)863 final)

Note:

Directive 2003/54/EC of 26 June 2003, requires opening to all non-household customers by July 2004, and to all customers by July 2007.

Unbundling: see article 19 of Directive 2003/54/EC

2.3.3

2.3.3

Gas Market Opening

	Market opening 2005	Unbundling transmission*	Unbundling distribution**
BE	90%	Legal	Legal
CZ	65%		
DK	100%	Ownership	Legal
DE	100%	Partly Legal	Accounts
EE	95%		Accounts
EL			
ES	100%	Legal	Legal
FR	70%	Legal	Accounts
IE	86%		Management
IT	100%	Legal	Legal
CY			
LV			Accounts
LT	90%		Accounts
LU	80%		Management
HU	66%	Legal	Accounts
MT			
NL	100%	Ownership	Legal
AT	100%	Legal	Legal
PL	72%	Legal	Accounts
PT			
SI	91%	Legal	Accounts
SK	72%		Management
FI	90%		Accounts
SE	95%	Ownership	Legal
UK	100%	Ownership	Ownership

Source: * DGTREN "Commission communication on progress in creating the internal gas and electricity market, COM (2005) 568 and technical annex, SEC(2005) 1445"

**Commission staff working document Technical Annexes to the Report from the Commission on the Implementation of the Gas and Electricity Internal Market {COM(2004)863 final}

Note :

Directive 2003/55/EC of 26 June 2003, requires opening to all non-household customers by July 2004, and to all customers by July 2007.

Unbundling: see article 17 of Directive 2003/55/EC

Part 2 : ENERGY

Chapter 2.4

Electricity

2.4.1

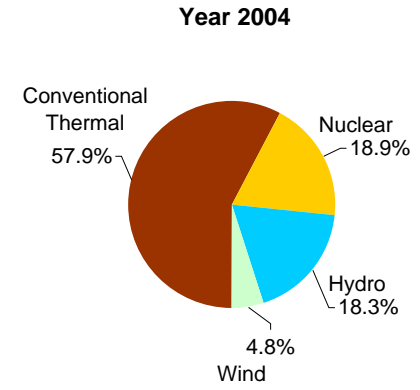
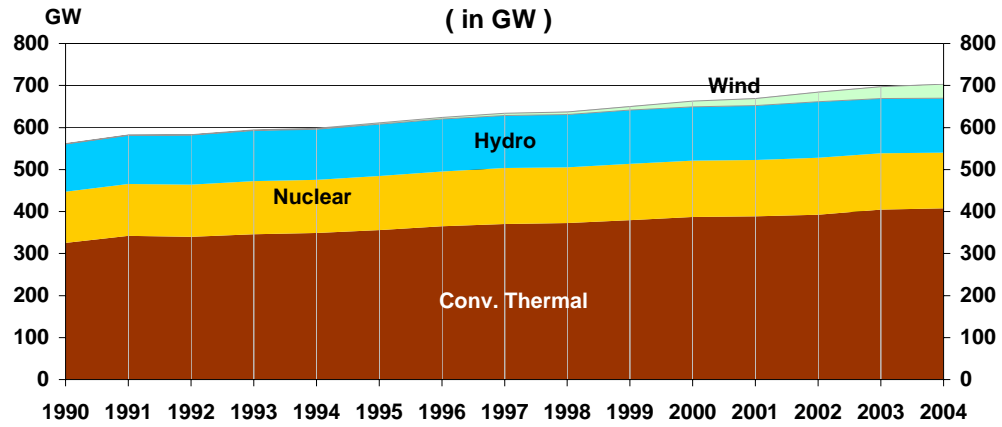
2.4.1

Electricity Production Capacity 2004 (in MW)

	Total	Conventional Thermal	Nuclear	Hydro	of which: pumping	Wind	Geothermal
EU25	703 874	407 571	132 985	129 049	30 589	33 613	656
Share	100.0%	57.9%	18.9%	18.3%		4.8%	0.1%
BE	15 634	8 365	5 761	1 415	1 307	93	-
CZ	17 418	11 498	3 760	2 160	1 145	-	-
DK	13 363	10 228	-	11	-	3 124	-
DE	123 845	78 413	20 552	8 251	4 198	16 629	-
EE	2 375	2 375	-	-	-	-	-
EL	12 435	8 866	-	3 099	699	470	-
ES	69 392	35 477	7 577	18 118	2 518	8 220	-
FR	116 342	27 387	63 363	25 235	4 303	357	-
IE	5 839	4 929	-	532	292	378	-
IT	81 306	58 792	-	20 745	6 957	1 127	642
CY	988	988	-	-	-	-	-
LV	2 132	590	-	1 517	-	25	-
LT	5 710	2 473	2 367	870	760	-	-
LU	1 632	459	-	1 138	1 100	35	-
HU	8 628	6 711	1 866	51	-	-	-
MT	387	387	-	-	-	-	-
NL	21 712	20 153	449	37	-	1 073	-
AT	18 564	6 254	-	11 750	2 543	560	-
PL	31 724	29 402	-	2 282	1 406	40	-
PT	12 711	7 292	-	4 852	537	553	14
SI	2 965	1 335	656	974	-	-	-
SK	8 268	3 107	2 640	2 518	-	3	-
FI	16 563	10 811	2 671	2 999	-	82	-
SE	33 649	7 424	9 471	16 302	36	452	-
UK	80 292	63 855	11 852	4 193	2 788	392	-

Source: Eurostat

Electricity Production Capacity - EU25



2.4.1

2.4.1

2.4.2

2.4.2

Electricity from Renewable Sources

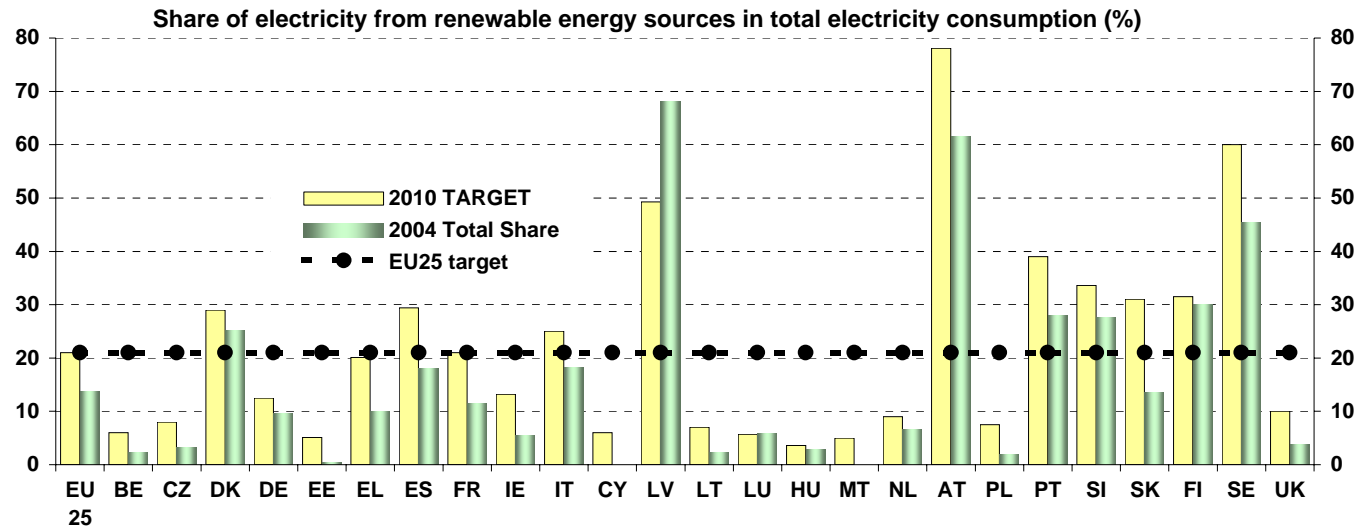
Share in electricity mix

2004 (in %)

	2010 TARGET	2004 Total Share	Hydro*	Wind	Biomass	Solar	Geothermal
EU25	21.0	13.7	9.6	1.8	2.1	0.0	0.2
BE	6.0	2.3	0.4	0.2	1.8	0.0	-
CZ	8.0	3.3	2.4	-	0.9	-	-
DK	29.0	25.1	0.1	16.3	8.8	-	-
DE	12.5	9.6	3.5	4.2	1.9	0.1	-
EE	5.1	0.5	0.2	-	0.3	-	-
EL	20.1	10.0	7.9	1.9	0.2	0.0	-
ES	29.4	18.0	11.3	5.6	1.1	0.0	-
FR	21.0	11.5	10.5	0.1	0.9	0.0	-
IE	13.2	5.4	2.5	2.6	0.4	-	-
IT	25.0	18.2	14.1	0.6	1.8	0.0	1.8
CY	6.0	-	-	-	-	-	-
LV	49.3	68.2	66.3	1.0	0.8	-	-
LT	7.0	2.2	2.2	-	0.0	-	-
LU	5.7	5.8	2.6	0.9	2.1	0.2	-
HU	3.6	2.8	0.6	-	2.2	-	-
MT	5.0	-	-	-	-	-	-
NL	9.0	6.6	0.1	1.9	4.6	0.0	-
AT	78.1	61.6	56.8	1.4	3.3	0.0	-
PL	7.5	2.0	1.4	0.1	0.6	-	-
PT	39.0	27.9	21.9	1.8	4.0	0.0	0.2
SI	33.6	27.6	26.8	-	0.8	-	-
SK	31.0	13.4	13.4	-	-	-	-
FI	31.5	29.9	17.6	0.1	12.2	0.0	-
SE	60.0	45.4	39.6	0.6	5.2	-	-
UK	10.0	3.7	1.2	0.5	2.0	0.0	-

Sources : Eurostat and Directive 2001/77/EC on the promotion of electricity produced from renewable energy sources in the internal electricity market.

* Note: Does not include pumped storage



2.4.2

2.4.2

2.4.3

2.4.3

Gross Electricity Generation 2004 (in TWh)

	Total	Conventional Thermal:	- Coal	- Oil	- Gas	- Other	Nuclear	Pumped Storage	Renewables *
EU25	3179	1723	937	143	633	11	986	33	436
	100%	54.2%					31.0%	1.0%	13.7%
BE	85.4	34.9	9.1	1.7	23.8	0.2	47.3	1.3	2.0
CZ	84.3	54.7	49.6	0.3	4.7	0.0	26.3	0.5	2.8
DK	40.5	30.3	18.7	1.6	10.0	-	-	-	10.2
DE	606.6	375.0	293.2	10.1	70.1	1.5	167.1	6.8	58.2
EE	10.3	10.2	9.5	0.0	0.7	-	-	-	0.1
EL	59.3	52.9	35.4	8.4	9.0	0.1	-	0.5	5.9
ES	280.0	163.3	79.1	23.8	56.7	3.7	63.6	2.9	50.2
FR	572.2	52.8	25.8	5.9	21.2	0.0	448.2	5.2	66.0
IE	25.6	23.8	7.7	3.2	12.9	0.0	-	0.4	1.4
IT	303.3	240.8	45.5	58.9	135.1	1.2	-	7.2	55.3
CY	4.2	4.2	-	4.2	-	-	-	-	-
LV	4.7	1.5	-	0.1	1.4	-	-	-	3.2
LT	19.3	3.2	-	0.4	2.7	0.2	15.1	0.5	0.4
LU	4.1	3.2	-	-	3.2	-	-	0.8	0.2
HU	33.7	20.8	8.2	0.8	11.8	0.0	11.9	-	1.0
MT	2.2	2.2	-	2.2	-	-	-	-	-
NL	100.7	90.3	23.5	2.8	63.8	0.2	3.8	-	6.7
AT	64.1	22.1	7.9	1.8	12.2	0.2	-	2.5	39.5
PL	154.2	149.5	141.6	2.5	5.0	0.3	-	1.6	3.1
PT	45.1	32.3	14.9	5.7	11.7	0.0	-	0.3	12.6
SI	15.3	5.6	5.2	0.0	0.4	0.0	5.5	-	4.2
SK	30.6	9.3	5.7	0.7	2.8	0.1	17.0	0.1	4.1
FI	85.8	37.4	23.0	0.6	13.3	0.5	22.7	-	25.7
SE	151.7	5.3	1.0	2.0	1.6	0.7	77.5	0.1	68.9
UK	395.3	297.9	131.8	4.9	159.2	2.0	80.0	2.6	14.8

Source: Eurostat

* not including generation from hydro pumped storage

2.4.3

2.4.3

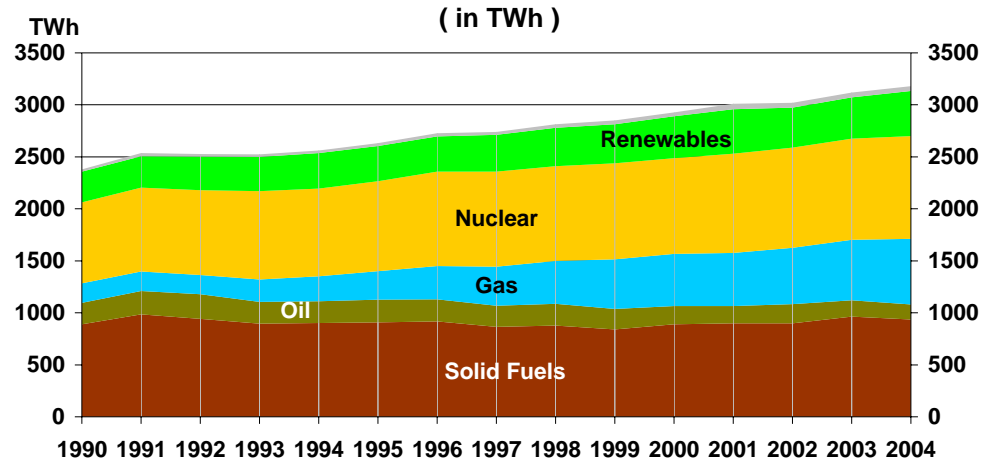
Gross Electricity Generation 2004, from renewables (in GWh)

	Renewables	Hydro *	Wind	Biomass	Solar	Geothermal
EU25	436 263	303 872	58 521	67 913	436	5 521
	100.0%	69.7%	13.4%	15.6%	0.1%	1.3%
BE	1 981	317	129	1 535	-	-
CZ	2 757	2 019	-	738	-	-
DK	10 154	27	6 583	3 544	-	-
DE	58 153	21 077	25 270	11 473	333	-
EE	52	22	-	30	-	-
EL	5 916	4 672	1 121	123	-	-
ES	50 224	31 554	15 601	3 029	40	-
FR	65 992	60 230	573	5 181	8	-
IE	1 377	630	655	92	-	-
IT	55 346	42 698	1 847	5 359	5	5 437
CY	0	-	-	-	-	-
LV	3 196	3 109	49	38	-	-
LT	427	421	-	6	-	-
LU	231	106	39	85	1	-
HU	956	205	-	751	-	-
MT	0	-	-	-	-	-
NL	6 669	95	1 867	4 676	31	-
AT	39 500	36 423	924	2 141	12	-
PL	3 074	2 082	142	850	-	-
PT	12 576	9 869	816	1 804	3	84
SI	4 215	4 094	-	121	-	-
SK	4 100	4 100	-	-	-	-
FI	25 699	15 070	120	10 509	-	-
SE	68 916	60 123	850	7 943	-	-
UK	14 752	4 929	1 935	7 885	3	-

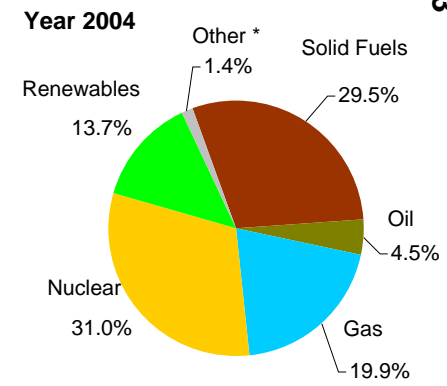
Source: Eurostat

* not including generation from hydro pumped storage

Gross Electricity Generation - EU25



* Pumped Storage Plants and Other Power Stations



2.4.3

2.4.3

Part 2 : ENERGY

Chapter 2.5

Prices

2.5.1

2.5.1

Automotive Diesel Oil Prices
(all taxes included)
Current prices in euro per litre

	1990	1995	2000	2001	2002	2003	2004	2005	2006
EU25								0.948	1.031
EU15			0.841	0.882	0.831	0.878	0.854	0.960	1.029
BE	0.507	0.615	0.730	0.735	0.721	0.737	0.731	0.854	1.029
CZ								0.815	0.970
DK	0.587	0.623	0.822	0.821	0.796	0.858	0.823	0.909	1.075
DE	0.519	0.593	0.759	0.820	0.813	0.904	0.876	0.970	1.094
EE								0.697	0.860
EL	0.197	0.473	0.619	0.641	0.597	0.657	0.642	0.774	0.919
ES	0.447	0.507	0.621	0.725	0.673	0.723	0.701	0.808	0.930
FR	0.525	0.588	0.805	0.805	0.745	0.818	0.791	0.914	1.054
IE	0.722	0.657	0.771	0.940	0.742	0.787	0.796	0.949	1.078
IT	0.613	0.625	0.836	0.902	0.836	0.895	0.876	1.004	1.157
CY								0.722	0.869
LV								0.702	0.855
LT								0.715	0.878
LU	0.364	0.508	0.632	0.645	0.620	0.652	0.622	0.724	0.881
HU								0.937	1.020
MT								0.831	0.943
NL	0.471	0.613	0.782	0.825	0.770	0.803	0.826	0.909	1.043
AT		0.620	0.733	0.771	0.695	0.748	0.727	0.836	1.052
PL								0.830	0.965
PT	0.468	0.535	0.549	0.648	0.648	0.700	0.700	0.834	1.196
SI								0.816	0.914
SK								0.874	1.039
FI			0.768	0.870	0.783	0.818	0.776	0.876	0.997
SE		0.779	0.810	0.857	0.801	0.860	0.849	0.976	1.133
UK	0.539	0.688	1.258	1.286	1.211	1.163	1.126	1.201	1.358

Source: Eurostat

2.5.2

2.5.2

Unleaded Petrol (95 RON) Prices (all taxes included)

Current prices in euro per litre

	1990	1995	2000	2001	2002	2003	2004	2005	2006
EU25								1.034	1.264
EU15			0.995	1.007	0.969	1.041	1.011	1.052	1.305
BE		0.779	0.957	1.004	0.946	0.983	0.992	1.069	1.305
CZ								0.809	0.980
DK		0.754	1.001	1.065	1.040	1.107	1.071	1.098	1.267
DE		0.811	0.956	0.972	0.989	1.110	1.077	1.111	1.262
EE								0.674	0.842
EL		0.636	0.672	0.725	0.692	0.753	0.738	0.767	0.941
ES		0.644	0.749	0.788	0.768	0.832	0.805	0.844	1.001
FR		0.847	1.039	1.003	0.959	1.046	0.997	1.038	1.220
IE		0.688	0.815	0.955	0.802	0.869	0.870	0.941	1.076
IT		0.789	0.999	1.038	0.996	1.070	1.048	1.088	1.260
CY								0.757	0.894
LV								0.717	0.855
LT								0.708	0.890
LU		0.628	0.741	0.781	0.736	0.788	0.826	0.902	1.066
HU								0.958	1.053
MT								0.868	1.085
NL	0.693	0.873	1.057	1.140	1.102	1.159	1.188	1.248	1.407
AT		0.755	0.868	0.871	0.821	0.899	0.858	0.910	1.052
PL								0.875	0.970
PT		0.785	0.803	0.913	0.858	0.950	0.950	0.996	1.196
SI								0.820	0.919
SK								0.857	1.043
FI			1.062	1.086	1.004	1.084	1.052	1.143	1.232
SE		0.822	1.004	1.036	0.954	1.022	1.019	1.103	1.207
UK	0.529	0.684	1.219	1.212	1.134	1.141	1.101	1.130	1.298

Source: Eurostat

2.5.3

2.5.3

Electricity Prices for Industry
(Excise taxes included)
Current prices in euro per 100 kWh

	1990	1995	2000	2001	2002	2003	2004	2005	2006
EU25							5.96	6.45	7.37
EU15							6.10	6.58	7.54
BE	5.75	6.03	5.53	5.72	5.84	5.87	5.96	5.91	7.73
CZ			4.11	3.93	4.30	4.16	4.00	4.95	5.71
DK	4.37	4.71							
DE	7.52	8.10	5.42	5.72	5.63	7.02	7.40	7.99	8.97
EE					3.49	4.14	4.14	3.91	3.78
EL	5.52	4.82	4.80	4.80	5.00	5.15		5.41	5.60
ES	7.08	6.16	5.63	5.14	4.90	5.00		6.08	6.39
FR	4.96	5.61	4.91	4.82	4.87	4.87			5.00
IE	5.24	5.06	5.30	5.31	6.21	6.48		7.98	9.14
IT	6.00	6.24	7.21	8.48	8.32	9.02	8.36	9.65	10.90
CY			8.22	9.90	8.37	9.08	7.79	7.48	10.74
LV							3.59	3.28	3.28
LT						4.81	4.81	4.83	4.82
LU	4.83	4.83	4.46	3.94	4.01	4.21	-	-	-
HU		2.72	3.93	4.01	4.57	4.63	4.76	5.10	5.84
MT		5.14	5.86	5.93	6.06	5.53	5.39	5.68	5.72
NL	4.53	4.78						5.94	6.31
AT		6.88				5.65	6.17	6.74	7.20
PL			3.95	4.15	5.16	4.95	4.37	5.02	5.33
PT	6.41	6.55	5.25	5.30	5.56	5.64		6.38	7.30
SI		4.64	5.09	5.09	5.39	4.72	5.24	5.31	5.60
SK							6.58	6.61	7.20
FI		4.42	3.80	3.77	4.08	5.65	5.54	5.42	5.31
SE			2.83	2.43	2.62	6.20	4.45	3.88	5.17
UK	5.64	4.84	5.76	5.32	5.24	4.60	4.01	4.47	7.15

Source: Eurostat

2.5.4

2.5.4

Residual Fuel Oil Prices for Industry (Excise taxes included)

Current prices in euro per tonne

	1990	1995	2000	2001	2002	2003	2004	2005	2006
EU25								241.8	259.9
EU15								249.1	264.4
BE	116.2	114.5	142.2	158.7	141.0	199.6	147.8	166.2	264.4
CZ								164.0	262.0
DK	154.0	130.8	194.7	224.9	229.9	258.2	480.7	530.5	652.8
DE	128.8	122.6	155.0	164.6	169.5	202.5	165.1	169.9	286.0
EE								113.3	
EL	127.1	155.7	209.4	237.2	196.4	250.9	209.5	201.8	336.8
ES	127.5	143.7	194.3	244.0	210.6	253.0	200.4	213.4	349.9
FR	120.3	141.4	165.1	189.0	190.9	217.8	173.1	193.4	302.8
IE	138.2	133.7					255.8	259.2	404.2
IT	142.2	144.6	188.3	211.7	202.6	239.3	218.0	245.9	361.7
CY									
LV									
LT								224.2	
LU	121.0	123.1	157.6	180.9	145.4	208.9	176.4	170.6	
HU								213.0	316.5
MT									
NL	169.2	164.0	200.1	220.1	202.0	237.0	237.0	223.0	338.0
AT		117.4	165.0	190.8	168.4	233.0	179.0	216.7	337.7
PL								168.9	263.3
PT	139.4	148.1	204.9	293.9	247.0	254.0	224.1	235.3	379.9
SI								253.1	362.7
SK								194.4	245.4
FI		157.2	207.5	222.2	277.4	318.7	261.0	307.9	433.9
SE		327.0	418.9	533.7	469.2	550.9	580.4	623.9	750.8
UK	119.3	121.4				243.9	202.5	227.8	400.2

Source: Eurostat

2.5.5

2.5.5

Natural Gas Prices for Industry
(Excise taxes included)
Current prices in euro per GJ (GCV)

	1990	1995	2000	2001	2002	2003	2004	2005	2006
EU25							4.79	5.60	7.45
EU15							4.86	5.70	7.55
BE	3.43	3.21	3.56	5.45	4.38	4.53		4.33	6.47
CZ			2.98	3.80	4.51	3.92	4.00	4.87	6.97
DK		3.16	4.29	5.55	4.33	5.18	4.71	5.83	5.90
DE	4.29	4.37	4.45	7.06	6.57	6.68	6.46	7.46	9.75
EE						2.65	2.40	2.41	2.55
EL									
ES	3.47	2.80	3.89	5.38	4.18	4.51		4.38	6.52
FR	3.05	2.84	3.83	5.50	3.93	4.32			7.40
IE	2.27				4.51	4.83			
IT	3.09	3.28	4.00	5.84	5.22	5.03	4.97	5.52	5.97
CY									
LV							3.43	3.32	3.82
LT						3.99	3.62	3.40	4.10
LU	3.89	3.85	4.82	6.61	5.12	4.23		4.29	5.66
HU		2.22	2.23	3.39	4.15	4.43	4.54	4.87	7.03
MT									
NL	2.84	3.05	3.68						
AT		4.02	5.47	6.62	5.88				9.48
PL			3.95	4.15	5.41	4.09	3.71	4.53	5.54
PT					4.17	3.97	3.73	4.15	5.72
SI		3.87	4.00	6.31	5.58	4.92	4.50	5.51	7.56
SK							5.16	4.90	7.57
FI		2.63	4.33	5.22	4.90	5.06	4.94	5.12	6.22
SE			8.42	7.73	6.22				
UK	3.38	2.47	2.98	3.52	5.09	3.90	3.73	4.38	7.80

Source: Eurostat

2.5.6

2.5.6

Electricity Prices for Households

(all taxes included)

Current prices in euro per 100 kWh

	1990	1995	2000	2001	2002	2003	2004	2005	2006
EU25							12.51	12.83	13.45
EU15							12.87	13.14	13.74
BE	11.49	13.54	13.20	13.57	13.43	13.24	13.70	13.81	13.78
CZ			4.86	5.64	7.08	6.61	6.60	7.23	7.87
DK	12.54	13.80	18.40	19.43	20.74	21.72	21.41	21.55	22.31
DE							15.69	16.55	16.96
EE					5.48	5.97	5.97	6.58	6.97
EL								7.80	8.11
ES								10.07	10.52
FR						11.30	11.62	11.62	11.62
IE								12.85	13.46
IT		18.29	18.48	19.73	18.51	19.35	19.01	18.62	20.00
CY			9.03	10.80	9.17	10.40	10.76	10.61	14.17
LV							5.82	6.68	6.68
LT							6.47	7.34	7.34
LU	9.89	10.95	10.86	11.33	11.82	12.23	12.52	13.52	14.61
HU		5.71	7.15	7.28	8.30	8.42	10.15	10.89	11.12
MT		5.25	8.16	8.27	8.45	8.46	8.25	9.54	12.01
NL			14.21	16.98	16.35	17.23	17.95	19.23	20.54
AT							13.19	13.35	12.78
PL				8.55	10.55	9.86	8.88	10.43	11.64
PT								12.28	12.60
SI		6.58	9.07	9.14	9.45	9.18	9.27	9.24	9.40
SK							9.87	10.45	11.04
FI		7.35	7.48	7.37	7.89	8.36	9.12	8.90	9.10
SE			9.52	9.69	10.51	12.38	13.41	13.04	13.23
UK			10.12	9.55	9.83	9.16	8.37	8.80	10.31

Source: Eurostat

2.5.7

2.5.7

Heating Gasoil Prices for Households
(all taxes included)
Current prices in euro per litre

	1990	1995	2000	2001	2002	2003	2004	2005	2006
EU25								505.9	549.5
EU15			408.6	442.2	381.1	457.5	413.4	506.3	549.4
BE	194.2	177.5	278.4	328.2	273.0	318.8	302.7	372.4	549.4
CZ								492.0	610.6
DK	530.2	528.7	683.0	699.9	664.9	725.5	719.9	837.8	1002.4
DE	228.6	214.0	327.4	377.4	312.9	401.2	334.4	430.9	587.7
EE								431.4	541.1
EL	197.4	315.3	278.2	314.8	302.9	348.2	329.3	415.0	589.0
ES	265.4	252.7	359.5	392.9	339.0	428.5	374.2	446.2	584.8
FR	335.9	308.1	411.0	407.8	314.1	419.1	393.4	477.6	632.4
IE	270.5	219.8	405.2	502.5	397.5	465.2	443.8	525.7	685.1
IT	582.2	615.8	799.5	816.5	816.0	875.0	851.1	952.4	1102.1
CY								622.8	720.3
LV								473.5	600.6
LT								376.5	521.3
LU	225.2	196.6	280.1	309.9	260.0	324.0	300.0	377.0	504.0
HU								937.0	1019.6
MT								370.2	556.7
NL	304.7	292.8	490.5	590.8	552.0	622.0	608.0	700.0	854.0
AT		314.0	395.3	413.9	371.7	422.4	427.1	492.7	644.8
PL								430.9	600.8
PT			334.2	359.1	359.0	465.0	425.0	500.0	649.0
SI								487.1	583.7
SK								428.1	583.5
FI			347.3	454.1	334.0	397.5	381.6	449.0	621.0
SE		472.1	547.6	671.8	648.4	698.2	777.7	853.4	992.5
UK	212.3	176.7	293.7	322.9	251.9	278.0	273.8	372.8	538.7

Source: Eurostat

2.5.8

2.5.8

Natural Gas Prices for Households
(Excise taxes included)
Current prices in euro per GJ (GCV)

	1990	1995	2000	2001	2002	2003	2004	2005	2006
EU25							13.80	14.14	16.04
EU15							14.18	14.76	16.57
BE	12.77	15.07	15.87	18.49	17.25	17.66	17.48		
CZ			5.53	6.85	8.67	8.03	8.76	9.81	11.55
DK			18.14	22.00	17.98	18.98	19.12	28.44	29.82
DE	12.16	14.19	14.06	17.16	17.35	17.53	17.82	19.47	21.84
EE						5.99	5.99	5.99	5.99
EL									
ES	12.84	12.77	13.50	16.30	15.42	15.40	14.81		
FR	12.22	12.60	12.38	14.72	15.74	15.58		15.90	
IE	14.30	16.83	16.20	16.20	16.19	16.33	17.82		
IT	12.33	10.49	12.70	14.71	13.87	14.58	13.67		
CY									
LV							4.43	5.59	6.09
LT							8.07	8.06	8.20
LU	11.00	10.75	11.30	13.37	12.32	12.61	12.28		
HU		2.95	3.66	3.95	4.79	4.86	5.22	5.60	5.77
MT									
NL	7.94	9.99	10.39	8.57	9.45	12.71	12.53	17.25	19.21
AT			11.27	15.19	15.19	16.04	17.53		
PL				6.83	8.63	8.25	7.44	8.82	10.90
PT					16.66	16.93	17.21	17.62	20.03
SI		13.83	15.77	12.98	12.39	10.96	10.70	11.38	14.27
SK							8.86	10.29	
FI									
SE			15.70	18.44	19.75	20.24	21.50	23.21	29.28
UK		8.91	10.03	9.56	10.07	9.85	10.07	8.09	9.14

Source: Eurostat

Part 2 : ENERGY

Chapter 2.6 Country Energy Statistics

Energy Statistics for EU-25

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	881.06	875.36	866.57	873.89	884.38	902.70	930.85	924.40	904.03	909.62	898.23	900.96	901.01	893.69	890.00
Solid fuels	351.77	324.17	306.75	283.35	263.52	264.21	258.85	255.15	228.40	215.13	203.19	201.47	200.59	197.89	191.75
Oil	120.60	121.00	124.38	130.65	159.74	162.86	162.88	161.99	165.88	172.65	165.17	155.23	158.94	149.40	139.23
Gas	139.53	152.63	154.09	165.59	166.99	174.48	196.12	189.21	188.16	191.82	196.58	197.37	193.67	189.37	192.23
Nuclear	198.81	204.91	206.25	215.07	213.57	218.58	228.17	229.89	230.23	237.93	237.66	246.03	248.79	251.16	254.36
Renewables	68.67	70.87	73.24	77.38	78.48	80.24	82.50	85.54	88.56	89.64	92.98	97.52	95.80	102.70	109.16
Industrial waste	1.69	1.77	1.86	1.86	2.07	2.34	2.33	2.62	2.79	2.45	2.65	3.35	3.23	3.17	3.26
Net Imports	709.38	735.13	733.24	701.48	681.16	702.48	739.08	752.07	784.66	765.94	802.06	830.25	829.83	874.76	907.37
Solid fuels	73.73	86.71	86.15	71.69	68.76	73.94	78.89	81.56	84.76	82.84	94.30	103.55	100.55	110.06	119.23
Oil	509.56	523.50	524.05	510.09	489.01	491.04	511.26	515.25	537.31	503.79	518.09	539.50	525.89	547.56	560.34
Gas	123.76	124.24	121.76	117.88	121.71	135.87	148.96	154.55	162.30	177.87	187.10	185.64	201.16	216.52	227.46
Electricity	2.18	0.46	1.06	1.52	1.38	1.37	-0.29	0.54	0.20	1.21	2.14	1.12	1.86	0.37	-0.04
Renewables	0.14	0.21	0.21	0.29	0.30	0.25	0.25	0.17	0.08	0.24	0.42	0.43	0.37	0.25	0.37
Derived heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gross Inland Consumption	1557.64	1578.83	1551.84	1550.24	1544.84	1579.27	1636.23	1626.53	1647.70	1642.88	1654.49	1693.79	1686.68	1727.12	1747.24
Solid fuels	430.21	410.02	384.26	362.06	350.21	345.17	344.32	331.74	321.62	298.91	305.54	307.14	304.79	313.04	311.95
Oil	595.06	613.90	614.23	608.94	614.04	621.94	636.39	636.49	651.70	646.40	636.28	650.50	642.82	648.13	650.59
Gas	260.67	276.43	270.64	283.07	284.77	309.39	342.57	339.53	352.49	366.18	376.83	387.64	389.03	408.31	417.58
Nuclear	198.81	204.91	206.25	215.07	213.57	218.58	228.17	229.89	230.23	237.93	237.66	246.03	248.79	251.16	254.36
Renewables	69.03	71.33	73.53	77.73	78.79	80.49	82.73	85.73	88.67	89.80	93.39	98.01	96.17	102.94	109.54
Other	3.87	2.23	2.93	3.38	3.45	3.71	2.04	3.16	2.99	3.66	4.79	4.48	5.09	3.54	3.23
Elec. Generation (TWh)	2380.78	2536.10	2526.78	2522.95	2561.31	2631.27	2726.55	2740.22	2813.71	2849.36	2928.51	3010.77	3019.63	3117.61	3179.04
Coal (TWh)	890.02	985.30	942.21	894.26	901.89	909.12	916.60	866.28	877.10	841.28	889.76	897.91	898.28	962.05	936.53
Oil (TWh)	206.60	224.29	237.93	210.94	208.90	217.11	214.28	202.88	209.55	196.84	176.67	168.58	183.85	157.91	142.75
Gas (TWh)	185.76	188.70	182.13	216.50	241.67	275.73	318.81	375.37	413.37	476.77	500.45	508.72	542.70	582.65	633.13
Nuclear (TWh)	780.21	806.85	817.43	847.94	843.43	864.56	908.08	914.20	911.30	922.94	921.36	953.76	964.46	973.67	986.07
Renewables (TWh) (*)	294.25	301.87	321.50	328.90	340.49	337.57	339.09	352.29	369.04	374.46	403.79	428.82	385.53	397.24	436.26
Other (TWh)	23.94	29.10	25.59	24.42	24.93	27.20	29.70	29.21	33.35	37.08	36.47	53.00	44.80	44.10	44.29
Final Energy Consumption	1014.37	1031.22	1010.77	1016.49	1007.11	1026.55	1069.14	1061.22	1070.26	1070.78	1086.59	1112.21	1099.99	1129.25	1140.88
by fuel/product															
Solid fuels	123.94	110.53	97.20	91.49	82.08	80.41	78.31	76.29	66.57	59.31	57.06	55.30	52.95	51.70	52.31
Oil	429.21	440.42	442.60	445.78	443.79	447.10	460.75	461.91	471.75	473.09	469.08	480.58	475.19	483.35	488.08
Gas	205.32	219.58	215.02	221.45	220.02	233.92	256.19	245.61	250.31	251.64	260.01	265.92	261.13	275.42	276.93
Electricity	176.43	178.10	178.26	178.61	183.28	187.81	193.10	196.59	200.96	204.59	211.33	217.58	218.44	223.95	227.86
Renewables	35.32	36.82	36.12	38.73	38.26	39.71	40.86	42.00	42.76	42.31	43.99	45.30	45.90	47.24	48.99
Other	44.15	45.76	41.56	40.43	39.68	37.60	39.94	38.82	37.91	39.84	45.11	47.54	46.38	47.59	46.70
by sector															
Industry	332.62	317.01	304.54	296.72	295.80	304.61	306.86	309.84	305.09	299.19	312.15	312.68	310.32	314.82	318.86
Transport	272.28	275.86	283.78	289.10	290.84	294.85	304.66	311.14	322.72	331.79	333.54	335.79	338.92	343.86	350.29
Households	256.28	279.89	267.89	278.30	268.12	270.93	291.32	280.94	280.46	277.89	282.86	298.73	289.93	300.83	299.68
Commerce, etc.	153.19	158.45	154.55	152.37	152.35	156.15	166.30	159.31	161.99	161.91	158.04	165.01	160.82	169.73	172.05
Non-Energy Uses	93.62	94.17	96.86	91.12	99.42	103.28	102.65	107.04	104.06	103.35	105.84	102.99	102.04	101.87	101.15
CO₂ Emissions (Mt) (**)	3790	3810	3706	3646	3608	3647	3752	3684	3710	3671	3692	3754	3770	3845	3863
Energy intensity (toe/M€'00)	220	219	212	208	201	200	204	197	194	188	182	183	180	182	180
CO₂ intensity (tCO₂/toe)	2.43	2.41	2.39	2.35	2.34	2.31	2.29	2.27	2.25	2.23	2.23	2.22	2.23	2.23	2.21
Import dependency, %	44.5	45.6	46.2	44.2	43.1	43.5	44.2	45.1	46.4	45.5	47.3	47.8	47.9	49.3	50.5
Energy per capita (kgoe/cap)	3535	3567	3493	3478	3458	3527	3647	3618	3659	3641	3658	3732	3701	3772	3798
CO₂ per capita (kg/cap)	8600	8607	8343	8179	8075	8143	8361	8195	8238	8136	8163	8272	8272	8398	8396

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Belgium

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	12.53	12.33	12.11	11.54	11.13	11.34	11.63	12.84	12.29	13.57	13.37	12.94	13.17	13.33	13.34
Solid fuels	1.08	0.86	0.60	0.48	0.32	0.27	0.24	0.18	0.13	0.15	0.19	0.11	0.09	0.07	0.09
Oil									0.01	0.01			0.01	0.01	0.01
Gas	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00				
Nuclear	10.71	10.72	10.74	10.42	10.20	10.34	10.69	11.96	11.39	12.64	12.42	11.96	12.22	12.22	12.20
Renewables	0.65	0.66	0.66	0.53	0.50	0.60	0.58	0.59	0.64	0.63	0.64	0.72	0.67	0.90	0.96
Industrial waste	0.08	0.09	0.11	0.11	0.11	0.13	0.11	0.10	0.12	0.13	0.11	0.15	0.19	0.14	0.08
Net Imports	38.86	41.52	42.70	41.07	42.74	43.78	47.08	47.16	50.06	46.91	48.65	48.71	45.33	49.36	49.31
Solid fuels	9.49	9.17	9.28	7.80	8.24	9.34	7.96	8.09	8.54	7.34	7.57	7.55	5.73	6.07	6.17
Oil	21.47	23.86	24.27	23.54	24.30	23.58	26.77	27.41	28.89	25.92	27.33	27.14	25.16	28.33	27.70
Gas	8.22	8.66	9.14	9.47	9.78	10.42	11.88	11.28	12.43	13.48	13.28	13.13	13.65	14.24	14.56
Electricity	-0.32	-0.16	0.01	0.19	0.34	0.35	0.36	0.28	0.12	0.07	0.37	0.78	0.65	0.55	0.67
Renewables				0.07	0.08	0.09	0.10	0.09	0.08	0.11	0.10	0.10	0.14	0.16	0.21
Derived heat															
Gross Inland Consumption	47.26	49.49	50.26	48.89	49.76	50.46	53.98	55.12	56.21	56.88	57.17	55.66	52.55	55.80	54.83
Solid fuels	10.24	9.97	9.61	8.74	8.89	8.55	8.17	8.36	8.44	7.42	8.20	7.08	6.65	6.22	6.09
Oil	17.73	19.48	20.09	19.43	19.96	19.79	22.14	22.47	22.95	22.53	21.95	21.69	18.66	21.22	20.05
Gas	8.17	8.73	9.05	9.41	9.67	10.61	11.82	11.26	12.47	13.33	13.37	13.18	13.38	14.40	14.57
Nuclear	10.71	10.72	10.74	10.42	10.20	10.34	10.69	11.96	11.39	12.64	12.42	11.96	12.22	12.22	12.20
Renewables	0.65	0.66	0.66	0.59	0.58	0.68	0.69	0.68	0.72	0.74	0.75	0.82	0.80	1.06	1.16
Other	-0.24	-0.07	0.12	0.30	0.45	0.48	0.47	0.39	0.24	0.21	0.48	0.93	0.84	0.69	0.75
Elec. Generation (TWh)	70.85	71.95	72.26	70.85	72.24	74.43	76.15	78.89	83.24	84.52	83.89	79.70	82.06	84.62	85.44
Coal (TWh)	17.10	16.51	16.01	16.30	16.98	16.52	15.55	13.75	14.19	9.94	12.92	9.94	10.03	9.64	9.15
Oil (TWh)	1.31	1.83	1.54	1.48	1.62	1.31	1.29	1.42	2.58	1.04	0.80	1.66	0.97	1.01	1.68
Gas (TWh)	8.17	8.94	9.19	9.24	10.88	12.94	13.67	14.07	17.74	21.82	19.09	18.61	20.50	23.58	23.81
Nuclear (TWh)	42.72	42.86	43.46	41.93	40.62	41.36	43.34	47.41	46.17	49.02	48.16	46.35	47.36	47.38	47.31
Renewables (TWh) (*)	0.77	0.77	0.88	0.78	0.87	0.95	0.86	0.86	0.93	1.18	1.33	1.42	1.58	1.68	1.98
Other (TWh)	0.78	1.03	1.18	1.12	1.26	1.35	1.45	1.38	1.64	1.53	1.60	1.72	1.62	1.34	1.51
Final Energy Consumption	31.30	33.13	33.77	33.10	34.03	34.49	36.38	36.53	37.09	36.93	36.93	37.20	35.85	37.93	37.42
by fuel/product															
Solid fuels	3.79	3.93	3.75	3.28	3.69	3.31	3.23	3.71	3.27	3.27	3.38	3.30	2.45	2.38	2.33
Oil	14.73	15.99	16.67	16.17	16.32	16.25	17.21	17.36	17.59	16.96	16.05	16.26	15.52	17.47	16.62
Gas	7.25	7.48	7.45	7.74	7.85	8.52	9.36	8.72	9.20	9.55	10.01	10.07	10.30	10.31	10.58
Electricity	4.99	5.20	5.37	5.44	5.71	5.88	6.01	6.18	6.36	6.41	6.67	6.72	6.74	6.85	6.93
Renewables	0.33	0.30	0.29	0.25	0.25	0.31	0.32	0.30	0.35	0.36	0.34	0.37	0.36	0.45	0.48
Other	0.21	0.22	0.23	0.21	0.21	0.22	0.25	0.27	0.32	0.39	0.49	0.48	0.47	0.46	0.47
by sector															
Industry	11.89	12.29	12.29	11.52	12.28	12.11	11.71	12.67	12.88	13.25	13.64	13.53	12.70	12.63	12.44
Transport	7.70	7.84	8.28	8.35	8.48	8.48	8.90	9.19	9.57	9.60	9.67	9.45	9.61	10.13	10.20
Households	8.34	9.19	9.18	9.11	8.95	9.29	10.60	9.86	9.88	9.48	9.47	9.84	9.27	9.86	10.01
Commerce, etc.	3.37	3.81	4.02	4.12	4.32	4.60	5.18	4.80	4.76	4.60	4.16	4.38	4.27	5.30	4.76
Non-Energy Uses	2.74	2.85	3.07	3.04	3.34	3.29	4.71	4.85	4.85	5.06	5.81	6.03	5.69	5.17	4.31
CO₂ Emissions (Mt) (**)	107	112	113	109	113	113	118	117	119	115	116	113	108	116	112
Energy intensity (toe/M€'00)	232	238	238	234	231	229	242	239	239	235	227	219	204	214	205
CO₂ intensity (tCO₂/toe)	2.26	2.27	2.24	2.22	2.28	2.24	2.18	2.12	2.11	2.03	2.03	2.02	2.06	2.08	2.05
Import dependency, %	75.7	77.4	78.5	77.3	79.4	80.5	80.5	78.4	81.3	76.6	77.8	80.0	76.4	78.8	78.9
Energy per capita (kgoe/cap)	4741	4946	5002	4847	4919	4978	5316	5414	5509	5564	5580	5413	5087	5379	5263
CO₂ per capita (kg/cap)	10692	11212	11206	10782	11199	11145	11588	11489	11648	11290	11311	10948	10474	11163	10773

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Czech Republic

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	38.47	36.44	35.67	35.20	32.66	31.53	32.34	32.67	30.73	27.97	29.79	30.41	30.56	32.70	32.64
Solid fuels	34.70	32.79	31.51	30.79	28.11	27.28	27.97	28.11	26.04	23.08	25.00	25.30	24.21	24.20	23.51
Oil	0.22	0.22	0.24	0.26	0.27	0.27	0.25	0.46	0.43	0.38	0.38	0.37	0.42	0.48	0.58
Gas	0.20	0.21	0.14	0.19	0.19	0.20	0.18	0.16	0.17	0.18	0.17	0.12	0.11	0.13	0.16
Nuclear	3.25	3.13	3.16	3.26	3.35	3.15	3.31	3.22	3.40	3.45	3.51	3.80	4.83	6.67	6.79
Renewables	0.10	0.09	0.63	0.67	0.71	0.60	0.59	0.67	0.65	0.73	0.60	0.69	0.85	1.16	1.50
Industrial waste				0.04	0.04	0.03	0.04	0.04	0.04	0.15	0.13	0.13	0.13	0.07	0.10
Net Imports	7.63	7.13	6.96	6.81	7.73	8.42	10.28	10.33	10.43	9.52	9.30	10.57	10.91	10.93	11.04
Solid fuels	-5.68	-5.26	-6.03	-5.97	-5.74	-5.78	-5.16	-4.98	-5.13	-5.37	-4.75	-4.43	-3.80	-3.59	-3.35
Oil	8.59	7.10	7.79	7.28	7.69	7.74	7.89	7.80	8.16	7.73	7.43	8.08	7.77	8.22	8.78
Gas	4.79	5.51	5.47	5.68	5.81	6.42	7.55	7.61	7.61	7.44	7.48	7.74	7.92	7.70	7.09
Electricity	-0.06	-0.22	-0.26	-0.18	-0.04	0.04	0.00	-0.10	-0.21	-0.28	-0.86	-0.82	-0.98	-1.39	-1.35
Renewables															-0.14
Derived heat															0.00
Gross Inland Consumption	47.37	42.99	43.29	41.88	40.27	40.60	41.92	42.37	40.90	37.95	40.31	41.16	41.39	43.53	43.56
Solid fuels	29.87	27.49	25.97	24.62	22.67	22.36	22.31	23.07	21.15	18.03	21.65	21.04	20.47	20.60	19.49
Oil	8.96	7.44	8.00	7.55	7.76	7.88	8.13	7.80	8.19	8.15	7.79	8.28	8.32	8.58	9.38
Gas	5.25	5.06	5.80	5.93	5.79	6.55	7.54	7.67	7.69	7.73	7.50	8.03	7.76	7.84	7.79
Nuclear	3.25	3.13	3.16	3.26	3.35	3.15	3.31	3.22	3.40	3.45	3.51	3.80	4.83	6.67	6.79
Renewables	0.10	0.09	0.63	0.67	0.71	0.60	0.59	0.67	0.65	0.73	0.60	0.69	0.85	1.16	1.36
Other	-0.06	-0.22	-0.26	-0.15	0.00	0.06	0.04	-0.07	-0.17	-0.13	-0.73	-0.69	-0.85	-1.32	-1.25
Elec. Generation (TWh)	62.56	60.53	59.29	58.88	58.71	60.85	64.26	64.60	65.11	64.69	73.47	74.65	76.35	83.22	84.32
Coal (TWh)	47.02	45.60	43.91	43.14	42.15	44.33	45.65	46.11	45.60	44.21	52.54	52.42	50.01	50.97	49.65
Oil (TWh)	0.54	0.53	0.53	0.37	0.49	0.59	0.73	0.63	0.62	0.43	0.37	0.39	0.38	0.37	0.35
Gas (TWh)	0.97	0.95	0.97	0.86	0.90	1.00	2.23	2.76	3.24	3.65	3.93	3.91	3.69	3.73	4.70
Nuclear (TWh)	12.59	12.13	12.25	12.63	12.98	12.23	12.85	12.49	13.18	13.36	13.59	14.75	18.74	25.87	26.33
Renewables (TWh) (*)	1.16	1.09	1.40	1.59	1.77	2.41	2.26	2.19	1.98	1.68	1.76	2.05	2.49	1.38	2.76
Other (TWh)	0.29	0.23	0.24	0.29	0.41	0.29	0.53	0.42	0.50	1.37	1.28	1.13	1.04	0.91	0.54
Final Energy Consumption	36.27	31.41	30.00	27.73	24.61	24.08	25.76	25.69	24.43	21.69	22.39	22.51	23.43	25.22	25.78
by fuel/product															
Solid fuels	17.79	14.29	11.77	8.83	5.71	4.84	5.59	5.64	4.43	2.50	3.65	2.74	3.80	4.23	4.29
Oil	6.23	5.48	5.96	5.78	5.69	5.02	5.05	5.02	5.49	5.35	5.29	5.37	5.72	6.28	6.68
Gas	5.15	4.70	5.02	5.61	5.62	6.12	6.53	6.78	6.81	6.50	6.42	7.00	6.59	6.76	6.65
Electricity	4.14	3.82	3.73	3.69	3.86	4.13	4.32	4.26	4.20	4.13	4.24	4.37	4.37	4.50	4.63
Renewables				0.51	0.49	0.48	0.31	0.31	0.33	0.32	0.25	0.15	0.22	0.35	0.82
Other	2.96	3.12	3.00	3.32	3.26	3.66	3.96	3.66	3.17	2.96	2.63	2.80	2.60	2.71	2.72
by sector															
Industry	19.22	15.69	16.45	14.91	11.57	11.13	12.42	12.47	11.34	7.96	8.52	8.03	9.31	9.40	9.85
Transport	2.80	2.42	2.99	2.98	3.25	2.84	3.70	3.73	3.83	4.65	4.72	4.99	5.14	5.79	6.17
Households	8.63	8.00	6.64	5.41	5.38	5.67	6.35	6.09	5.61	5.31	5.26	5.73	5.34	5.99	5.84
Commerce, etc.	5.62	5.30	3.92	4.43	4.42	4.44	3.29	3.40	3.64	3.78	3.89	3.77	3.63	4.04	3.93
Non-Energy Uses	1.68	1.05	1.12	0.97	1.35	2.13	2.19	1.99	2.01	2.06	1.96	2.22	1.77	1.79	2.34
CO₂ Emissions (Mt) (**)	155	140	131	127	113	111	120	119	113	104	111	109	112	116	117
Energy intensity (toe/M€'00)	803	825	835	807	759	722	716	729	712	653	667	664	658	670	641
CO₂ intensity (tCO₂/toe)	3.27	3.25	3.03	3.04	2.82	2.74	2.86	2.82	2.77	2.75	2.74	2.66	2.71	2.67	2.70
Import dependency, %	16.1	16.6	16.1	16.3	19.2	20.7	24.5	24.4	25.5	25.1	23.1	25.7	26.3	25.1	25.3
Energy per capita (kgoe/cap)	4571	4170	4196	4054	3896	3930	4064	4112	3973	3690	3924	4026	4058	4267	4268
CO₂ per capita (kg/cap)	14943	13558	12694	12306	10967	10782	11643	11579	11000	10156	10761	10710	10978	11374	11505

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Denmark

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	10.04	11.93	12.93	13.83	15.04	15.56	17.66	20.19	20.32	23.71	27.60	27.01	28.42	28.29	30.87
Solid fuels															
Oil	6.07	7.15	7.92	8.37	9.25	9.33	10.31	11.39	11.67	14.78	18.14	17.25	18.52	18.52	19.65
Gas	2.77	3.48	3.63	4.01	4.34	4.70	5.71	7.05	6.83	7.02	7.41	7.59	7.60	7.20	8.49
Nuclear															
Renewables	1.20	1.31	1.38	1.45	1.45	1.53	1.63	1.75	1.81	1.90	2.04	2.17	2.30	2.56	2.73
Industrial waste															
Net Imports	8.61	8.22	7.38	5.72	5.95	7.54	5.64	3.93	1.57	-3.26	-7.08	-5.70	-8.53	-6.87	-9.97
Solid fuels	6.22	7.78	7.38	6.34	6.92	7.66	7.71	8.03	4.77	4.16	3.78	4.06	3.70	5.57	4.42
Oil	2.71	1.86	1.05	0.72	0.94	1.43	0.94	-0.70	-0.34	-4.69	-8.10	-6.75	-9.16	-9.25	-10.65
Gas	-0.93	-1.25	-1.37	-1.44	-1.50	-1.50	-1.71	-2.79	-2.52	-2.57	-2.88	-3.05	-2.98	-2.59	-3.69
Electricity	0.61	-0.17	0.32	0.10	-0.42	-0.07	-1.32	-0.62	-0.37	-0.20	0.06	-0.05	-0.18	-0.73	-0.25
Renewables					0.00	0.01	0.01	0.01	0.02	0.04	0.06	0.08	0.10	0.14	0.19
Derived heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gross Inland Consumption	17.85	19.76	18.90	19.54	20.25	20.24	22.83	21.31	20.96	20.21	19.64	20.17	19.77	20.57	19.99
Solid fuels	6.09	8.23	6.78	7.28	7.77	6.50	8.88	6.66	5.66	4.61	3.99	4.20	4.19	5.67	4.36
Oil	8.14	8.34	8.25	8.25	8.70	9.10	9.90	9.58	9.57	9.37	9.04	9.13	8.74	8.28	8.32
Gas	1.82	2.06	2.16	2.45	2.74	3.17	3.73	3.93	4.27	4.49	4.45	4.63	4.63	4.66	4.63
Nuclear															
Renewables	1.20	1.31	1.38	1.45	1.45	1.54	1.64	1.76	1.83	1.94	2.10	2.26	2.40	2.70	2.93
Other	0.61	-0.17	0.32	0.10	-0.42	-0.07	-1.32	-0.62	-0.37	-0.20	0.06	-0.05	-0.18	-0.73	-0.25
Elec. Generation (TWh)	25.82	36.49	31.11	33.78	40.11	36.79	53.56	44.31	41.10	38.90	36.04	37.70	39.27	46.15	40.46
Coal (TWh)	23.32	33.72	27.81	29.55	32.74	27.65	39.65	28.71	23.65	20.08	16.67	17.82	18.26	25.31	18.68
Oil (TWh)	1.06	1.21	1.12	1.31	3.06	3.45	5.78	5.42	4.97	4.88	4.44	4.17	4.01	2.34	1.63
Gas (TWh)	0.66	0.51	0.78	1.26	2.33	3.56	5.71	6.86	8.17	9.08	8.81	9.26	9.59	9.77	10.00
Nuclear (TWh)															
Renewables (TWh) (*)	0.78	1.05	1.41	1.66	1.97	2.09	2.40	3.28	4.30	4.86	6.03	6.44	7.41	8.73	10.15
Other (TWh)				0.00		0.04	0.02	0.04	0.01		0.10				
Final Energy Consumption	13.49	14.13	13.98	14.43	14.44	14.75	15.39	15.02	14.99	14.93	14.60	14.96	14.66	14.96	15.17
by fuel/product															
Solid fuels	0.40	0.46	0.41	0.44	0.43	0.41	0.38	0.38	0.35	0.32	0.29	0.24	0.22	0.23	0.26
Oil	7.10	7.21	7.03	7.10	7.08	7.13	7.34	7.19	7.15	7.17	6.95	7.01	6.91	7.01	7.18
Gas	1.16	1.30	1.34	1.52	1.54	1.69	1.81	1.76	1.76	1.77	1.68	1.78	1.66	1.75	1.71
Electricity	2.52	2.55	2.60	2.63	2.67	2.69	2.77	2.74	2.76	2.77	2.79	2.80	2.79	2.78	2.84
Renewables	0.57	0.60	0.61	0.63	0.60	0.60	0.60	0.61	0.57	0.59	0.64	0.69	0.67	0.73	0.72
Other	1.76	2.00	2.00	2.12	2.13	2.24	2.48	2.34	2.40	2.33	2.25	2.43	2.41	2.46	2.45
by sector															
Industry	2.71	2.88	2.87	2.88	2.95	3.04	3.05	3.06	3.03	3.03	2.94	2.98	2.85	2.86	2.92
Transport	4.01	4.08	4.14	4.19	4.39	4.45	4.55	4.61	4.67	4.74	4.72	4.75	4.72	4.90	5.14
Households	3.95	4.29	4.12	4.54	4.36	4.48	4.80	4.46	4.44	4.33	4.14	4.37	4.25	4.32	4.26
Commerce, etc.	2.82	2.88	2.85	2.82	2.75	2.77	2.99	2.89	2.84	2.84	2.80	2.86	2.84	2.88	2.85
Non-Energy Uses	0.29	0.28	0.29	0.29	0.29	0.29	0.31	0.30	0.27	0.29	0.28	0.24	0.25	0.26	0.28
CO₂ Emissions (Mt) (**)	52	61	56	58	62	59	73	64	60	56	52	54	53	57	52
Energy intensity (toe/M€'00)	133	145	136	141	138	134	147	133	128	121	113	115	113	116	111
CO₂ intensity (tCO₂/toe)	2.90	3.11	2.95	2.96	3.04	2.93	3.21	2.99	2.85	2.79	2.67	2.68	2.68	2.79	2.61
Import dependency, %	45.8	39.8	37.3	27.4	27.3	34.6	23.2	17.3	7.0	-15.2	-33.8	-26.8	-41.2	-31.9	-48.0
Energy per capita (kgoe/cap)	3473	3834	3655	3766	3890	3871	4339	4031	3953	3798	3679	3764	3678	3817	3701
CO₂ per capita (kg/cap)	10059	11925	10782	11150	11832	11334	13915	12059	11246	10608	9823	10077	9872	10658	9672

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Germany

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	186.21	165.50	160.31	148.92	142.04	141.68	139.80	139.67	133.10	135.50	133.36	134.85	135.50	135.80	136.78
Solid fuels	125.04	106.16	97.68	87.83	80.96	78.80	73.79	70.64	65.69	62.56	59.60	58.18	58.76	57.99	58.34
Oil	3.75	3.60	3.40	3.16	3.03	3.21	3.16	3.04	3.18	2.96	3.45	4.57	5.26	5.83	5.67
Gas	13.53	13.53	13.72	13.75	14.27	15.10	16.32	16.08	15.67	16.71	15.80	15.93	15.99	15.92	14.73
Nuclear	37.67	36.13	39.00	37.54	36.84	37.32	38.92	41.11	38.91	43.85	43.75	44.19	42.52	42.58	43.10
Renewables	5.72	5.54	5.85	5.93	6.19	6.34	6.58	7.71	8.36	8.64	9.73	10.42	11.60	12.29	13.76
Industrial waste	0.49	0.54	0.65	0.71	0.76	0.90	1.01	1.09	1.29	0.78	1.03	1.56	1.37	1.19	1.19
Net Imports	165.21	179.87	186.37	188.38	191.69	195.12	207.71	208.36	212.75	202.56	204.70	215.72	208.34	212.13	214.71
Solid fuels	3.27	7.17	9.47	9.13	9.75	10.99	12.41	14.86	17.32	17.35	21.60	25.76	24.12	24.75	27.71
Oil	120.13	129.33	133.00	131.80	132.11	130.81	135.78	135.54	139.44	127.82	125.97	131.44	123.30	125.23	121.33
Gas	41.75	43.42	44.36	47.38	49.63	52.90	59.98	58.16	56.04	57.30	56.87	58.20	60.07	62.44	65.89
Electricity	0.07	-0.05	-0.46	0.07	0.20	0.41	-0.45	-0.20	-0.05	0.09	0.26	0.31	0.86	-0.28	-0.23
Renewables															
Derived heat															
Gross Inland Consumption	354.48	347.06	340.03	338.22	335.51	338.02	349.10	345.47	344.48	338.42	340.23	352.16	344.87	346.80	347.74
Solid fuels	131.52	115.28	104.33	98.38	95.32	92.17	90.92	86.72	85.58	80.11	83.72	86.44	84.31	84.97	85.84
Oil	124.04	131.91	133.85	135.90	135.02	133.57	136.86	137.08	137.67	132.95	129.87	133.65	128.64	126.92	125.36
Gas	54.98	57.72	56.80	59.68	61.19	67.30	75.26	71.95	72.73	72.00	71.85	75.59	75.57	79.13	78.73
Nuclear	37.67	36.13	39.00	37.54	36.84	37.32	38.92	41.11	38.91	43.85	43.75	44.19	42.52	42.58	43.10
Renewables	5.72	5.54	5.85	5.93	6.19	6.34	6.58	7.71	8.36	8.64	9.73	10.42	11.60	12.29	13.76
Other	0.56	0.49	0.20	0.78	0.96	1.32	0.56	0.89	1.23	0.87	1.29	1.88	2.23	0.91	0.96
Elec. Generation (TWh)	453.59	539.56	537.39	526.39	527.71	536.24	555.00	551.57	556.71	555.47	571.55	586.34	571.65	599.80	606.97
Coal (TWh)	220.50	308.18	296.42	293.66	290.73	289.70	296.97	284.82	292.84	279.07	291.50	293.67	284.55	306.51	293.23
Oil (TWh)	10.85	14.76	13.22	10.09	8.77	8.98	7.97	6.87	6.38	5.85	4.79	4.77	4.34	4.68	10.14
Gas (TWh)	45.40	45.45	42.11	41.12	46.68	50.39	54.60	58.25	61.00	61.97	59.97	66.34	61.06	65.77	70.07
Nuclear (TWh)	152.47	147.43	158.80	153.48	151.20	154.09	161.61	170.33	161.64	170.00	169.61	171.31	164.84	165.06	167.07
Renewables (TWh) (*)	20.60	18.27	20.99	21.52	23.03	25.24	26.11	23.82	26.95	30.43	38.73	38.44	46.67	48.60	58.15
Other (TWh)	3.78	5.47	5.85	6.52	7.29	7.84	7.74	7.49	7.90	8.15	6.97	11.81	10.19	9.18	8.31
Final Energy Consumption	227.14	224.16	218.41	219.36	217.08	222.36	230.92	226.16	224.48	219.94	228.72	232.28	227.03	230.12	229.92
by fuel/product															
Solid fuels	37.14	26.08	19.96	17.25	15.97	14.91	13.77	13.39	11.82	10.49	10.95	10.62	10.25	10.35	10.57
Oil	96.74	103.09	104.82	106.87	103.69	104.47	106.42	105.42	104.59	101.25	98.05	100.78	96.21	93.33	90.47
Gas	42.72	45.73	45.62	47.59	48.04	52.59	59.83	54.75	54.80	54.87	58.01	56.70	56.57	61.63	63.05
Electricity	38.39	37.38	36.83	36.48	38.32	38.91	39.38	39.70	40.11	40.20	41.50	43.45	42.89	43.79	44.14
Renewables	2.99	2.85	2.68	2.70	2.73	2.73	2.78	4.15	4.44	4.39	4.78	5.31	5.68	5.59	5.91
Other	9.15	9.03	8.50	8.47	8.33	8.74	8.74	8.74	8.74	8.74	15.43	15.43	15.43	15.43	15.80
by sector															
Industry	71.43	64.65	61.22	58.04	58.76	61.97	60.63	58.42	57.74	56.55	60.84	59.46	58.66	58.10	58.35
Transport	58.82	59.22	61.26	62.80	62.01	62.91	62.62	63.77	64.86	66.90	65.98	64.61	64.18	62.41	62.61
Households	57.56	63.30	58.45	63.57	61.29	62.99	68.69	68.39	67.00	62.78	72.26	76.79	73.90	76.91	77.02
Commerce, etc.	39.33	36.99	37.48	34.95	35.02	34.49	38.99	35.57	34.88	33.71	29.64	31.42	30.29	32.69	31.94
Non-Energy Uses	22.93	21.40	21.81	21.05	23.04	22.91	23.19	23.95	25.07	24.45	25.27	24.95	24.62	24.86	25.24
CO₂ Emissions (Mt) (**)	946	922	883	872	859	862	870	837	835	818	826	843	858	845	840
Energy intensity (toe/M€'00)	204	197	189	189	183	181	185	180	176	169	165	169	165	166	164
CO₂ intensity (tCO₂/toe)	2.67	2.66	2.60	2.58	2.56	2.55	2.49	2.42	2.43	2.42	2.43	2.39	2.49	2.44	2.42
Import dependency, %	46.3	51.5	54.5	55.3	56.8	57.4	59.2	59.9	61.4	59.5	59.8	60.9	60.0	60.7	61.3
Energy per capita (kgoe/cap)	4467	4339	4219	4166	4121	4139	4263	4210	4200	4123	4140	4277	4181	4203	4215
CO₂ per capita (kg/cap)	11917	11524	10951	10747	10550	10557	10629	10206	10184	9962	10056	10240	10399	10241	10187

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Estonia

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	5.47	4.83	4.52	3.35	3.48	3.35	3.72	3.63	3.24	2.99	3.17	3.42	3.62	4.14	4.03
Solid fuels	5.02	4.37	4.06	2.91	2.97	2.86	3.14	3.05	2.73	2.47	2.67	2.62	2.81	3.24	3.03
Oil							0.00	0.00		0.01	0.00	0.25	0.27	0.29	0.31
Gas															
Nuclear															
Renewables	0.45	0.45	0.45	0.44	0.51	0.49	0.58	0.59	0.51	0.51	0.50	0.55	0.54	0.61	0.69
Industrial waste															
Net Imports	4.46	4.02	2.30	2.06	2.21	1.93	1.89	1.88	2.04	1.88	1.47	1.66	1.49	1.48	1.65
Solid fuels	0.70	0.68	0.55	0.35	0.38	0.29	0.17	0.28	0.25	0.26	0.27	0.20	0.09	0.18	0.21
Oil	3.14	2.52	1.38	1.53	1.47	1.18	1.22	1.12	1.23	1.10	0.63	0.81	0.88	0.85	0.90
Gas	1.22	1.23	0.65	0.32	0.46	0.52	0.58	0.56	0.59	0.58	0.66	0.71	0.60	0.68	0.77
Electricity	-0.60	-0.41	-0.28	-0.14	-0.10	-0.07	-0.07	-0.08	-0.03	-0.05	-0.08	-0.05	-0.06	-0.16	-0.15
Renewables											0.00	-0.01	-0.02	-0.07	-0.08
Derived heat															
Gross Inland Consumption	9.88	9.19	6.84	5.34	5.54	5.28	5.60	5.51	5.22	4.88	4.56	5.10	4.96	5.41	5.64
Solid fuels	5.94	5.36	4.68	3.31	3.31	3.30	3.41	3.37	3.06	2.83	2.97	2.91	2.85	3.33	3.34
Oil	2.86	2.56	1.32	1.40	1.34	1.03	1.10	1.07	1.09	1.02	0.51	0.99	1.06	1.04	1.08
Gas	1.22	1.23	0.65	0.32	0.46	0.52	0.58	0.56	0.59	0.58	0.66	0.71	0.60	0.68	0.77
Nuclear															
Renewables	0.46	0.46	0.46	0.45	0.53	0.48	0.58	0.59	0.51	0.51	0.50	0.54	0.52	0.52	0.61
Other	-0.60	-0.41	-0.28	-0.14	-0.10	-0.07	-0.07	-0.08	-0.03	-0.05	-0.08	-0.05	-0.06	-0.16	-0.15
Elec. Generation (TWh)	17.18	14.63	11.83	9.12	9.15	8.69	9.10	9.22	8.52	8.27	8.51	8.48	8.53	10.15	10.30
Coal (TWh)	14.92	12.58	10.65	8.17	8.68	8.38	8.80	8.79	7.96	7.65	7.68	7.66	7.75	9.37	9.52
Oil (TWh)	1.44	1.27	0.53	0.62	0.13	0.10	0.10	0.18	0.26	0.30	0.06	0.04	0.03	0.04	0.04
Gas (TWh)	0.82	0.77	0.65	0.33	0.34	0.20	0.20	0.24	0.29	0.31	0.76	0.77	0.71	0.70	0.68
Nuclear (TWh)															
Renewables (TWh) (*)			0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.04	0.04	0.05
Other (TWh)															
Final Energy Consumption	6.00	5.70	3.37	2.85	2.84	2.49	2.89	2.97	2.61	2.36	2.36	2.52	2.59	2.66	2.75
by fuel/product															
Solid fuels	0.69	0.48	0.24	0.13	0.13	0.19	0.22	0.15	0.13	0.10	0.12	0.13	0.09	0.07	0.09
Oil	1.80	1.67	0.92	0.99	0.94	0.86	0.91	1.01	0.86	0.75	0.75	0.84	0.93	0.92	0.93
Gas	0.44	0.46	0.14	0.13	0.12	0.19	0.21	0.21	0.20	0.12	0.13	0.17	0.18	0.27	0.21
Electricity	0.59	0.58	0.49	0.36	0.41	0.39	0.42	0.44	0.44	0.41	0.43	0.44	0.45	0.48	0.51
Renewables	0.40	0.40	0.18	0.17	0.25	0.27	0.51	0.51	0.42	0.42	0.42	0.43	0.42	0.42	0.49
Other	2.09	2.12	1.41	1.07	1.00	0.59	0.63	0.64	0.57	0.56	0.51	0.50	0.51	0.49	0.52
by sector															
Industry	2.73	2.55	1.35	1.24	1.04	0.78	0.85	0.75	0.66	0.50	0.53	0.58	0.52	0.59	0.62
Transport	0.84	0.77	0.40	0.42	0.49	0.49	0.53	0.68	0.58	0.58	0.58	0.65	0.68	0.64	0.47
Households	1.27	1.15	0.75	0.74	0.88	0.97	1.19	1.20	1.04	0.96	0.93	0.94	0.95	0.97	1.16
Commerce, etc.	1.16	1.24	0.88	0.46	0.44	0.25	0.32	0.33	0.33	0.32	0.33	0.35	0.43	0.46	0.49
Non-Energy Uses	0.07	0.06	0.18	0.10	0.20	0.21	0.21	0.20	0.23	0.21	0.22	0.22	0.13	0.15	0.24
CO₂ Emissions (Mt) (**)	37	32	23	18	18	16	17	16	15	14	14	14	14	16	17
Energy intensity (toe/M€'00)				1211	1277	1164	1183	1048	951	886	768	806	732	748	723
CO₂ intensity (tCO₂/toe)	3.76	3.45	3.32	3.46	3.28	3.02	3.00	2.92	2.92	2.92	3.05	2.79	2.82	2.89	2.96
Import dependency, %	44.3	42.7	33.0	37.6	39.0	36.0	33.2	33.4	38.2	37.4	31.6	31.9	29.3	26.8	28.5
Energy per capita (kgoe/cap)	6294	5888	4460	3573	3786	3673	3955	3937	3769	3548	3329	3737	3654	3996	4180
CO₂ per capita (kg/cap)	23633	20333	14809	12365	12420	11078	11879	11496	11001	10350	10145	10438	10315	11561	12363

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Greece

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	9.15	9.06	8.97	8.80	9.15	9.70	10.14	9.92	10.04	9.46	9.95	9.94	10.67	9.98	10.27
Solid fuels	7.08	6.86	7.00	6.96	7.36	7.91	8.20	8.07	8.35	8.00	8.22	8.39	8.91	8.18	8.55
Oil	0.83	0.83	0.69	0.56	0.53	0.46	0.51	0.47	0.32	0.02	0.28	0.19	0.32	0.22	0.13
Gas	0.14	0.14	0.13	0.09	0.05	0.04	0.05	0.04	0.04	0.00	0.04	0.04	0.04	0.03	0.03
Nuclear															
Renewables	1.10	1.23	1.16	1.18	1.20	1.29	1.37	1.34	1.33	1.44	1.40	1.32	1.40	1.55	1.56
Industrial waste															
Net Imports	15.41	15.62	17.74	17.24	15.80	18.21	18.83	19.20	21.11	19.74	21.98	22.32	23.20	22.47	24.59
Solid fuels	0.99	0.93	1.40	0.88	0.98	0.92	1.17	0.76	0.85	0.73	0.77	0.86	0.63	0.42	0.46
Oil	14.37	14.63	16.29	16.28	14.78	17.21	17.54	18.11	19.43	17.78	19.53	19.58	20.57	19.87	21.71
Gas							0.01	0.13	0.69	1.22	1.69	1.67	1.75	2.00	2.17
Electricity	0.06	0.06	0.05	0.07	0.03	0.07	0.12	0.20	0.14	0.01	0.00	0.21	0.25	0.18	0.24
Renewables															
Derived heat															
Gross Inland Consumption	22.28	22.41	23.04	22.61	23.61	24.14	25.41	25.59	26.88	26.76	28.08	28.94	29.72	30.16	30.63
Solid fuels	8.09	7.72	8.18	7.96	8.48	8.78	8.95	8.82	9.16	8.52	9.04	9.31	9.32	8.91	9.10
Oil	12.88	13.27	13.52	13.30	13.85	13.95	14.91	15.06	15.53	15.56	15.93	16.41	16.95	17.50	17.50
Gas	0.14	0.14	0.13	0.09	0.05	0.04	0.05	0.17	0.73	1.22	1.70	1.68	1.80	2.03	2.23
Nuclear															
Renewables	1.10	1.23	1.16	1.18	1.20	1.29	1.37	1.34	1.33	1.44	1.40	1.32	1.40	1.55	1.56
Other	0.06	0.06	0.05	0.07	0.03	0.07	0.12	0.20	0.14	0.01	0.00	0.21	0.25	0.18	0.24
Elec. Generation (TWh)	35.00	35.82	37.41	38.40	40.62	41.55	42.56	43.51	46.33	49.86	53.84	53.70	54.61	58.47	59.34
Coal (TWh)	25.17	23.70	26.61	27.80	29.58	28.70	29.30	30.63	32.44	32.38	34.31	35.43	34.57	35.17	35.38
Oil (TWh)	7.74	8.85	8.19	7.84	8.01	8.86	8.53	8.30	8.08	8.16	8.89	8.48	8.63	8.71	8.39
Gas (TWh)	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.33	1.71	3.91	5.92	6.13	7.06	8.00	8.99
Nuclear (TWh)															
Renewables (TWh) (*)	1.77	3.10	2.21	2.33	2.64	3.56	4.38	3.92	3.79	4.98	4.14	2.93	3.58	5.89	5.92
Other (TWh)	0.23	0.07	0.32	0.35	0.32	0.36	0.26	0.33	0.31	0.43	0.58	0.73	0.77	0.71	0.67
Final Energy Consumption	14.53	14.70	14.96	15.21	15.35	15.81	16.87	17.26	18.16	18.16	18.51	19.11	19.50	20.48	20.25
by fuel/product															
Solid fuels	1.07	1.10	1.04	1.10	1.09	1.08	1.08	0.96	0.96	0.77	0.89	0.90	0.75	0.60	0.56
Oil	10.04	10.10	10.29	10.43	10.45	10.80	11.72	12.02	12.67	12.63	12.58	12.99	13.32	14.24	13.88
Gas	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.08	0.14	0.20	0.26	0.32	0.35	0.39	0.46
Electricity	2.45	2.52	2.64	2.68	2.81	2.93	3.06	3.19	3.38	3.51	3.71	3.83	4.00	4.18	4.28
Renewables	0.95	0.96	0.97	0.98	0.98	0.98	1.00	1.00	1.00	1.01	1.05	1.04	1.05	1.02	1.03
Other										0.03	0.03	0.03	0.03	0.05	0.04
by sector															
Industry	3.95	3.77	3.83	3.72	3.75	4.11	4.31	4.34	4.42	4.15	4.44	4.50	4.46	4.30	4.04
Transport	5.81	5.98	6.15	6.45	6.44	6.43	6.56	6.73	7.29	7.45	7.20	7.36	7.46	7.80	7.96
Households	3.05	3.13	3.16	3.15	3.20	3.33	3.94	4.05	4.18	4.22	4.47	4.68	4.90	5.47	5.37
Commerce, etc.	1.71	1.82	1.82	1.88	1.95	1.94	2.06	2.15	2.26	2.33	2.41	2.57	2.68	2.90	2.87
Non-Energy Uses	0.65	0.57	0.52	0.47	0.42	0.44	0.45	0.50	0.60	0.56	0.69	0.66	0.71	0.76	0.83
CO₂ Emissions (Mt) (**)	71	71	73	73	76	78	82	83	86	83	89	91	94	94	94
Energy intensity (toe/M€'00)	223	218	222	222	227	227	234	227	231	222	223	219	216	210	203
CO₂ intensity (tCO₂/toe)	3.20	3.16	3.18	3.24	3.21	3.25	3.24	3.24	3.19	3.09	3.18	3.15	3.15	3.13	3.07
Import dependency, %	62.1	63.1	69.0	67.0	58.7	65.8	66.0	66.9	69.6	66.1	69.5	68.9	70.7	67.4	72.7
Energy per capita (kgoe/cap)	2193	2187	2232	2178	2264	2270	2372	2374	2480	2459	2572	2643	2705	2736	2768
CO₂ per capita (kg/cap)	7013	6904	7106	7064	7258	7365	7678	7699	7907	7594	8171	8317	8532	8568	8501

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Spain

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	33.72	33.43	32.35	32.22	31.97	31.36	32.12	30.83	31.45	30.47	31.34	33.07	31.59	33.09	32.40
Solid fuels	11.68	10.94	11.42	11.06	10.55	10.17	10.00	9.89	9.31	8.57	7.74	7.36	7.45	6.97	6.45
Oil	0.79	1.06	1.07	0.87	0.94	0.78	0.51	0.37	0.52	0.30	0.23	0.34	0.31	0.32	0.25
Gas	1.27	1.19	1.09	0.60	0.18	0.38	0.43	0.16	0.10	0.13	0.15	0.47	0.47	0.20	0.31
Nuclear	13.70	14.03	13.59	14.04	14.27	14.30	13.99	13.51	14.42	15.18	16.05	16.43	16.26	15.96	16.41
Renewables	6.26	6.18	5.15	5.62	6.00	5.60	7.06	6.74	6.94	6.13	7.03	8.32	7.11	9.64	8.98
Industrial waste	0.02	0.02	0.02	0.03	0.04	0.12	0.13	0.16	0.16	0.16	0.16	0.16			
Net Imports	59.86	63.61	66.96	63.29	68.41	75.42	73.85	80.23	87.55	94.43	98.35	98.76	107.04	107.76	114.06
Solid fuels	7.04	8.51	9.46	8.13	7.58	9.15	7.78	7.04	8.79	11.88	12.64	11.09	14.38	12.78	14.17
Oil	49.17	50.77	52.60	49.95	54.18	58.36	57.67	61.91	66.41	68.15	69.87	71.55	73.27	73.70	75.53
Gas	3.69	4.40	4.84	5.09	6.49	7.52	8.31	11.54	12.06	13.90	15.47	15.83	18.93	21.17	24.62
Electricity	-0.04	-0.06	0.06	0.11	0.16	0.39	0.09	-0.26	0.29	0.49	0.38	0.30	0.46	0.11	-0.26
Renewables															
Derived heat															
Gross Inland Consumption	89.40	94.16	95.16	91.40	97.11	102.21	100.83	106.05	111.10	117.57	122.70	126.25	129.89	134.29	140.25
Solid fuels	18.94	19.91	20.78	19.23	18.92	19.52	16.37	18.52	17.77	20.09	20.64	18.46	21.69	20.16	21.10
Oil	45.55	48.48	49.71	46.63	51.43	54.56	54.54	56.09	59.90	62.23	63.22	66.18	65.63	67.06	68.85
Gas	4.97	5.60	5.85	5.74	6.30	7.72	8.64	11.31	11.61	13.29	15.22	16.40	18.75	21.35	25.17
Nuclear	13.70	14.03	13.59	14.04	14.27	14.30	13.99	13.51	14.42	15.18	16.05	16.43	16.26	15.96	16.41
Renewables	6.26	6.18	5.15	5.62	6.00	5.60	7.06	6.74	6.94	6.13	7.03	8.32	7.11	9.64	8.98
Other	-0.02	-0.04	0.08	0.14	0.20	0.51	0.22	-0.11	0.45	0.65	0.54	0.45	0.46	0.11	-0.26
Elec. Generation (TWh)	151.84	155.72	158.64	157.07	161.78	167.33	174.24	190.24	195.07	209.03	225.15	237.99	246.08	262.90	279.99
Coal (TWh)	59.73	58.80	64.22	62.76	61.57	65.91	53.94	62.83	61.59	73.61	79.10	70.43	81.18	74.72	79.11
Oil (TWh)	8.60	10.16	14.33	9.54	10.51	14.62	13.92	14.10	17.50	24.45	22.64	24.60	28.59	24.00	23.84
Gas (TWh)	2.44	2.28	2.63	2.17	4.28	4.92	7.49	19.32	17.79	20.82	22.46	24.66	33.66	40.60	56.68
Nuclear (TWh)	54.27	55.58	55.78	56.06	55.31	55.46	56.33	55.30	58.99	58.85	62.21	63.71	63.02	61.88	63.61
Renewables (TWh) (*)	26.03	27.90	19.66	25.14	29.11	24.59	41.48	36.87	37.00	27.38	36.02	49.95	34.71	57.43	50.22
Other (TWh)	0.77	1.01	2.01	1.40	1.00	1.83	1.07	1.82	2.20	3.92	2.73	4.65	4.92	4.27	6.54
Final Energy Consumption	56.65	60.08	59.95	59.37	62.28	63.54	65.26	67.99	71.75	74.27	79.42	83.29	85.41	90.26	94.32
by fuel/product															
Solid fuels	3.52	3.88	3.51	2.64	2.59	2.23	1.97	2.03	1.81	1.70	1.67	1.80	1.80	1.83	1.87
Oil	33.49	36.22	36.25	36.20	38.90	38.97	39.92	40.70	42.97	43.86	45.78	47.24	48.16	50.16	52.10
Gas	4.87	5.21	5.56	5.89	5.61	6.84	7.29	8.16	9.13	9.89	12.14	13.40	14.08	15.68	16.76
Electricity	10.82	11.06	11.24	11.24	11.78	12.12	12.66	13.67	14.27	15.24	16.20	17.28	17.76	18.92	19.83
Renewables	3.93	3.69	3.37	3.38	3.39	3.26	3.28	3.29	3.41	3.43	3.47	3.48	3.61	3.68	3.76
Other	0.01	0.01	0.01	0.02	0.02	0.12	0.14	0.15	0.15	0.16	0.16	0.08			
by sector															
Industry	20.01	20.20	19.44	19.22	19.84	20.47	19.78	21.67	22.54	22.34	25.47	27.15	28.10	29.54	30.66
Transport	22.33	24.17	24.86	24.57	25.68	26.07	27.75	28.01	30.46	31.89	32.86	34.24	34.88	36.73	38.40
Households	9.27	10.16	9.84	9.80	10.25	9.99	10.55	10.73	11.07	11.77	11.87	12.46	12.80	13.77	14.37
Commerce, etc.	5.04	5.55	5.80	5.78	6.50	7.01	7.18	7.57	7.68	8.26	9.22	9.43	9.62	10.22	10.89
Non-Energy Uses	5.85	6.39	6.24	5.51	6.78	8.01	6.69	7.65	8.66	8.56	9.10	9.42	8.93	8.79	8.22
CO₂ Emissions (Mt) (**)	204	216	225	212	221	226	225	244	250	272	284	285	304	307	326
Energy intensity (toe/M€'00)	187	192	192	187	194	198	191	193	194	196	195	193	194	195	197
CO₂ intensity (tCO₂/toe)	2.28	2.29	2.37	2.32	2.28	2.21	2.23	2.30	2.25	2.31	2.31	2.26	2.34	2.29	2.32
Import dependency, %	64.2	64.9	67.6	66.8	68.3	71.6	70.1	71.8	74.8	76.5	76.5	74.3	78.3	76.3	77.4
Energy per capita (kgoe/cap)	2292	2409	2429	2328	2469	2595	2554	2679	2797	2945	3047	3100	3144	3197	3285
CO₂ per capita (kg/cap)	5219	5516	5748	5400	5623	5746	5694	6153	6287	6803	7053	6991	7360	7308	7632

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for France

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	110.43	117.22	118.69	125.79	122.78	126.84	130.79	127.93	124.76	126.99	131.30	132.27	133.78	135.44	136.41
Solid fuels	7.63	7.36	6.79	6.08	5.44	5.36	4.89	4.09	3.42	3.18	2.27	1.46	1.12	1.23	0.54
Oil	3.49	3.55	3.44	4.02	3.76	3.48	3.14	2.85	2.44	2.81	2.88	2.28	2.01	2.10	1.75
Gas	2.52	2.86	2.78	2.88	2.94	2.79	2.41	2.13	1.84	1.67	1.50	1.51	1.45	1.28	1.11
Nuclear	81.02	85.47	87.30	94.98	92.86	97.31	102.50	102.02	100.08	101.70	107.09	108.62	112.66	113.78	115.63
Renewables	15.78	17.99	18.37	17.83	17.77	17.90	17.86	16.84	16.98	17.64	17.56	18.40	16.54	17.05	17.38
Industrial waste															
Net Imports	120.03	126.59	124.06	115.82	110.76	116.05	124.29	122.06	131.56	131.54	133.46	135.91	136.83	138.05	139.76
Solid fuels	13.00	13.92	14.56	9.30	8.07	9.01	10.72	9.68	13.06	12.40	13.20	11.19	12.78	11.97	13.28
Oil	86.56	91.50	87.52	86.50	81.88	85.55	89.88	88.66	93.32	89.77	90.45	95.65	93.95	94.23	94.14
Gas	24.37	25.72	26.61	25.31	26.23	27.49	29.62	29.35	30.13	34.81	35.78	34.95	36.74	37.60	37.76
Electricity	-3.91	-4.55	-4.63	-5.28	-5.43	-6.01	-5.92	-5.62	-4.95	-5.43	-5.97	-5.88	-6.62	-5.71	-5.33
Renewables							-0.01	0.00			0.00	0.01	-0.01	-0.04	-0.08
Derived heat															
Gross Inland Consumption	226.55	238.88	237.68	240.32	230.79	239.90	254.09	246.96	254.55	254.24	258.48	266.21	266.19	270.37	273.70
Solid fuels	19.96	20.83	18.79	14.88	14.36	15.29	16.25	14.58	17.16	15.36	15.24	12.53	13.77	13.93	14.06
Oil	87.67	90.62	89.38	88.81	83.44	85.83	90.71	87.81	91.87	90.91	88.79	94.99	92.36	91.98	92.81
Gas	26.03	28.52	28.46	29.11	27.79	29.58	32.69	31.34	33.41	34.07	35.77	37.55	37.48	39.38	39.24
Nuclear	81.02	85.47	87.30	94.98	92.86	97.31	102.50	102.02	100.08	101.70	107.09	108.62	112.66	113.78	115.63
Renewables	15.78	17.99	18.37	17.83	17.77	17.90	17.86	16.84	16.98	17.64	17.56	18.41	16.52	17.01	17.30
Other	-3.91	-4.55	-4.63	-5.28	-5.43	-6.01	-5.92	-5.62	-4.95	-5.43	-5.97	-5.88	-6.62	-5.71	-5.33
Elec. Generation (TWh)	420.74	455.32	463.44	472.65	476.90	493.90	513.11	504.50	511.03	523.99	540.67	550.49	559.20	566.96	572.25
Coal (TWh)	31.47	39.61	34.23	20.95	20.89	24.18	28.04	22.18	33.53	29.28	27.43	20.45	23.71	27.71	25.81
Oil (TWh)	8.67	14.08	9.32	6.09	5.62	7.75	7.79	7.73	11.65	9.95	7.48	5.46	7.24	6.63	5.86
Gas (TWh)	6.98	6.65	6.68	7.29	6.88	6.15	7.09	8.59	8.76	10.00	14.83	17.74	20.15	21.33	21.15
Nuclear (TWh)	314.08	331.34	338.45	368.19	359.98	377.23	397.34	395.48	387.99	394.24	415.16	421.07	436.76	441.07	448.24
Renewables (TWh) (*)	55.54	59.03	71.26	67.20	81.37	75.63	67.79	66.86	65.14	75.84	71.09	78.61	66.02	65.02	65.99
Other (TWh)	4.00	4.61	3.50	2.93	2.17	2.96	5.07	3.67	3.96	4.67	4.68	7.16	5.33	5.20	5.20
Final Energy Consumption	135.67	142.10	143.22	142.89	138.17	141.24	148.62	145.65	150.82	150.72	151.62	158.82	154.39	158.01	157.90
by fuel/product															
Solid fuels	9.05	8.77	8.40	7.19	6.49	6.90	6.94	7.04	6.75	5.78	5.77	5.24	5.01	4.92	4.81
Oil	67.57	67.52	68.89	69.60	66.62	68.03	70.78	69.06	72.38	71.63	71.43	76.33	73.67	74.25	73.99
Gas	23.40	26.58	26.59	26.74	26.56	27.10	29.92	29.43	30.22	31.40	31.45	33.31	32.71	34.01	33.43
Electricity	25.96	27.61	28.38	28.57	28.99	29.46	30.57	30.54	31.57	32.22	33.11	34.01	33.81	35.10	35.76
Renewables	9.69	11.63	10.96	10.79	9.51	9.75	10.41	9.58	9.91	9.70	9.86	9.93	9.19	9.73	9.92
Other															
by sector															
Industry	36.43	36.08	36.82	35.60	34.73	37.05	37.16	36.42	36.91	35.58	36.07	38.06	37.75	37.39	35.89
Transport	41.91	41.56	42.58	44.56	43.60	44.12	46.10	47.14	49.65	49.73	51.60	51.79	51.73	51.26	50.14
Households	35.89	40.88	40.04	39.25	36.76	36.09	39.94	37.71	38.75	39.65	38.43	41.37	38.60	41.13	41.86
Commerce, etc.	21.44	23.59	23.78	23.48	23.07	23.98	25.42	24.38	25.52	25.76	25.53	27.60	26.31	28.22	30.01
Non-Energy Uses	13.08	16.47	16.30	15.19	15.93	16.59	16.85	18.54	16.48	16.52	15.67	14.69	14.37	14.12	14.57
CO₂ Emissions (Mt) (**)	354	368	363	346	334	345	362	356	381	373	371	381	374	382	382
Energy intensity (toe/M€'00)	193	202	197	201	189	192	201	191	190	184	179	181	179	180	178
CO₂ intensity (tCO₂/toe)	1.56	1.54	1.53	1.44	1.45	1.44	1.42	1.44	1.50	1.47	1.44	1.43	1.40	1.41	1.40
Import dependency, %	52.4	52.4	51.6	47.7	47.6	47.9	48.4	48.9	51.1	51.2	51.0	50.5	50.9	50.5	50.5
Energy per capita (kgoe/cap)	3895	4086	4045	4073	3898	4037	4261	4128	4239	4215	4261	4361	4333	4375	4402
CO₂ per capita (kg/cap)	6082	6297	6182	5871	5646	5806	6072	5943	6340	6177	6122	6246	6087	6186	6148

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Ireland

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	3.49	3.29	3.08	3.47	3.57	4.20	3.61	2.84	2.48	2.61	2.11	1.73	1.50	1.83	1.90
Solid fuels	1.45	1.20	1.02	1.15	1.19	1.78	1.26	0.74	0.81	1.25	0.89	0.81	0.53	1.02	0.89
Oil															
Gas	1.87	1.92	1.90	2.16	2.19	2.25	2.17	1.91	1.41	1.10	0.96	0.66	0.68	0.54	0.69
Nuclear															
Renewables	0.17	0.17	0.16	0.16	0.18	0.16	0.19	0.20	0.26	0.26	0.26	0.26	0.29	0.26	0.32
Industrial waste															
Net Imports	7.11	6.95	6.70	7.00	7.05	7.61	8.37	9.52	10.62	11.71	12.14	13.56	13.64	13.45	13.71
Solid fuels	2.10	2.08	1.95	1.87	1.54	1.83	1.78	1.99	1.82	1.52	1.70	1.82	1.79	1.66	1.81
Oil	5.01	4.86	4.75	5.13	5.50	5.70	6.12	6.67	7.40	8.28	7.96	8.84	8.80	8.56	8.81
Gas				0.00	0.00	0.08	0.48	0.87	1.40	1.89	2.48	2.93	3.00	3.13	2.96
Electricity						0.00	-0.01	0.00	0.01	0.02	0.01	-0.02	0.04	0.10	0.14
Renewables															
Derived heat															
Gross Inland Consumption	10.40	10.34	10.09	10.46	10.89	10.97	11.72	12.28	13.05	13.83	14.17	14.81	15.13	14.87	15.71
Solid fuels	3.59	3.42	3.24	3.13	2.96	2.90	3.00	2.90	2.85	2.52	2.57	2.61	2.56	2.52	2.31
Oil	4.77	4.83	4.79	5.01	5.55	5.57	5.89	6.41	7.12	8.03	7.91	8.37	8.56	8.34	9.29
Gas	1.87	1.92	1.90	2.16	2.19	2.33	2.65	2.77	2.80	3.00	3.44	3.58	3.68	3.65	3.64
Nuclear															
Renewables	0.17	0.17	0.16	0.16	0.18	0.16	0.19	0.20	0.26	0.26	0.26	0.26	0.29	0.26	0.32
Other						0.00	-0.01	0.00	0.01	0.02	0.01	-0.02	0.04	0.10	0.14
Elec. Generation (TWh)	14.51	15.15	16.01	16.40	17.11	17.86	19.18	19.96	21.16	22.05	23.98	24.96	25.20	25.22	25.57
Coal (TWh)	8.17	8.00	8.84	8.49	8.60	9.04	9.18	8.84	8.43	7.52	8.59	9.26	8.89	8.23	7.72
Oil (TWh)	1.43	2.43	2.47	2.34	2.84	2.68	2.69	3.47	4.85	6.17	4.64	5.20	3.74	2.45	3.23
Gas (TWh)	3.93	3.75	3.65	4.54	4.46	5.16	6.30	6.57	6.43	6.96	9.26	9.14	10.83	13.06	12.89
Nuclear (TWh)															
Renewables (TWh) (*)	0.69	0.75	0.82	0.78	0.94	0.73	0.76	0.76	1.17	1.12	1.19	1.03	1.38	1.12	1.38
Other (TWh)	0.29	0.22	0.23	0.25	0.28	0.26	0.26	0.33	0.27	0.29	0.30	0.32	0.35	0.36	0.35
Final Energy Consumption	7.27	7.26	7.15	7.42	7.73	7.85	8.23	8.66	9.31	9.83	10.52	10.93	11.04	11.26	11.53
by fuel/product															
Solid fuels	1.69	1.45	1.14	1.14	0.96	0.88	0.93	0.90	0.86	0.57	0.55	0.50	0.49	0.50	0.49
Oil	3.87	3.98	4.12	4.26	4.69	4.80	4.95	5.33	5.83	6.47	6.89	7.24	7.32	7.39	7.53
Gas	0.57	0.65	0.67	0.76	0.77	0.80	0.87	0.87	0.96	1.04	1.20	1.23	1.20	1.28	1.32
Electricity	1.02	1.07	1.14	1.17	1.22	1.28	1.36	1.44	1.52	1.62	1.74	1.80	1.88	1.94	1.98
Renewables	0.11	0.11	0.09	0.09	0.10	0.10	0.11	0.11	0.14	0.14	0.14	0.16	0.16	0.15	0.19
Other															
by sector															
Industry	1.76	1.80	1.69	1.75	1.80	1.86	1.84	1.95	2.00	2.08	2.28	2.25	2.23	2.13	2.13
Transport	1.98	2.04	2.14	2.27	2.30	2.34	2.64	2.84	3.29	3.68	4.01	4.27	4.38	4.43	4.60
Households	2.34	2.18	2.03	2.07	2.15	2.20	2.29	2.29	2.41	2.41	2.47	2.61	2.62	2.68	2.85
Commerce, etc.	1.18	1.24	1.29	1.33	1.48	1.45	1.46	1.58	1.61	1.67	1.76	1.80	1.81	2.03	1.94
Non-Energy Uses	0.62	0.64	0.61	0.56	0.61	0.55	0.58	0.65	0.64	0.58	0.55	0.64	0.61	0.24	0.28
CO₂ Emissions (Mt) (**)	30	31	31	31	32	33	35	36	38	40	41	44	43	43	43
Energy intensity (toe/M€'00)	199	194	183	185	182	167	165	154	151	145	136	134	129	121	122
CO₂ intensity (tCO₂/toe)	2.91	2.99	3.05	2.99	2.97	3.02	2.96	2.95	2.95	2.89	2.92	2.97	2.86	2.87	2.74
Import dependency, %	68.3	67.0	66.3	66.6	64.5	68.7	70.5	76.6	80.4	83.7	84.8	90.6	89.3	89.4	86.5
Energy per capita (kgoe/cap)	2966	2933	2843	2935	3050	3045	3233	3354	3515	3686	3730	3837	3854	3727	3869
CO₂ per capita (kg/cap)	8637	8758	8683	8776	9048	9193	9553	9895	10366	10655	10893	11388	11039	10703	10589

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Italy

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	25.54	26.17	27.37	28.46	29.77	29.41	30.35	30.53	30.38	29.30	27.10	25.93	26.77	28.05	29.33
Solid fuels	0.22	0.16	0.17	0.11	0.07	0.04	0.03	0.05	0.05	0.03	0.00		0.10	0.16	0.06
Oil	4.75	4.40	4.58	4.73	5.00	5.38	5.66	6.18	5.85	5.23	4.78	4.31	5.79	5.81	5.98
Gas	14.03	14.11	14.73	15.68	16.55	16.35	16.36	15.78	15.57	14.31	13.62	12.48	11.98	11.37	10.62
Nuclear															
Renewables	6.39	7.38	7.80	7.86	8.08	7.54	8.18	8.41	8.81	9.57	8.55	8.98	8.63	10.13	11.88
Industrial waste	0.15	0.12	0.09	0.08	0.08	0.10	0.11	0.11	0.11	0.16	0.14	0.16	0.28	0.57	0.79
Net Imports	132.06	131.11	131.38	126.15	126.01	134.65	134.43	134.42	140.24	143.64	152.95	147.72	152.58	155.91	159.07
Solid fuels	13.79	13.71	12.07	9.59	10.85	12.99	11.45	10.64	11.55	11.85	13.19	13.72	13.11	14.60	16.77
Oil	89.89	86.73	87.85	86.28	87.52	89.68	89.11	88.15	89.94	87.32	88.46	84.50	86.31	85.17	82.44
Gas	25.31	27.52	28.28	26.75	24.20	28.53	30.43	31.98	34.89	40.49	47.01	44.81	48.25	51.12	55.29
Electricity	2.98	3.02	3.04	3.39	3.23	3.22	3.21	3.34	3.50	3.61	3.81	4.16	4.35	4.38	3.92
Renewables	0.09	0.14	0.14	0.14	0.20	0.23	0.23	0.32	0.36	0.37	0.49	0.53	0.57	0.65	0.65
Derived heat															
Gross Inland Consumption	153.10	156.90	154.33	153.54	152.73	161.26	161.14	163.58	168.26	171.16	172.54	173.07	173.40	182.95	184.82
Solid fuels	14.62	13.72	12.09	10.38	11.39	12.27	11.24	11.25	11.75	11.79	12.66	13.51	13.72	14.92	16.58
Oil	89.86	91.05	90.06	89.74	89.21	93.25	92.09	92.67	92.60	90.08	88.95	87.63	88.42	88.66	84.97
Gas	39.00	41.48	41.11	41.95	40.54	44.65	46.07	47.49	51.13	55.57	57.94	58.10	57.44	63.62	66.02
Nuclear															
Renewables	6.48	7.52	7.94	8.00	8.28	7.77	8.42	8.73	9.18	9.94	9.03	9.51	9.20	10.79	12.53
Other	3.13	3.13	3.13	3.48	3.32	3.32	3.32	3.44	3.61	3.77	3.96	4.32	4.63	4.96	4.72
Elec. Generation (TWh)	216.88	222.05	225.92	222.41	231.50	241.11	244.07	250.77	259.05	264.99	276.62	279.00	284.40	293.89	303.33
Coal (TWh)	32.04	28.48	21.31	16.66	19.86	24.12	22.08	20.52	23.31	23.81	26.27	31.73	35.45	38.81	45.52
Oil (TWh)	102.71	104.29	116.02	113.92	116.31	120.80	117.09	113.31	107.31	91.38	85.88	75.01	87.77	75.99	58.89
Gas (TWh)	42.18	38.92	38.67	43.02	43.44	50.44	53.43	65.54	75.40	91.40	105.61	100.95	104.44	122.60	135.13
Nuclear (TWh)															
Renewables (TWh) (*)	35.02	45.69	45.92	45.38	48.37	41.62	46.44	46.45	46.89	52.00	51.20	55.08	47.96	47.19	55.35
Other (TWh)	4.93	4.67	4.00	3.45	3.54	4.13	5.04	4.95	6.15	6.41	7.67	16.22	8.80	9.29	8.44
Final Energy Consumption	107.16	110.08	110.39	110.59	108.91	113.71	114.46	115.46	118.70	123.30	123.25	126.00	125.06	129.97	131.21
by fuel/product															
Solid fuels	4.21	4.15	4.45	4.21	4.22	4.01	3.67	3.90	3.88	3.79	3.68	3.90	3.95	3.84	4.11
Oil	53.62	53.34	53.40	52.88	51.32	53.10	52.99	53.52	54.62	57.27	56.15	57.38	57.16	58.35	59.04
Gas	29.81	32.55	31.98	32.95	31.99	34.65	35.69	35.15	36.67	38.07	37.98	38.81	37.86	40.99	40.66
Electricity	18.41	18.82	19.16	19.24	19.86	20.44	20.65	21.31	21.90	22.44	23.43	23.85	24.27	25.02	25.37
Renewables	0.97	1.11	1.29	1.23	1.44	1.42	1.38	1.51	1.56	1.66	1.94	2.00	1.75	1.71	2.02
Other	0.14	0.11	0.09	0.08	0.08	0.08	0.08	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.06
by sector															
Industry	36.22	35.36	35.35	34.29	35.23	36.43	35.83	36.86	36.02	38.43	39.49	39.65	39.53	40.34	41.23
Transport	33.40	34.31	35.84	36.60	36.72	37.64	38.00	38.67	40.92	41.44	41.26	41.89	42.38	43.10	43.95
Households	26.28	28.49	27.22	27.11	24.58	26.67	27.26	26.55	27.85	29.49	28.33	29.60	28.36	29.78	30.05
Commerce, etc.	11.25	11.93	11.98	12.58	12.38	12.97	13.37	13.37	13.90	13.95	14.17	14.86	14.79	16.73	15.97
Non-Energy Uses	9.90	10.06	12.90	12.16	12.65	13.63	13.28	13.74	10.80	10.56	10.84	10.29	10.38	8.69	8.75
CO₂ Emissions (Mt) (**)	388	387	387	383	379	402	398	401	412	420	422	424	432	450	450
Energy intensity (toe/M€'00)	150	152	148	149	145	149	148	147	149	149	145	143	143	150	150
CO₂ intensity (tCO₂/toe)	2.53	2.47	2.51	2.49	2.48	2.49	2.47	2.45	2.45	2.45	2.45	2.45	2.49	2.46	2.43
Import dependency, %	84.8	82.2	83.8	80.9	81.3	82.3	82.3	81.0	82.1	82.8	87.3	84.0	86.5	83.8	84.5
Energy per capita (kgoe/cap)	2699	2763	2717	2702	2687	2837	2834	2875	2957	3007	3030	3038	3034	3176	3177
CO₂ per capita (kg/cap)	6833	6815	6814	6740	6667	7068	7004	7056	7233	7378	7409	7450	7555	7807	7731

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Cyprus

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.10
Solid fuels															
Oil															
Gas															
Nuclear															
Renewables	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.10
Industrial waste															
Net Imports	0.07	1.73	1.88	2.02	2.15	2.02	2.17	2.12	2.24	2.43	2.54	2.50	2.57	2.65	2.41
Solid fuels	0.07	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.04	0.04	0.04	0.04	0.03
Oil		1.70	1.86	2.00	2.13	2.00	2.15	2.10	2.22	2.41	2.50	2.46	2.53	2.61	2.38
Gas															
Electricity															
Renewables															
Derived heat															
Gross Inland Consumption	0.07	1.58	1.79	1.85	2.14	1.97	2.11	2.07	2.21	2.27	2.38	2.41	2.42	2.63	2.49
Solid fuels	0.06	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.04	0.04
Oil		1.57	1.76	1.82	2.11	1.91	2.06	2.01	2.15	2.20	2.30	2.33	2.34	2.55	2.35
Gas															
Nuclear															
Renewables	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.10
Other															
Elec. Generation (TWh)	1.97	2.08	2.40	2.58	2.68	2.47	2.59	2.71	2.95	3.14	3.37	3.55	3.79	4.04	4.18
Coal (TWh)															
Oil (TWh)	1.97	2.08	2.40	2.58	2.68	2.47	2.59	2.71	2.95	3.14	3.37	3.55	3.79	4.04	4.18
Gas (TWh)															
Nuclear (TWh)															
Renewables (TWh) (*)															
Other (TWh)															
Final Energy Consumption	0.23	1.11	1.28	1.29	1.33	1.40	1.45	1.45	1.52	1.57	1.63	1.68	1.69	1.79	1.85
by fuel/product															
Solid fuels	0.08	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.04	0.04
Oil		0.94	1.08	1.07	1.10	1.16	1.21	1.20	1.24	1.27	1.30	1.34	1.33	1.40	1.40
Gas															
Electricity	0.15	0.16	0.18	0.20	0.21	0.19	0.20	0.20	0.22	0.24	0.26	0.27	0.29	0.31	0.31
Renewables	0.01	0.01	0.00	0.00	0.00	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.10
Other															
by sector															
Industry	0.10	0.34	0.36	0.37	0.38	0.39	0.42	0.40	0.42	0.43	0.44	0.41	0.42	0.44	0.54
Transport	0.00	0.57	0.69	0.68	0.70	0.75	0.76	0.77	0.81	0.83	0.85	0.93	0.90	0.95	0.86
Households	0.04	0.11	0.13	0.13	0.13	0.17	0.18	0.18	0.19	0.19	0.21	0.21	0.23	0.24	0.27
Commerce, etc.	0.08	0.09	0.10	0.11	0.11	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17
Non-Energy Uses		0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.09	0.08	0.08	0.08	0.07	0.07
CO₂ Emissions (Mt) (**)	0	5	5	6	6	6	6	6	7	7	7	7	7	8	8
Energy intensity (toe/M€'00)	10	248	255	262	286	240	253	241	246	240	241	234	230	246	223
CO₂ intensity (tCO₂/toe)	4.53	2.99	3.04	3.03	2.73	2.94	2.86	3.03	2.96	3.01	2.95	2.93	2.97	3.01	3.09
Import dependency, %	103.2	105.3	101.9	106.4	97.7	99.1	98.3	98.3	96.9	100.5	98.7	96.1	100.5	96.3	94.6
Energy per capita (kgoe/cap)	113	2660	2923	2956	3342	3026	3198	3079	3259	3299	3432	3435	3413	3642	3363
CO₂ per capita (kg/cap)	514	7956	8894	8952	9107	8895	9149	9316	9650	9945	10109	10080	10122	10954	10397

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Latvia

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	1.13	1.03	0.80	0.83	1.33	1.49	1.54	1.72	1.92	1.77	1.54	1.67	1.84	1.99	2.15
Solid fuels	0.06	0.07	0.10	0.08	0.11	0.08	0.09	0.09	0.01	0.07	0.02	0.02	0.03	0.00	0.00
Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
Gas															
Nuclear															
Renewables	1.06	0.96	0.70	0.75	1.22	1.41	1.42	1.62	1.90	1.69	1.53	1.66	1.80	1.97	2.14
Industrial waste														0.01	0.01
Net Imports	7.44	6.42	5.54	3.83	3.68	3.31	3.46	2.67	2.59	2.22	2.30	2.53	2.43	2.67	3.04
Solid fuels	0.63	0.54	0.44	0.38	0.32	0.17	0.15	0.16	0.09	0.09	0.06	0.06	0.08	0.08	0.06
Oil	3.94	3.07	2.61	2.47	2.43	2.04	2.28	1.53	1.70	1.16	1.14	1.44	1.33	1.45	1.54
Gas	2.56	2.45	2.13	0.76	0.81	1.00	0.87	1.06	1.10	1.03	1.11	1.09	1.14	1.41	1.74
Electricity	0.31	0.36	0.35	0.22	0.16	0.19	0.28	0.16	0.05	0.17	0.15	0.16	0.20	0.23	0.18
Renewables				-0.01	-0.04	-0.09	-0.12	-0.24	-0.34	-0.23	-0.17	-0.22	-0.32	-0.49	-0.48
Derived heat															
Gross Inland Consumption	7.86	7.44	6.05	5.07	5.09	4.79	4.76	4.51	4.46	4.11	3.94	4.24	4.20	4.41	4.59
Solid fuels	0.71	0.62	0.55	0.52	0.44	0.27	0.25	0.23	0.17	0.13	0.13	0.12	0.10	0.09	0.07
Oil	3.42	3.07	2.73	2.44	2.49	2.00	2.06	1.66	1.66	1.40	1.20	1.23	1.15	1.27	1.36
Gas	2.38	2.45	1.73	1.14	0.83	1.01	0.87	1.07	1.03	0.99	1.09	1.27	1.29	1.35	1.33
Nuclear															
Renewables	1.05	0.94	0.70	0.76	1.18	1.31	1.29	1.40	1.56	1.42	1.35	1.46	1.46	1.46	1.65
Other	0.31	0.36	0.35	0.22	0.16	0.19	0.28	0.16	0.05	0.17	0.15	0.16	0.20	0.23	0.19
Elec. Generation (TWh)	6.65	5.64	3.83	3.92	4.44	3.98	4.38	4.51	5.80	4.11	4.14	4.28	3.98	3.98	4.69
Coal (TWh)	0.06			0.08	0.08	0.10		0.10	0.10	0.04	0.08	0.04	0.04	0.02	
Oil (TWh)	0.36	0.71	0.30	0.41	0.75	0.42	0.64	0.20	0.31	0.36	0.11	0.10	0.14	0.08	0.06
Gas (TWh)	1.69	1.66	1.01	0.56	0.31	0.53	0.62	1.25	1.08	0.96	1.13	1.30	1.31	1.53	1.43
Nuclear (TWh)															
Renewables (TWh) (*)	4.50	3.28	2.52	2.88	3.31	2.94	3.11	2.95	4.32	2.76	2.82	2.84	2.48	2.34	3.20
Other (TWh)	0.04														
Final Energy Consumption	6.33	6.81	5.31	4.37	4.14	3.81	3.53	3.80	3.66	3.42	3.21	3.60	3.63	3.74	3.87
by fuel/product															
Solid fuels	0.32	0.31	0.19	0.21	0.25	0.12	0.12	0.12	0.09	0.08	0.06	0.08	0.07	0.06	0.06
Oil	2.00	2.04	1.73	1.65	1.44	1.18	1.15	1.19	1.06	1.01	0.94	1.12	1.09	1.17	1.21
Gas	0.67	0.59	0.62	0.40	0.32	0.33	0.37	0.34	0.34	0.32	0.33	0.39	0.45	0.46	0.49
Electricity	0.71	0.72	0.57	0.40	0.38	0.38	0.35	0.36	0.38	0.38	0.38	0.39	0.42	0.45	0.46
Renewables	0.62	0.62	0.42	0.40	0.82	0.89	0.95	0.91	0.96	0.97	0.91	0.98	0.97	0.96	1.05
Other	2.01	2.53	1.78	1.32	0.94	0.91	0.59	0.89	0.81	0.67	0.59	0.63	0.63	0.65	0.59
by sector															
Industry	1.97	1.64	1.32	0.70	0.60	0.55	0.67	0.79	0.76	0.67	0.61	0.64	0.66	0.68	0.74
Transport	1.06	1.12	1.02	0.92	0.95	0.86	0.80	0.77	0.71	0.70	0.69	0.89	0.87	0.92	0.96
Households	1.59	1.94	1.38	1.68	1.58	1.60	1.45	1.54	1.50	1.41	1.32	1.46	1.46	1.47	1.43
Commerce, etc.	1.71	2.12	1.58	1.06	1.02	0.80	0.61	0.70	0.69	0.65	0.59	0.61	0.64	0.67	0.75
Non-Energy Uses	0.08					0.01	0.01	0.01	0.04	0.08	0.08	0.06	0.07	0.07	0.07
CO₂ Emissions (Mt) (**)	19	18	14	12	11	9	9	9	8	7	6	7	7	7	7
Energy intensity (toe/M€'00)	640	693	830	785	772	732	701	613	580	517	464	462	430	421	404
CO₂ intensity (tCO₂/toe)	2.37	2.36	2.32	2.40	2.11	1.93	1.86	1.90	1.75	1.73	1.62	1.68	1.67	1.65	1.58
Import dependency, %	88.9	86.3	91.6	75.5	72.2	69.2	72.9	59.2	58.1	53.9	58.4	57.1	55.2	58.2	63.5
Energy per capita (kgoe/cap)	2943	2795	2298	1959	1998	1927	1935	1852	1851	1720	1660	1801	1797	1895	1986
CO₂ per capita (kg/cap)	6965	6598	5320	4711	4220	3714	3605	3515	3241	2977	2683	3030	2994	3119	3141

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Lithuania

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	4.74	4.75	4.18	3.71	2.58	3.69	4.31	3.89	4.42	3.47	3.19	4.10	4.82	5.12	4.98
Solid fuels	0.01	0.02	0.03	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
Oil	0.01	0.03	0.06	0.07	0.09	0.13	0.16	0.23	0.30	0.24	0.35	0.50	0.46	0.41	0.33
Gas															
Nuclear	4.39	4.39	3.78	3.16	1.99	3.05	3.60	3.10	3.50	2.54	2.17	2.93	3.65	3.99	3.90
Renewables	0.32	0.31	0.31	0.46	0.48	0.50	0.53	0.54	0.61	0.66	0.66	0.66	0.70	0.70	0.74
Industrial waste															
Net Imports	11.67	12.06	6.82	5.22	5.36	5.64	5.08	5.05	4.79	4.35	4.35	3.94	3.75	4.12	4.44
Solid fuels	0.76	0.87	0.55	0.18	0.28	0.16	0.25	0.13	0.14	0.10	0.09	0.07	0.14	0.19	0.17
Oil	7.26	7.44	3.96	3.78	3.25	3.69	3.11	3.22	3.42	2.66	2.30	2.05	1.99	2.22	2.54
Gas	4.68	4.84	2.77	1.50	1.73	2.03	2.17	2.00	1.75	1.83	2.09	2.17	2.20	2.38	2.37
Electricity	-1.03	-1.10	-0.46	-0.23	0.09	-0.23	-0.44	-0.30	-0.52	-0.23	-0.11	-0.34	-0.56	-0.65	-0.62
Renewables						0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.02	-0.02	-0.02
Derived heat															
Gross Inland Consumption	16.04	16.81	10.83	8.98	8.04	8.67	9.35	8.87	9.31	7.91	7.24	7.99	8.64	9.00	9.15
Solid fuels	0.80	0.89	0.42	0.37	0.31	0.25	0.23	0.18	0.16	0.14	0.10	0.09	0.15	0.19	0.18
Oil	6.88	7.48	4.02	3.72	3.44	3.08	3.27	3.34	3.82	3.01	2.34	2.46	2.51	2.38	2.58
Gas	4.68	4.84	2.77	1.50	1.73	2.03	2.17	2.00	1.75	1.83	2.09	2.17	2.20	2.38	2.37
Nuclear	4.39	4.39	3.78	3.16	1.99	3.05	3.60	3.10	3.50	2.54	2.17	2.93	3.65	3.99	3.90
Renewables	0.32	0.31	0.31	0.46	0.48	0.49	0.53	0.54	0.61	0.63	0.65	0.68	0.69	0.71	0.73
Other	-1.03	-1.10	-0.46	-0.23	0.09	-0.23	-0.44	-0.30	-0.52	-0.23	-0.11	-0.34	-0.56	-0.65	-0.62
Elec. Generation (TWh)	28.41	29.36	18.71	14.12	10.02	13.90	16.79	14.86	17.63	13.54	11.42	14.74	17.72	19.49	19.27
Coal (TWh)															
Oil (TWh)	4.15	5.70	2.32	1.00	1.24	1.07	1.28	1.54	2.85	1.75	0.65	0.72	0.55	0.33	0.36
Gas (TWh)	6.77	6.29	1.26	0.27	0.33	0.23	0.66	0.49	0.28	1.00	1.62	1.88	2.11	2.52	2.69
Nuclear (TWh)	17.03	17.00	14.64	12.26	7.71	11.82	13.94	12.02	13.55	9.86	8.42	11.36	14.14	15.48	15.10
Renewables (TWh) (*)	0.41	0.34	0.31	0.39	0.45	0.37	0.33	0.30	0.42	0.41	0.34	0.33	0.36	0.33	0.43
Other (TWh)	0.04	0.03	0.18	0.20	0.29	0.41	0.58	0.52	0.53	0.51	0.40	0.44	0.57	0.83	0.69
Final Energy Consumption	9.67	10.15	6.37	4.90	4.73	4.59	4.48	4.52	4.45	4.06	3.74	3.86	4.01	4.13	4.28
by fuel/product															
Solid fuels	0.75	0.85	0.38	0.34	0.29	0.23	0.21	0.17	0.15	0.12	0.09	0.08	0.14	0.17	0.17
Oil	4.05	4.14	2.28	1.83	1.61	1.67	1.65	1.74	1.76	1.53	1.35	1.41	1.40	1.38	1.50
Gas	1.48	1.68	0.99	0.53	0.53	0.51	0.46	0.45	0.42	0.36	0.37	0.39	0.42	0.44	0.48
Electricity	1.03	1.02	0.79	0.58	0.56	0.55	0.56	0.58	0.58	0.56	0.53	0.55	0.58	0.61	0.65
Renewables	0.27	0.26	0.26	0.40	0.43	0.45	0.49	0.50	0.53	0.57	0.58	0.58	0.59	0.59	0.58
Other	2.08	2.20	1.67	1.23	1.32	1.19	1.10	1.08	1.02	0.90	0.83	0.85	0.89	0.92	0.90
by sector															
Industry	3.33	3.33	1.88	1.11	1.10	1.02	0.98	1.00	0.99	0.83	0.78	0.78	0.86	0.91	0.94
Transport	1.99	2.21	1.41	1.07	0.85	1.04	1.13	1.25	1.31	1.17	1.05	1.14	1.18	1.20	1.32
Households	1.84	2.01	1.63	1.72	1.75	1.64	1.55	1.50	1.45	1.42	1.34	1.37	1.38	1.38	1.37
Commerce, etc.	2.51	2.61	1.44	1.01	1.02	0.89	0.82	0.76	0.70	0.64	0.57	0.57	0.60	0.63	0.66
Non-Energy Uses	0.85	1.02	0.45	0.21	0.38	0.54	0.62	0.58	0.63	0.64	0.66	0.73	0.75	0.78	0.73
CO₂ Emissions (Mt) (**)	32	35	19	15	14	14	14	14	14	12	10	11	11	11	12
Energy intensity (toe/M€'00)	920	1023	837	828	822	858	883	783	767	663	583	605	613	578	549
CO₂ intensity (tCO₂/toe)	2.02	2.06	1.78	1.72	1.80	1.56	1.49	1.54	1.55	1.52	1.43	1.39	1.29	1.24	1.29
Import dependency, %	72.3	71.1	61.4	57.2	65.4	64.1	53.7	56.6	51.2	54.5	59.4	48.7	42.9	45.3	48.0
Energy per capita (kgoe/cap)	4337	4539	2928	2437	2198	2388	2595	2480	2624	2245	2068	2296	2490	2606	2663
CO₂ per capita (kg/cap)	8771	9337	5220	4194	3963	3722	3875	3819	4060	3403	2962	3183	3215	3235	3444

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Luxembourg

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.06	0.05	0.06	0.06	0.07
Solid fuels															
Oil															
Gas															
Nuclear															
Renewables	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.06	0.05	0.06	0.06	0.07
Industrial waste															
Net Imports	3.52	3.71	3.77	3.78	3.71	3.26	3.38	3.30	3.26	3.35	3.62	3.69	3.94	4.14	4.59
Solid fuels	1.13	1.07	1.01	1.04	0.90	0.51	0.49	0.31	0.11	0.11	0.13	0.11	0.09	0.08	0.09
Oil	1.62	1.85	1.95	1.90	1.93	1.76	1.86	1.91	2.05	2.10	2.33	2.40	2.50	2.68	3.01
Gas	0.43	0.45	0.47	0.48	0.49	0.56	0.61	0.63	0.63	0.66	0.67	0.69	1.05	1.06	1.20
Electricity	0.34	0.34	0.34	0.35	0.38	0.43	0.42	0.45	0.47	0.48	0.49	0.49	0.30	0.32	0.29
Renewables															
Derived heat															
Gross Inland Consumption	3.56	3.78	3.79	3.84	3.76	3.34	3.40	3.35	3.27	3.44	3.63	3.77	3.98	4.20	4.68
Solid fuels	1.13	1.07	1.01	1.04	0.90	0.51	0.49	0.31	0.11	0.11	0.13	0.11	0.09	0.08	0.09
Oil	1.61	1.87	1.93	1.92	1.93	1.79	1.84	1.92	2.01	2.15	2.28	2.42	2.48	2.68	3.02
Gas	0.43	0.45	0.47	0.48	0.49	0.56	0.61	0.63	0.63	0.66	0.67	0.69	1.05	1.06	1.20
Nuclear															
Renewables	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.06	0.05	0.06	0.06	0.07
Other	0.34	0.34	0.34	0.35	0.38	0.43	0.42	0.45	0.47	0.48	0.49	0.49	0.30	0.32	0.29
Elec. Generation (TWh)	1.38	1.40	1.21	1.08	1.19	1.24	1.31	1.26	1.31	1.02	1.18	1.24	3.68	3.61	4.14
Coal (TWh)															
Oil (TWh)	0.03	0.03	0.06	0.04	0.01	0.01	0.02	0.01							
Gas (TWh)	0.49	0.55	0.50	0.53	0.42	0.34	0.37	0.26	0.20	0.20	0.23	0.28	2.59	2.60	3.15
Nuclear (TWh)															
Renewables (TWh) (*)	0.11	0.10	0.11	0.12	0.17	0.14	0.10	0.13	0.18	0.15	0.20	0.22	0.20	0.17	0.23
Other (TWh)	0.75	0.71	0.54	0.40	0.59	0.75	0.82	0.85	0.93	0.66	0.74	0.74	0.88	0.84	0.75
Final Energy Consumption	3.33	3.57	3.56	3.62	3.55	3.16	3.25	3.23	3.19	3.35	3.55	3.69	3.73	3.95	4.40
by fuel/product															
Solid fuels	0.76	0.71	0.68	0.70	0.63	0.37	0.36	0.24	0.11	0.11	0.12	0.11	0.09	0.08	0.09
Oil	1.58	1.84	1.89	1.89	1.90	1.75	1.82	1.90	1.99	2.11	2.27	2.41	2.47	2.66	3.01
Gas	0.62	0.64	0.60	0.63	0.60	0.58	0.62	0.62	0.59	0.61	0.62	0.64	0.63	0.63	0.68
Electricity	0.35	0.36	0.37	0.38	0.40	0.43	0.42	0.44	0.46	0.47	0.49	0.48	0.49	0.52	0.55
Renewables	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Other						0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05
by sector															
Industry	1.73	1.69	1.61	1.65	1.55	1.20	1.16	1.03	0.87	0.92	0.96	0.92	0.89	0.89	0.99
Transport	1.01	1.18	1.28	1.29	1.34	1.31	1.36	1.47	1.55	1.70	1.88	1.99	2.13	2.33	2.64
Households	0.52	0.61	0.57	0.57	0.55	0.56	0.63	0.61	0.64	0.61	0.60	0.66	0.61	0.62	0.63
Commerce, etc.	0.07	0.08	0.10	0.10	0.10	0.10	0.11	0.12	0.13	0.11	0.12	0.12	0.11	0.11	0.13
Non-Energy Uses	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
CO₂ Emissions (Mt) (**)	11	11	11	11	11	9	9	8	8	8	9	9	10	11	12
Energy intensity (toe/M€'00)	264	258	255	248	233	204	205	191	175	170	165	167	170	176	188
CO₂ intensity (tCO₂/toe)	2.99	2.99	2.92	2.93	2.84	2.61	2.62	2.52	2.40	2.41	2.44	2.47	2.57	2.57	2.62
Import dependency, %	99.0	98.2	99.4	98.3	98.7	97.7	99.3	98.4	99.5	97.3	99.8	97.9	99.0	98.7	98.2
Energy per capita (kgoe/cap)	9310	9758	9669	9655	9299	8141	8183	7960	7676	7954	8273	8528	8919	9325	10315
CO₂ per capita (kg/cap)	27859	29178	28252	28278	26414	21285	21413	20087	18452	19151	20178	21040	22947	24010	26997

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Hungary

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	14.15	14.01	13.44	13.20	12.93	13.46	13.12	12.78	11.94	11.49	11.21	10.85	11.21	10.59	10.22
Solid fuels	3.95	3.75	3.43	3.11	3.01	3.10	3.21	3.30	3.04	2.95	2.89	2.66	2.68	2.71	2.18
Oil	2.32	2.23	2.18	2.06	1.98	2.33	2.15	2.00	1.85	1.80	1.67	1.56	1.67	1.83	1.61
Gas	3.81	3.85	3.61	3.89	3.76	3.79	3.60	3.36	2.97	2.62	2.48	2.48	2.36	2.29	2.37
Nuclear	3.54	3.54	3.60	3.56	3.62	3.62	3.66	3.60	3.60	3.64	3.66	3.64	3.60	2.84	3.07
Renewables	0.52	0.63	0.62	0.58	0.56	0.63	0.51	0.51	0.48	0.49	0.52	0.49	0.89	0.92	0.97
Industrial waste												0.01	0.01	0.00	0.03
Net Imports	14.44	12.87	11.43	12.62	11.91	12.64	13.85	13.61	14.35	13.92	14.01	13.88	14.74	16.38	15.91
Solid fuels	1.69	2.32	1.45	1.49	1.61	1.39	1.47	1.38	1.12	1.07	1.08	1.00	0.89	1.00	1.13
Oil	6.63	4.95	5.57	6.14	5.62	5.51	4.93	5.50	6.09	5.45	5.35	4.83	4.77	4.84	4.86
Gas	5.17	4.96	4.11	4.77	4.52	5.53	7.27	6.55	7.08	7.32	7.28	7.78	8.70	9.94	9.28
Electricity	0.96	0.63	0.30	0.21	0.17	0.21	0.19	0.18	0.06	0.09	0.30	0.27	0.37	0.60	0.64
Renewables															
Derived heat															
Gross Inland Consumption	28.65	27.55	25.18	25.35	25.11	25.88	26.31	25.76	25.56	25.46	25.02	25.47	25.87	26.55	26.19
Solid fuels	5.97	5.86	5.01	4.87	4.68	4.55	4.68	4.57	4.16	4.14	3.97	3.64	3.60	3.74	3.44
Oil	8.74	8.05	7.88	7.77	7.63	7.71	7.04	7.18	7.47	7.20	6.93	6.70	6.59	6.56	6.32
Gas	8.91	8.84	7.77	8.36	8.44	9.17	10.24	9.71	9.78	9.91	9.66	10.71	10.81	11.89	11.71
Nuclear	3.54	3.54	3.60	3.56	3.62	3.62	3.66	3.60	3.60	3.64	3.66	3.64	3.60	2.84	3.07
Renewables	0.52	0.63	0.62	0.58	0.56	0.63	0.51	0.51	0.48	0.49	0.52	0.49	0.89	0.92	0.97
Other	0.96	0.63	0.30	0.21	0.17	0.21	0.19	0.18	0.06	0.09	0.30	0.28	0.38	0.60	0.67
Elec. Generation (TWh)	28.47	30.01	31.78	32.99	33.61	34.11	35.17	35.40	37.19	37.72	35.19	36.42	36.16	34.14	33.70
Coal (TWh)	8.55	8.04	9.11	9.03	8.73	9.08	9.61	9.39	9.56	9.51	9.59	8.84	8.98	9.17	8.18
Oil (TWh)	1.35	2.83	3.99	5.62	5.52	5.28	4.51	5.86	5.96	5.31	4.40	4.19	2.14	1.63	0.84
Gas (TWh)	4.63	5.18	4.46	4.31	5.05	5.46	6.58	5.88	7.46	7.82	6.73	8.95	10.82	11.97	11.81
Nuclear (TWh)	13.73	13.73	13.96	13.80	14.05	14.03	14.18	13.97	13.95	14.66	14.18	14.13	13.95	11.01	11.92
Renewables (TWh) (*)	0.18	0.19	0.16	0.17	0.16	0.16	0.21	0.22	0.16	0.18	0.18	0.19	0.19	0.17	0.96
Other (TWh)	0.03	0.05	0.09	0.08	0.09	0.10	0.08	0.09	0.11	0.24	0.11	0.12	0.07	0.19	0.00
Final Energy Consumption	19.16	18.21	15.92	15.80	15.64	15.70	16.28	15.59	15.67	15.92	15.87	16.46	17.03	17.57	17.40
by fuel/product															
Solid fuels	2.50	2.37	1.40	1.28	1.14	0.96	0.97	0.77	0.62	0.70	0.79	0.67	0.69	0.68	0.71
Oil	6.01	5.14	4.96	4.47	4.49	4.15	4.01	3.86	4.08	4.28	4.17	4.14	4.44	4.40	4.51
Gas	5.94	5.96	5.12	5.83	5.88	6.37	7.09	6.61	6.57	6.56	6.50	7.10	7.07	7.60	7.54
Electricity	2.72	2.54	2.44	2.34	2.37	2.39	2.47	2.48	2.49	2.49	2.53	2.63	2.71	2.70	2.73
Renewables	0.43	0.55	0.54	0.51	0.49	0.55	0.41	0.43	0.40	0.40	0.43	0.40	0.81	0.82	0.70
Other	1.57	1.65	1.46	1.38	1.27	1.29	1.32	1.44	1.51	1.49	1.44	1.53	1.31	1.37	1.20
by sector															
Industry	6.52	5.44	4.40	4.19	3.91	3.81	3.96	3.68	3.67	3.51	3.49	3.56	3.77	3.40	3.41
Transport	3.02	2.68	2.60	2.59	2.59	2.65	2.66	2.78	3.07	3.26	3.25	3.40	3.58	3.73	3.87
Households	6.37	6.67	6.07	5.95	5.77	5.83	5.86	5.49	5.28	5.43	5.38	5.61	6.06	6.69	6.00
Commerce, etc.	3.25	3.42	2.85	3.07	3.37	3.41	3.80	3.63	3.66	3.73	3.75	3.88	3.63	3.75	4.12
Non-Energy Uses	1.58	1.40	1.29	1.27	1.48	1.63	1.49	1.48	1.65	1.28	1.59	1.35	1.40	1.41	1.51
CO₂ Emissions (Mt) (**)	66	64	58	58	57	57	58	57	56	57	54	55	55	57	54
Energy intensity (toe/M€'00)		668	624	632	608	617	619	580	549	525	490	478	468	465	438
CO₂ intensity (tCO₂/toe)	2.29	2.32	2.30	2.31	2.28	2.20	2.22	2.20	2.20	2.23	2.15	2.15	2.13	2.14	2.07
Import dependency, %	50.4	46.7	45.4	49.8	47.4	48.8	52.6	52.8	56.2	54.7	56.0	54.5	57.0	61.7	60.8
Energy per capita (kgoe/cap)	2762	2656	2429	2448	2428	2506	2552	2503	2490	2487	2450	2500	2546	2621	2591
CO₂ per capita (kg/cap)	6319	6154	5586	5645	5527	5503	5659	5502	5471	5541	5263	5380	5412	5610	5365

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Malta

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production															
Solid fuels															
Oil															
Gas															
Nuclear															
Renewables															
Industrial waste															
Net Imports	0.61	0.70	0.75	0.77	0.75	0.89	0.85	1.01	0.87	0.98	0.82	0.75	0.90	0.90	0.91
Solid fuels															
Oil	0.61	0.70	0.75	0.77	0.75	0.89	0.85	1.01	0.87	0.98	0.82	0.75	0.90	0.90	0.91
Gas															
Electricity															
Renewables															
Derived heat															
Gross Inland Consumption	0.58	0.60	0.62	0.75	0.73	0.81	0.77	0.94	0.82	0.85	0.77	0.72	0.87	0.87	0.89
Solid fuels															
Oil	0.58	0.60	0.62	0.75	0.73	0.81	0.77	0.94	0.82	0.85	0.77	0.72	0.87	0.87	0.89
Gas															
Nuclear															
Renewables															
Other															
Elec. Generation (TWh)	1.10	1.42	1.49	1.50	1.54	1.63	1.66	1.69	1.72	1.79	1.92	1.99	2.05	2.24	2.22
Coal (TWh)	0.62	0.59	0.56	0.60	0.36	0.09									
Oil (TWh)	0.49	0.83	0.93	0.90	1.18	1.54	1.66	1.69	1.72	1.79	1.92	1.99	2.05	2.24	2.22
Gas (TWh)															
Nuclear (TWh)															
Renewables (TWh) (*)															
Other (TWh)															
Final Energy Consumption	0.33	0.39	0.40	0.42	0.42	0.45	0.39	0.56	0.42	0.42	0.41	0.37	0.45	0.46	0.46
by fuel/product															
Solid fuels															
Oil	0.25	0.28	0.29	0.31	0.31	0.34	0.27	0.44	0.30	0.29	0.27	0.24	0.31	0.31	0.30
Gas															
Electricity	0.08	0.10	0.11	0.11	0.10	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.16	0.15
Renewables															
Other															
by sector															
Industry		0.02	0.02	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
Transport	0.22	0.25	0.25	0.28	0.28	0.30	0.22	0.40	0.27	0.25	0.24	0.20	0.27	0.27	0.27
Households	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09
Commerce, etc.	0.06	0.06	0.06	0.06	0.03	0.03	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.05
Non-Energy Uses	0.01	0.01	0.01	0.01	0.01				0.00	0.00					
CO₂ Emissions (Mt) (**)	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3
Energy intensity (toe/M€'00)		220	216	249	229	240	221	256	218	216	183	172	205	210	216
CO ₂ intensity (tCO ₂ /toe)	3.06	3.05	3.06	3.07	3.07	3.08	3.11	3.09	3.10	3.10	3.10	3.11	3.11	3.11	3.11
Import dependency, %	100.0	108.8	112.6	100.0	100.0	104.5	100.0	100.0	100.0	109.0	100.8	100.0	100.0	100.0	100.0
Energy per capita (kgoe/cap)	1613	1657	1682	2007	1934	2138	2036	2447	2140	2198	1972	1841	2209	2195	2210
CO ₂ per capita (kg/cap)	4933	5058	5141	6167	5936	6593	6338	7570	6632	6816	6112	5733	6872	6828	6883

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Netherlands

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	60.48	67.15	67.09	68.25	66.14	65.99	73.87	65.85	63.01	59.51	57.17	60.84	60.39	58.43	67.86
Solid fuels															
Oil	4.03	3.76	3.40	3.32	4.38	3.56	3.23	3.06	2.76	2.60	2.42	2.28	3.15	3.10	2.93
Gas	54.61	61.74	62.01	63.12	59.88	60.46	68.34	60.59	57.61	54.12	51.90	55.71	54.27	52.21	61.58
Nuclear	0.88	0.84	0.87	0.99	1.02	1.04	1.04	0.59	0.94	0.99	1.01	1.03	1.01	1.04	0.99
Renewables	0.96	0.81	0.82	0.83	0.86	0.90	1.19	1.38	1.45	1.55	1.62	1.61	1.74	2.08	2.36
Industrial waste						0.03	0.07	0.23	0.25	0.25	0.21	0.21	0.21		
Net Imports	17.41	14.47	14.65	13.37	17.18	16.34	14.03	22.71	23.46	25.89	34.28	31.41	31.29	35.31	29.70
Solid fuels															
Oil	9.55	8.34	8.39	8.57	8.93	8.90	8.89	10.40	8.66	7.20	8.17	8.40	8.14	9.14	9.06
Gas	30.88	32.62	34.14	32.75	33.86	32.83	35.12	36.46	36.47	36.65	41.67	41.69	40.19	40.92	44.11
Nuclear	-23.80	-27.29	-28.63	-28.84	-26.51	-26.37	-30.89	-25.25	-22.69	-19.54	-17.19	-20.17	-18.45	-16.20	-24.86
Electricity	0.79	0.79	0.75	0.89	0.91	0.98	0.91	1.09	1.02	1.59	1.63	1.49	1.41	1.46	1.39
Renewables															
Derived heat															
Gross Inland Consumption	67.03	69.94	70.07	70.79	70.61	73.36	76.25	75.13	75.01	74.48	75.66	77.59	78.20	80.49	82.28
Solid fuels															
Oil	24.42	24.96	25.76	25.04	25.59	27.24	26.46	27.38	27.16	28.03	28.50	29.37	29.60	31.19	31.62
Gas	30.81	34.45	33.38	34.27	33.36	34.09	37.46	35.33	34.95	34.58	34.71	35.55	35.84	36.00	36.74
Nuclear	0.88	0.84	0.87	0.99	1.02	1.04	1.04	0.59	0.94	0.99	1.01	1.03	1.01	1.04	0.99
Renewables	0.96	0.81	0.82	0.83	0.86	0.90	1.19	1.38	1.45	1.55	1.62	1.61	1.74	2.08	2.36
Other	0.79	0.79	0.75	0.89	0.91	1.01	0.98	1.32	1.27	1.84	1.84	1.70	1.62	1.46	1.39
Elec. Generation (TWh)	71.97	74.39	77.19	77.06	79.93	81.07	85.33	86.66	90.90	86.40	89.62	93.75	95.97	96.81	100.77
Coal (TWh)	25.05	22.66	22.63	21.41	24.46	26.08	24.05	22.98	24.17	19.00	22.60	23.72	23.94	24.34	23.50
Oil (TWh)	3.09	3.38	3.25	3.07	3.08	3.87	3.91	3.62	3.53	6.57	3.13	3.11	2.82	2.86	2.82
Gas (TWh)	39.14	43.71	45.99	46.92	46.32	44.83	50.09	53.53	55.09	52.66	54.56	58.28	59.95	60.01	63.75
Nuclear (TWh)	3.50	3.33	3.80	3.95	3.97	4.02	4.16	2.41	3.81	3.83	3.93	3.98	3.92	4.02	3.82
Renewables (TWh) (*)	1.19	1.31	1.37	1.57	1.71	1.96	2.67	3.48	3.88	3.56	4.22	4.40	4.02	5.33	6.67
Other (TWh)			0.15	0.16	0.39	0.32	0.45	0.65	0.42	0.78	1.18	0.26	1.33	0.25	0.20
Final Energy Consumption	42.88	45.77	45.07	46.72	45.95	47.62	51.62	49.41	49.61	48.79	50.07	50.70	50.55	51.53	52.46
by fuel/product															
Solid fuels	1.71	1.41	1.41	1.52	1.19	1.41	1.41	1.58	1.48	1.45	1.29	1.34	1.37	1.32	1.55
Oil	12.79	13.48	13.91	14.38	14.51	14.68	15.55	15.85	16.07	16.03	16.47	16.51	16.91	17.16	17.43
Gas	21.24	23.57	22.16	23.12	21.78	22.52	25.06	21.93	21.48	20.39	21.01	21.55	20.99	21.69	21.65
Electricity	6.32	6.50	6.69	6.77	6.99	7.14	7.41	7.70	7.97	8.14	8.42	8.55	8.58	8.64	8.87
Renewables	0.37	0.30	0.30	0.30	0.29	0.30	0.29	0.30	0.31	0.32	0.32	0.23	0.24	0.38	0.40
Other	0.44	0.50	0.59	0.63	1.19	1.57	1.90	2.07	2.29	2.46	2.56	2.53	2.47	2.33	2.56
by sector															
Industry	12.60	12.72	12.57	13.25	12.48	12.67	13.18	13.19	13.15	12.80	13.75	13.70	13.69	14.25	14.80
Transport	10.36	10.55	11.20	11.57	11.81	12.40	13.12	13.49	13.61	13.77	13.82	14.23	14.58	14.67	15.04
Households	9.93	10.99	10.14	10.69	10.54	11.12	12.34	10.72	10.35	10.32	10.29	10.54	10.13	10.50	10.43
Commerce, etc.	9.99	11.51	11.15	11.21	11.12	11.43	12.98	12.02	12.51	11.90	12.21	12.23	12.15	12.11	12.19
Non-Energy Uses	9.49	9.69	9.41	8.06	8.70	9.39	7.86	8.67	8.36	8.94	9.58	9.47	9.66	10.69	10.96
CO₂ Emissions (Mt) (**)	152	157	158	164	161	167	178	170	171	166	166	171	173	175	177
Energy intensity (toe/M€'00)	213	217	214	215	208	210	212	201	192	184	180	182	184	189	190
CO₂ intensity (tCO₂/toe)	2.27	2.25	2.25	2.32	2.27	2.28	2.34	2.26	2.28	2.22	2.20	2.21	2.21	2.17	2.16
Import dependency, %	22.4	17.9	18.0	16.2	21.0	19.3	16.0	26.0	26.9	29.7	38.5	34.1	33.8	37.6	30.7
Energy per capita (kgoe/cap)	4485	4641	4615	4629	4591	4745	4911	4814	4777	4711	4752	4836	4843	4962	5056
CO₂ per capita (kg/cap)	10167	10429	10398	10745	10442	10823	11480	10899	10868	10474	10454	10680	10708	10760	10901

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Austria

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	8.15	8.38	8.57	8.74	8.31	8.64	8.55	8.67	8.76	9.42	9.55	9.64	9.79	9.69	9.83
Solid fuels	0.64	0.55	0.46	0.44	0.34	0.30	0.26	0.26	0.27	0.27	0.29	0.28	0.33	0.27	0.06
Oil	1.25	1.38	1.26	1.23	1.13	1.07	1.05	1.01	1.03	1.07	1.07	1.00	0.93	0.99	1.04
Gas	1.10	1.13	1.22	1.27	1.15	1.26	1.27	1.22	1.33	1.48	1.53	1.47	1.60	1.78	1.67
Nuclear															
Renewables	5.01	5.18	5.44	5.69	5.55	5.86	5.81	6.01	6.00	6.47	6.50	6.69	6.74	6.37	6.77
Industrial waste	0.16	0.15	0.18	0.12	0.14	0.14	0.15	0.17	0.13	0.14	0.15	0.20	0.19	0.28	0.30
Net Imports	17.05	17.64	17.42	16.87	16.66	17.76	19.76	19.00	20.18	18.90	18.81	19.63	20.59	22.83	23.15
Solid fuels	3.11	3.28	3.12	2.61	2.49	2.54	2.99	3.08	2.95	2.87	3.05	3.33	3.48	3.50	3.76
Oil	9.49	9.86	9.84	9.66	9.95	10.00	11.07	10.86	11.99	11.05	10.68	11.34	12.16	12.91	13.11
Gas	4.44	4.35	4.35	4.58	4.24	5.40	5.59	5.13	5.28	5.19	5.25	4.99	4.90	5.95	6.01
Electricity	-0.04	0.07	0.05	-0.06	-0.07	-0.21	0.08	-0.07	-0.01	-0.16	-0.12	0.02	0.06	0.48	0.26
Renewables	0.05	0.07	0.06	0.09	0.06	0.02	0.03	-0.01	-0.03	-0.05	-0.05	-0.05	-0.02	-0.02	0.00
Derived heat															
Gross Inland Consumption	24.95	26.57	25.49	25.65	25.60	26.71	28.39	28.38	28.72	28.60	28.45	30.43	30.36	32.58	32.71
Solid fuels	4.04	4.26	3.29	2.89	2.92	3.34	3.39	3.61	3.16	3.26	3.59	3.90	3.80	4.11	3.96
Oil	10.56	11.34	11.07	11.24	11.17	11.18	12.13	12.14	12.76	12.12	11.86	12.77	12.79	13.80	13.81
Gas	5.18	5.48	5.38	5.68	5.84	6.37	6.78	6.54	6.71	6.83	6.52	6.91	6.79	7.55	7.62
Nuclear															
Renewables	5.05	5.27	5.51	5.78	5.61	5.89	5.85	6.00	5.97	6.42	6.45	6.64	6.73	6.35	6.77
Other	0.12	0.22	0.23	0.06	0.07	-0.07	0.24	0.10	0.12	-0.02	0.04	0.22	0.25	0.77	0.56
Elec. Generation (TWh)	50.29	51.48	51.18	52.68	53.31	56.59	54.94	56.87	57.46	60.51	61.82	62.43	62.48	60.11	64.15
Coal (TWh)	6.18	6.84	4.12	2.99	3.10	4.32	4.83	7.53	4.13	4.39	5.73	6.98	6.61	8.45	7.91
Oil (TWh)	1.88	2.23	1.97	2.72	2.59	2.16	1.83	2.39	2.79	2.42	1.64	2.23	1.31	1.75	1.82
Gas (TWh)	8.54	8.41	7.61	7.54	9.48	9.72	10.89	7.88	10.09	9.96	9.10	9.20	10.46	12.21	12.17
Nuclear (TWh)															
Renewables (TWh) (*)	32.58	32.54	35.95	37.74	36.81	38.22	35.69	37.69	38.91	42.14	43.53	42.18	41.70	35.09	39.50
Other (TWh)	1.11	1.47	1.53	1.68	1.34	2.16	1.71	1.38	1.54	1.61	1.83	1.84	2.39	2.61	2.76
Final Energy Consumption	18.51	19.98	19.47	19.72	19.31	20.26	21.97	21.53	22.16	21.91	22.10	23.92	24.11	25.52	25.55
by fuel/product															
Solid fuels	1.17	1.25	1.05	0.95	0.84	0.85	0.86	0.84	0.77	0.67	0.70	0.62	0.58	0.61	0.53
Oil	7.90	8.62	8.40	8.66	8.49	8.73	9.67	9.31	9.89	9.42	9.41	10.16	10.56	11.51	11.40
Gas	2.97	3.16	3.22	3.27	3.27	3.63	3.92	3.96	4.02	4.11	4.25	4.66	4.51	4.59	4.86
Electricity	3.67	3.84	3.80	3.80	3.86	3.95	4.09	4.14	4.20	4.34	4.45	4.63	4.72	4.75	4.79
Renewables	2.10	2.27	2.19	2.17	2.00	2.16	2.30	2.23	2.18	2.24	2.21	2.49	2.48	2.55	2.52
Other	0.71	0.83	0.81	0.86	0.85	0.93	1.14	1.05	1.09	1.13	1.07	1.36	1.26	1.52	1.45
by sector															
Industry	5.60	5.75	5.51	5.57	5.63	5.79	5.99	6.69	6.69	6.30	6.80	6.97	7.11	7.41	7.64
Transport	4.60	5.01	5.04	5.07	5.09	5.18	5.65	5.40	5.95	5.74	6.03	6.38	6.95	7.45	7.69
Households	5.75	6.39	6.00	6.15	5.81	6.22	6.78	6.47	6.49	6.63	6.50	7.14	7.02	6.96	6.83
Commerce, etc.	2.54	2.83	2.92	2.92	2.79	3.06	3.55	2.97	3.02	3.25	2.76	3.43	3.03	3.70	3.40
Non-Energy Uses	1.91	1.93	1.80	1.81	1.79	1.81	1.90	2.16	2.00	2.00	2.05	2.10	2.14	2.14	2.10
CO₂ Emissions (Mt) (**)	53	57	53	53	53	56	60	59	60	58	59	63	63	69	69
Energy intensity (toe/M€'00)	153	157	147	147	143	147	152	149	146	141	135	143	142	150	147
CO₂ intensity (tCO₂/toe)	2.14	2.16	2.06	2.06	2.07	2.09	2.11	2.09	2.09	2.04	2.06	2.07	2.06	2.12	2.11
Import dependency, %	68.3	66.4	68.3	65.8	65.1	66.5	69.6	66.9	70.3	66.1	66.1	64.5	67.8	70.1	70.8
Energy per capita (kgoe/cap)	3250	3427	3251	3244	3226	3360	3567	3562	3600	3579	3551	3783	3755	4013	4002
CO₂ per capita (kg/cap)	6955	7385	6698	6685	6663	7021	7540	7436	7534	7317	7304	7836	7750	8516	8436

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Poland

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	99.38	95.74	94.31	97.40	97.49	99.40	98.89	100.15	88.04	84.40	80.30	81.05	80.74	80.46	79.46
Solid fuels	94.46	90.72	89.23	89.18	89.31	91.10	90.91	92.07	79.62	76.05	71.30	71.43	71.17	70.85	69.20
Oil	0.18	0.17	0.26	0.29	0.36	0.36	0.44	0.49	0.88	1.07	1.43	1.58	1.36	1.34	1.52
Gas	2.38	2.66	2.56	3.27	3.10	3.17	3.14	3.20	3.25	3.10	3.31	3.49	3.57	3.61	3.93
Nuclear															
Renewables	1.60	1.36	1.50	3.93	3.85	3.92	3.88	3.87	3.88	3.76	3.81	4.08	4.14	4.16	4.32
Industrial waste	0.77	0.84	0.78	0.74	0.87	0.84	0.51	0.51	0.42	0.41	0.45	0.47	0.49	0.50	0.48
Net Imports	2.24	3.99	4.11	2.81	-0.05	-0.15	5.39	6.47	7.99	9.52	10.13	9.39	10.05	11.95	13.62
Solid fuels	-18.91	-14.32	-14.80	-16.51	-19.33	-21.20	-18.10	-18.29	-16.87	-15.61	-16.31	-16.30	-15.60	-14.72	-14.65
Oil	14.47	12.82	13.93	14.86	14.54	15.48	17.46	18.37	18.70	19.33	20.38	19.09	19.58	20.04	20.95
Gas	6.77	5.71	5.33	4.67	4.98	5.81	6.30	6.58	6.45	6.22	6.61	7.18	6.68	7.50	8.12
Electricity	-0.09	-0.23	-0.35	-0.21	-0.23	-0.24	-0.27	-0.19	-0.30	-0.42	-0.55	-0.58	-0.61	-0.87	-0.80
Renewables															
Derived heat															
Gross Inland Consumption	100.02	98.79	97.40	101.53	96.76	100.02	103.67	102.48	96.16	93.74	90.78	90.80	89.40	91.79	92.51
Solid fuels	75.41	75.24	73.87	74.47	68.82	70.50	72.19	70.26	63.51	60.74	56.36	55.82	54.80	56.23	54.58
Oil	13.40	13.25	13.83	14.45	15.24	16.00	17.92	18.61	19.10	20.00	20.76	20.63	20.45	20.51	22.05
Gas	8.94	8.33	7.76	8.15	8.22	8.99	9.45	9.42	9.51	9.26	9.96	10.38	10.11	11.26	11.88
Nuclear															
Renewables	1.60	1.36	1.50	3.93	3.85	3.92	3.87	3.87	3.92	3.75	3.80	4.08	4.14	4.16	4.32
Other	0.68	0.61	0.43	0.53	0.64	0.60	0.24	0.33	0.12	-0.01	-0.10	-0.11	-0.11	-0.37	-0.32
Elec. Generation (TWh)	136.31	134.71	132.75	133.87	135.35	138.99	143.17	142.79	142.79	142.13	145.18	145.62	144.13	151.63	154.16
Coal (TWh)	130.34	128.71	126.56	127.64	128.35	131.69	135.37	134.62	134.10	133.16	135.89	134.97	132.95	140.66	141.61
Oil (TWh)	1.57	1.54	1.45	1.57	1.68	1.52	1.76	1.89	1.89	1.88	1.92	2.40	2.38	2.46	2.51
Gas (TWh)	0.84	0.61	0.75	0.71	1.18	1.59	1.73	1.86	1.88	2.30	2.71	3.25	3.94	4.36	5.03
Nuclear (TWh)															
Renewables (TWh) (*)	1.87	1.86	1.93	1.85	2.09	2.24	2.33	2.56	2.91	2.66	2.33	2.78	2.77	2.25	3.07
Other (TWh)	1.70	1.99	2.06	2.09	2.05	1.96	1.98	1.86	2.02	2.13	2.34	2.22	2.09	1.91	1.94
Final Energy Consumption	59.58	60.25	59.14	64.27	62.06	63.49	65.75	65.22	60.27	58.93	55.72	56.37	54.52	55.80	56.94
by fuel/product															
Solid fuels	17.07	19.19	19.28	22.75	20.54	23.30	23.66	21.90	17.25	16.23	13.73	13.25	12.33	11.53	11.26
Oil	9.10	9.23	9.55	10.29	11.02	11.58	13.15	14.47	15.17	16.16	15.45	15.42	15.08	16.21	17.33
Gas	7.99	7.17	6.92	7.03	7.23	7.73	7.53	8.02	7.69	7.20	7.45	7.68	7.60	7.96	8.34
Electricity	8.23	7.68	7.36	7.44	7.33	7.70	8.02	8.14	8.16	7.92	8.32	8.33	8.21	8.44	8.58
Renewables	1.11	0.89	0.95	3.47	3.35	3.73	3.64	3.62	3.62	3.48	3.53	3.75	3.81	3.84	3.89
Other	16.08	16.09	15.08	13.29	12.59	9.44	9.74	9.08	8.38	7.95	7.25	7.94	7.49	7.80	7.54
by sector															
Industry	25.25	22.73	20.89	21.70	21.18	22.72	24.17	23.95	21.11	18.45	18.88	17.36	16.57	17.28	17.74
Transport	7.34	7.54	7.72	7.58	7.97	8.26	9.26	9.64	9.51	10.53	9.18	9.17	8.98	10.19	11.32
Households	18.13	20.42	21.26	25.46	24.04	23.28	22.90	22.09	19.79	19.84	17.52	19.22	18.10	17.67	17.42
Commerce, etc.	8.87	9.56	9.27	9.52	8.87	9.23	9.42	9.56	9.86	10.11	10.14	10.62	10.87	10.67	10.45
Non-Energy Uses	4.19	3.37	3.12	3.17	3.37	3.65	3.93	3.97	3.87	3.50	4.22	3.70	3.49	3.99	4.09
CO₂ Emissions (Mt) (**)	336	340	333	339	332	334	345	338	313	305	292	292	281	291	292
Energy intensity (toe/M€'00)	780	828	797	801	725	700	683	631	564	526	489	483	469	464	444
CO₂ intensity (tCO₂/toe)	3.35	3.44	3.42	3.34	3.43	3.34	3.33	3.30	3.26	3.26	3.22	3.22	3.15	3.17	3.16
Import dependency, %	2.2	4.0	4.2	2.8	0.0	-0.2	5.2	6.3	8.3	10.1	11.1	10.3	11.2	13.0	14.7
Energy per capita (kgoe/cap)	2624	2583	2539	2640	2511	2592	2684	2652	2487	2425	2361	2374	2338	2402	2423
CO₂ per capita (kg/cap)	8804	8888	8682	8819	8619	8664	8925	8743	8105	7899	7598	7639	7357	7619	7652

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Portugal

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	2.81	2.77	2.30	2.63	2.82	2.60	3.16	3.05	3.04	2.66	3.11	3.90	3.64	4.34	3.90
Solid fuels	0.12	0.11	0.09	0.08	0.06										
Oil															
Gas															
Nuclear															
Renewables	2.69	2.66	2.21	2.55	2.76	2.60	3.16	3.05	3.04	2.66	3.11	3.90	3.64	4.34	3.89
Industrial waste															0.01
Net Imports	15.16	15.06	16.57	15.94	16.03	17.88	16.66	18.44	19.41	22.08	21.59	21.54	22.25	22.09	22.42
Solid fuels	2.79	2.73	2.84	3.05	3.22	3.80	3.39	3.62	3.20	3.74	3.91	2.97	3.47	3.27	3.21
Oil	12.37	12.32	13.62	12.87	12.73	14.00	13.17	14.46	15.48	16.47	15.56	16.30	15.89	15.93	15.35
Gas								0.10	0.70	1.95	2.04	2.25	2.73	2.64	3.30
Electricity	0.00	0.01	0.12	0.02	0.08	0.08	0.10	0.25	0.02	-0.07	0.08	0.02	0.16	0.24	0.56
Renewables															
Derived heat															
Gross Inland Consumption	16.89	17.17	18.34	17.99	18.58	19.61	19.56	20.74	22.25	23.89	24.11	24.76	25.97	25.37	26.17
Solid fuels	2.58	2.94	2.95	3.13	3.31	3.49	3.46	3.49	3.17	3.79	3.80	3.19	3.48	3.28	3.37
Oil	11.61	11.56	13.07	12.29	12.44	13.44	12.84	13.87	15.32	15.57	15.08	15.40	15.95	14.87	15.04
Gas								0.09	0.70	1.95	2.03	2.26	2.73	2.64	3.30
Nuclear															
Renewables	2.69	2.66	2.21	2.55	2.76	2.60	3.16	3.05	3.04	2.66	3.11	3.90	3.64	4.34	3.89
Other	0.00	0.01	0.12	0.02	0.08	0.08	0.10	0.25	0.02	-0.07	0.08	0.02	0.16	0.24	0.56
Elec. Generation (TWh)	28.50	29.87	30.09	31.21	31.38	33.27	34.52	34.20	38.98	43.27	43.76	46.51	46.11	46.86	45.11
Coal (TWh)	9.06	9.75	10.17	11.38	11.57	13.41	12.55	12.96	11.98	15.05	14.60	13.61	15.21	14.53	14.86
Oil (TWh)	9.40	10.07	13.87	10.09	8.05	10.31	6.04	6.78	10.69	11.01	8.42	9.34	11.41	6.16	5.70
Gas (TWh)	0.05	0.06	0.09	0.08	0.08	0.05	0.04	0.17	2.09	8.16	7.23	7.23	9.04	7.74	11.69
Nuclear (TWh)															
Renewables (TWh) (*)	9.85	9.86	5.54	9.45	11.64	9.39	15.79	14.23	14.15	8.72	13.12	16.00	9.99	18.09	12.58
Other (TWh)	0.15	0.13	0.43	0.20	0.05	0.11	0.10	0.07	0.07	0.35	0.39	0.34	0.46	0.34	0.29
Final Energy Consumption	11.21	11.65	12.04	12.17	12.76	13.04	13.86	14.55	15.42	15.98	16.94	18.07	18.34	18.33	20.12
by fuel/product															
Solid fuels	0.62	0.66	0.61	0.60	0.62	0.55	0.60	0.49	0.41	0.40	0.47	0.20	0.18	0.14	0.09
Oil	6.68	7.05	7.43	7.55	8.04	8.19	8.82	9.41	9.97	10.09	10.47	10.80	10.73	10.56	12.16
Gas	0.10	0.08	0.10	0.10	0.09	0.10	0.09	0.13	0.34	0.59	0.85	1.05	1.18	1.21	1.28
Electricity	2.02	2.14	2.21	2.23	2.32	2.48	2.60	2.75	2.91	3.11	3.30	3.43	3.57	3.71	3.84
Renewables	1.75	1.69	1.66	1.66	1.66	1.70	1.70	1.71	1.70	1.71	1.72	2.42	2.48	2.49	2.50
Other	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.07	0.08	0.09	0.13	0.16	0.20	0.23	0.26
by sector															
Industry	4.14	4.20	4.14	4.02	4.31	4.25	4.40	4.89	5.24	5.26	5.52	6.31	5.81	5.85	7.21
Transport	3.73	3.99	4.32	4.48	4.69	4.85	5.11	5.27	5.70	6.04	6.52	6.55	7.13	7.09	7.28
Households	2.29	2.36	2.43	2.49	2.54	2.57	2.67	2.67	2.67	2.78	2.80	2.86	3.12	3.12	3.03
Commerce, etc.	1.05	1.10	1.16	1.19	1.22	1.37	1.68	1.73	1.80	1.89	2.10	2.35	2.28	2.29	2.60
Non-Energy Uses	2.10	1.77	1.91	1.77	1.85	1.87	1.79	1.90	2.16	2.33	2.33	1.90	1.94	2.23	0.90
CO₂ Emissions (Mt) (**)	39	41	45	44	44	48	46	49	53	59	59	59	62	58	64
Energy intensity (toe/M€'00)	184	179	189	189	194	196	189	192	197	203	197	198	207	204	208
CO₂ intensity (tCO₂/toe)	2.31	2.37	2.44	2.43	2.39	2.46	2.36	2.34	2.36	2.48	2.43	2.38	2.39	2.27	2.46
Import dependency, %	86.7	84.7	87.5	86.2	84.0	89.0	83.1	86.8	85.8	90.2	87.2	85.4	84.1	85.1	83.6
Energy per capita (kgoe/cap)	1692	1723	1840	1802	1858	1955	1945	2056	2196	2349	2358	2405	2504	2430	2492
CO₂ per capita (kg/cap)	3910	4089	4489	4380	4438	4815	4580	4821	5186	5820	5723	5716	5997	5508	6121

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Slovenia

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	2.90	2.93	3.04	2.87	2.97	3.02	2.96	2.96	3.04	2.86	3.09	3.15	3.36	3.25	3.45
Solid fuels	1.43	1.32	1.43	1.30	1.20	1.22	1.16	1.14	1.20	1.09	1.06	1.01	1.18	1.18	1.20
Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
Gas	0.02	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.00
Nuclear	1.19	1.28	1.03	1.03	1.20	1.25	1.19	1.31	1.30	1.21	1.23	1.36	1.43	1.34	1.41
Renewables	0.25	0.31	0.56	0.52	0.56	0.54	0.60	0.50	0.53	0.55	0.79	0.78	0.76	0.71	0.82
Industrial waste											0.00	0.00	0.00	0.01	0.01
Net Imports	2.57	2.33	2.14	2.56	2.72	3.03	3.46	3.56	3.33	3.55	3.37	3.38	3.44	3.69	3.71
Solid fuels	0.13	0.14	0.12	0.17	0.15	0.19	0.22	0.19	0.23	0.30	0.25	0.27	0.31	0.30	0.34
Oil	1.80	1.66	1.58	1.92	2.11	2.23	2.66	2.73	2.45	2.52	2.42	2.42	2.42	2.46	2.55
Gas	0.72	0.70	0.60	0.60	0.63	0.75	0.72	0.78	0.81	0.85	0.82	0.84	0.81	0.90	0.89
Electricity	-0.08	-0.17	-0.16	-0.12	-0.17	-0.14	-0.14	-0.15	-0.17	-0.12	-0.11	-0.15	-0.10	0.01	-0.07
Renewables															
Derived heat															
Gross Inland Consumption	5.52	5.37	5.24	5.46	5.67	6.07	6.38	6.47	6.40	6.42	6.41	6.73	6.87	6.91	7.11
Solid fuels	1.65	1.54	1.60	1.49	1.38	1.40	1.33	1.36	1.43	1.31	1.31	1.43	1.57	1.49	1.54
Oil	1.75	1.69	1.59	1.92	2.07	2.28	2.68	2.65	2.49	2.61	2.38	2.47	2.40	2.43	2.51
Gas	0.76	0.73	0.62	0.61	0.63	0.75	0.73	0.79	0.82	0.85	0.83	0.85	0.82	0.91	0.90
Nuclear	1.19	1.28	1.03	1.03	1.20	1.25	1.19	1.31	1.30	1.21	1.23	1.36	1.43	1.34	1.41
Renewables	0.25	0.31	0.56	0.52	0.56	0.54	0.60	0.50	0.53	0.55	0.79	0.78	0.76	0.71	0.82
Other	-0.08	-0.17	-0.16	-0.12	-0.17	-0.14	-0.14	-0.15	-0.17	-0.12	-0.11	-0.15	-0.10	0.02	-0.06
Elec. Generation (TWh)	12.44	12.74	12.09	11.69	12.63	12.65	12.78	13.18	13.73	13.26	13.62	14.47	14.69	13.82	15.27
Coal (TWh)	3.82	3.54	4.37	4.43	4.34	4.34	4.19	4.71	4.99	4.48	4.61	4.92	5.30	5.11	5.19
Oil (TWh)	0.57	0.25	0.31	0.26	0.27	0.26	0.26	0.35	0.14	0.14	0.06	0.13	0.07	0.05	0.04
Gas (TWh)	0.49	0.40	0.03	0.02	0.02	0.03	0.01	0.01	0.11	0.17	0.29	0.30	0.29	0.37	0.36
Nuclear (TWh)	4.62	4.95	3.97	3.96	4.61	4.78	4.65	5.02	5.04	4.70	4.76	5.26	5.53	5.21	5.46
Renewables (TWh) (*)	2.95	3.61	3.41	3.02	3.40	3.24	3.67	3.09	3.45	3.77	3.90	3.87	3.51	3.08	4.22
Other (TWh)												0.00		0.01	0.01
Final Energy Consumption	3.37	3.33	3.29	3.58	3.76	3.94	4.36	4.47	4.27	4.35	4.43	4.57	4.59	4.68	4.79
by fuel/product															
Solid fuels	0.24	0.26	0.20	0.17	0.13	0.11	0.12	0.09	0.07	0.09	0.10	0.09	0.10	0.09	0.08
Oil	1.51	1.53	1.45	1.77	1.91	2.10	2.42	2.48	2.31	2.34	2.23	2.32	2.27	2.30	2.33
Gas	0.60	0.54	0.44	0.43	0.47	0.47	0.54	0.60	0.61	0.62	0.57	0.60	0.59	0.63	0.67
Electricity	0.84	0.80	0.75	0.75	0.80	0.81	0.82	0.85	0.87	0.89	0.90	0.94	1.01	1.04	1.08
Renewables			0.26	0.26	0.26	0.26	0.26	0.26	0.22	0.22	0.43	0.43	0.43	0.42	0.43
Other	0.18	0.19	0.19	0.19	0.18	0.19	0.20	0.19	0.20	0.19	0.20	0.20	0.18	0.19	0.20
by sector															
Industry	1.47	1.30	1.15	1.13	1.22	1.18	1.19	1.23	1.16	1.21	1.42	1.31	1.24	1.50	1.53
Transport	0.93	0.86	0.89	1.07	1.19	1.33	1.50	1.56	1.38	1.31	1.31	1.36	1.32	1.34	1.38
Households	0.85	1.04	1.02	1.11	1.10	1.18	1.34	1.05	1.05	1.10	1.12	1.12	1.14	1.25	1.24
Commerce, etc.	0.12	0.13	0.23	0.27	0.24	0.26	0.34	0.64	0.68	0.73	0.58	0.79	0.90	0.60	0.64
Non-Energy Uses	0.01	0.02	0.03	0.01	0.06	0.12	0.15	0.12	0.21	0.23	0.23	0.23	0.21	0.26	0.30
CO₂ Emissions (Mt) (**)	13	12	12	13	13	14	15	15	15	14	14	15	15	15	15
Energy intensity (toe/M€'00)	319	341	352	357	352	362	366	354	338	321	308	315	311	304	301
CO₂ intensity (tCO₂/toe)	2.38	2.31	2.36	2.41	2.36	2.31	2.36	2.37	2.32	2.22	2.18	2.20	2.18	2.15	2.12
Import dependency, %	46.5	43.3	40.8	46.8	47.9	49.8	54.2	55.0	51.9	55.3	52.5	50.2	50.1	53.3	52.1
Energy per capita (kgoe/cap)	2761	2686	2627	2743	2851	3054	3206	3258	3230	3238	3224	3380	3445	3461	3562
CO₂ per capita (kg/cap)	6585	6194	6209	6623	6723	7069	7578	7720	7508	7174	7029	7422	7508	7429	7535

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Slovak Republic

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	5.25	4.79	4.44	4.61	5.04	4.81	4.69	4.57	4.71	5.16	5.97	6.69	6.80	6.57	6.46
Solid fuels	1.40	1.21	1.02	1.04	1.08	1.02	1.03	1.06	1.06	1.08	1.02	0.98	0.93	0.82	0.82
Oil	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.07	0.06	0.36	0.33	0.32	0.34
Gas	0.34	0.23	0.21	0.20	0.22	0.26	0.24	0.22	0.20	0.16	0.13	0.15	0.15	0.17	0.14
Nuclear	3.10	3.02	2.85	2.84	3.13	2.95	2.90	2.79	2.94	3.38	4.25	4.41	4.63	4.61	4.39
Renewables	0.33	0.26	0.28	0.47	0.54	0.50	0.45	0.44	0.44	0.46	0.51	0.76	0.72	0.63	0.74
Industrial waste												0.03	0.05	0.02	0.02
Net Imports	16.09	13.78	13.16	12.47	12.03	12.48	13.36	13.24	12.57	11.70	11.62	11.69	12.12	12.15	12.58
Solid fuels	6.06	5.55	4.63	4.95	4.58	4.13	4.54	4.18	3.42	3.33	3.44	3.45	3.29	3.66	3.76
Oil	4.23	3.58	3.44	3.17	3.11	3.70	3.45	3.55	3.59	3.12	2.71	2.89	3.32	3.19	3.31
Gas	5.35	4.27	4.79	4.25	4.30	4.53	5.06	5.16	5.36	5.24	5.71	5.67	5.87	5.50	5.68
Electricity	0.45	0.37	0.30	0.10	0.04	0.12	0.31	0.35	0.19	0.01	-0.23	-0.32	-0.36	-0.19	-0.16
Renewables												0.00	0.00	0.00	-0.01
Derived heat															
Gross Inland Consumption	20.97	18.90	17.72	17.40	17.14	17.69	17.84	17.77	17.57	17.37	17.48	18.74	18.86	18.76	18.61
Solid fuels	7.77	6.92	5.77	6.10	5.52	5.41	5.30	5.05	4.70	4.56	4.26	4.42	4.28	4.60	4.52
Oil	4.23	3.80	3.54	2.96	3.21	3.49	3.38	3.56	3.63	3.21	2.92	3.26	3.68	3.43	3.60
Gas	5.09	4.53	4.98	4.93	4.71	5.22	5.50	5.58	5.67	5.74	5.78	6.17	5.87	5.67	5.50
Nuclear	3.10	3.02	2.85	2.84	3.13	2.95	2.90	2.79	2.94	3.38	4.25	4.41	4.63	4.61	4.39
Renewables	0.33	0.26	0.28	0.47	0.54	0.50	0.45	0.44	0.44	0.46	0.50	0.76	0.72	0.63	0.74
Other	0.45	0.37	0.30	0.10	0.04	0.12	0.31	0.35	0.19	0.01	-0.23	-0.28	-0.31	-0.18	-0.14
Elec. Generation (TWh)	24.07	22.75	22.35	23.42	24.80	26.31	25.29	24.55	25.47	27.74	30.69	32.05	32.43	31.18	30.56
Coal (TWh)	7.51	5.95	5.83	5.75	4.86	5.96	5.89	5.79	5.86	6.37	5.58	5.82	5.16	5.97	5.68
Oil (TWh)	0.81	1.64	1.63	1.56	0.96	1.24	1.22	1.22	1.23	0.34	0.20	0.69	0.70	0.71	0.74
Gas (TWh)	1.20	1.57	1.51	1.22	2.23	2.45	2.39	2.39	2.41	3.14	3.43	3.10	2.93	2.83	2.84
Nuclear (TWh)	12.04	11.69	11.05	11.02	12.14	11.44	11.26	10.80	11.39	13.12	16.49	17.10	17.95	17.86	17.03
Renewables (TWh) (*)	1.88	1.41	1.94	3.47	4.36	4.96	4.30	4.14	4.30	4.53	4.73	4.93	5.27	3.48	4.10
Other (TWh)	0.64	0.49	0.40	0.40	0.25	0.27	0.23	0.22	0.27	0.24	0.25	0.40	0.42	0.33	0.18
Final Energy Consumption	14.76	12.45	11.92	10.66	10.46	10.63	10.54	10.61	10.43	10.19	10.36	10.42	10.69	10.19	10.02
by fuel/product															
Solid fuels	4.32	3.64	3.03	2.96	2.52	2.32	2.05	1.97	1.73	1.43	1.51	1.28	1.43	1.39	1.45
Oil	3.29	2.46	2.36	1.52	1.95	1.87	1.48	1.82	1.84	1.81	1.87	1.99	2.33	1.97	2.03
Gas	4.32	3.66	4.00	3.84	3.62	3.91	4.18	4.14	4.30	4.43	4.54	3.81	3.73	3.55	3.13
Electricity	2.01	1.88	1.75	1.74	1.78	1.87	2.02	1.96	1.81	1.96	1.89	2.02	1.95	1.98	2.07
Renewables	0.17	0.14	0.12	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.24	0.21	0.27	0.31
Other	0.65	0.67	0.66	0.59	0.57	0.65	0.80	0.70	0.75	0.57	0.55	1.08	1.03	1.04	1.02
by sector															
Industry	6.71	5.71	5.55	4.56	4.64	4.34	4.15	4.10	3.75	3.57	3.95	3.98	4.23	4.31	4.16
Transport	1.44	1.39	1.38	1.24	1.38	1.51	1.38	1.58	1.59	1.60	1.55	1.41	1.79	1.60	1.59
Households	2.23	1.88	1.77	1.69	1.76	1.94	2.20	2.33	2.42	2.52	2.54	3.06	2.95	2.82	2.66
Commerce, etc.	4.38	3.47	3.22	3.17	2.68	2.84	2.80	2.59	2.66	2.50	2.32	1.97	1.71	1.46	1.61
Non-Energy Uses	1.20	0.94	0.64	0.62	0.56	0.65	0.83	0.88	0.82	0.92	1.11	1.20	1.28	1.11	1.04
CO₂ Emissions (Mt) (**)	53	46	44	41	39	39	38	39	37	37	35	37	36	37	36
Energy intensity (toe/M€'00)			1166	1069	991	967	918	875	830	808	797	824	792	755	709
CO₂ intensity (tCO₂/toe)	2.53	2.43	2.46	2.37	2.27	2.22	2.13	2.17	2.12	2.10	2.00	1.98	1.93	1.95	1.92
Import dependency, %	76.7	72.9	74.3	71.7	70.2	70.6	74.9	74.5	71.5	67.4	66.5	62.4	64.3	64.7	67.6
Energy per capita (kgoe/cap)	3957	3564	3340	3267	3206	3299	3319	3301	3259	3219	3237	3469	3507	3488	3458
CO₂ per capita (kg/cap)	10023	8668	8207	7739	7288	7331	7082	7172	6914	6773	6464	6860	6757	6819	6647

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Finland

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	11.74	10.98	12.01	11.82	12.99	13.16	13.61	15.00	13.31	15.30	15.04	15.30	16.06	15.98	15.91
Solid fuels	1.46	0.80	1.65	1.01	2.16	2.06	2.25	2.66	0.43	1.97	1.21	1.62	2.11	1.83	0.78
Oil						0.02	0.01	0.02	0.09	0.02	0.02	0.02	0.14	0.06	0.19
Gas															
Nuclear	5.01	5.08	5.02	5.18	5.01	4.96	5.02	5.39	5.37	5.93	5.80	5.87	5.75	5.86	5.86
Renewables	5.27	5.10	5.34	5.64	5.82	6.13	6.17	6.75	7.26	7.26	7.80	7.57	7.85	7.94	8.86
Industrial waste							0.15	0.17	0.16	0.13	0.21	0.21	0.22	0.28	0.22
Net Imports	18.03	17.04	15.81	16.47	20.45	15.42	17.33	18.53	18.32	17.22	18.54	18.91	18.76	22.29	20.81
Solid fuels	4.38	3.74	3.12	3.95	5.21	3.77	4.48	4.65	3.15	2.63	3.53	4.21	3.96	6.62	5.51
Oil	10.48	10.29	9.49	9.30	11.84	8.21	9.58	10.32	11.04	10.29	10.57	10.14	10.13	11.22	10.98
Gas	2.26	2.39	2.48	2.57	2.84	2.84	2.97	2.91	3.34	3.34	3.42	3.71	3.68	4.08	3.95
Electricity	0.92	0.63	0.72	0.65	0.56	0.60	0.31	0.66	0.80	0.96	1.02	0.86	1.03	0.42	0.42
Renewables													-0.04	-0.05	-0.06
Derived heat															
Gross Inland Consumption	28.70	29.01	27.91	28.86	30.56	28.83	30.93	32.76	33.23	32.81	32.51	33.31	35.22	37.25	37.71
Solid fuels	5.07	5.17	4.87	5.39	6.45	5.95	7.07	6.71	5.45	5.27	5.05	6.15	6.49	8.32	7.52
Oil	9.94	10.40	9.41	9.40	9.89	8.34	9.23	10.17	10.86	9.92	9.21	8.94	10.25	10.39	10.93
Gas	2.26	2.39	2.48	2.57	2.84	2.84	2.97	2.91	3.34	3.34	3.42	3.71	3.68	4.08	3.95
Nuclear	5.01	5.08	5.02	5.18	5.01	4.96	5.02	5.39	5.37	5.93	5.80	5.87	5.75	5.86	5.86
Renewables	5.51	5.33	5.40	5.67	5.81	6.14	6.17	6.75	7.26	7.26	7.80	7.57	7.81	7.90	8.80
Other	0.92	0.63	0.72	0.65	0.56	0.60	0.47	0.83	0.96	1.09	1.23	1.07	1.24	0.70	0.64
Elec. Generation (TWh)	54.36	62.39	57.73	61.08	65.64	63.90	69.37	69.19	70.17	69.43	69.99	74.45	74.90	84.23	85.82
Coal (TWh)	12.75	13.66	11.35	14.15	19.16	15.85	21.26	19.12	13.71	13.39	12.50	16.87	19.06	26.20	23.03
Oil (TWh)	1.68	1.18	1.40	1.41	1.71	1.38	1.57	1.32	1.57	0.77	0.61	0.65	0.60	0.93	0.61
Gas (TWh)	4.83	5.38	5.66	6.17	7.06	7.76	8.07	7.21	9.07	10.77	10.78	12.20	11.97	14.51	13.28
Nuclear (TWh)	19.22	19.51	19.26	19.93	19.43	19.22	19.48	20.89	21.85	22.97	22.48	22.77	22.30	22.73	22.72
Renewables (TWh) (*)	15.89	18.28	19.70	19.02	17.92	19.57	18.59	19.40	21.77	21.19	23.30	21.69	20.58	19.38	25.70
Other (TWh)		4.39	0.36	0.41	0.36	0.12	0.40	1.24	2.20	0.33	0.32	0.28	0.39	0.47	0.48
Final Energy Consumption	21.63	21.20	21.24	21.34	22.25	22.01	22.35	23.48	24.19	24.64	24.54	24.74	25.53	25.97	26.54
by fuel/product															
Solid fuels	1.57	1.37	1.41	1.29	1.35	1.30	1.01	1.04	1.29	1.20	1.07	1.17	1.10	0.98	0.96
Oil	8.06	7.91	7.74	7.41	7.66	7.51	7.20	7.49	7.69	7.78	7.82	7.67	8.03	8.15	8.25
Gas	1.51	1.59	1.66	1.62	1.73	1.51	1.60	1.77	1.85	1.88	1.37	1.38	1.36	1.31	1.28
Electricity	5.07	5.08	5.14	5.35	5.59	5.62	5.72	6.05	6.26	6.38	6.49	6.65	6.85	6.95	7.15
Renewables	3.52	3.22	3.26	3.55	3.74	3.94	3.97	4.31	4.47	4.55	4.99	4.82	4.96	4.77	5.33
Other	1.91	2.02	2.03	2.12	2.18	2.13	2.85	2.81	2.64	2.85	2.80	3.06	3.23	3.81	3.57
by sector															
Industry	9.57	9.07	9.06	9.40	10.01	9.96	10.19	11.08	11.48	12.05	12.14	11.63	12.23	12.53	13.18
Transport	4.27	4.14	4.09	4.03	4.16	4.11	4.03	4.24	4.30	4.40	4.39	4.48	4.50	4.64	4.74
Households	5.32	5.54	5.58	5.40	5.61	5.46	4.85	5.22	5.38	5.16	4.92	4.95	5.11	5.18	4.99
Commerce, etc.	2.48	2.45	2.51	2.51	2.48	2.49	3.28	2.94	3.03	3.03	3.09	3.68	3.69	3.63	3.63
Non-Energy Uses	1.44	1.59	1.59	1.45	2.36	1.15	1.21	1.19	1.30	0.90	0.90	0.97	0.90	0.95	0.94
CO₂ Emissions (Mt) (**)	53	53	51	53	59	55	60	60	56	56	55	60	63	72	68
Energy intensity (toe/M€'00)	263	284	284	298	303	277	286	285	276	263	248	252	261	269	263
CO₂ intensity (tCO₂/toe)	1.85	1.83	1.84	1.84	1.94	1.92	1.94	1.82	1.70	1.71	1.70	1.81	1.78	1.93	1.80
Import dependency, %	61.6	57.7	55.3	56.1	66.0	52.9	55.4	55.9	54.3	51.6	55.9	55.8	52.3	58.9	54.4
Energy per capita (kgoe/cap)	5756	5785	5535	5697	6006	5645	6034	6373	6449	6352	6281	6421	6772	7145	7214
CO₂ per capita (kg/cap)	10667	10579	10158	10478	11639	10863	11688	11621	10931	10851	10688	11606	12069	13811	12964

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Sweden

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	29.73	31.48	29.26	29.13	30.91	31.51	31.64	32.17	33.26	33.35	30.17	33.71	31.90	31.23	34.52
Solid fuels	0.22	0.27	0.31	0.30	0.27	0.32	0.31	0.28	0.34	0.25	0.23	0.27	0.34	0.34	0.38
Oil	0.00	0.00	0.00		0.00	0.00									
Gas															
Nuclear	17.76	20.00	16.56	15.98	18.87	18.04	19.16	18.04	18.55	18.88	14.78	18.60	17.57	17.39	19.99
Renewables	11.74	11.20	12.38	12.84	11.76	13.15	12.17	13.86	14.28	14.13	15.13	14.81	13.94	13.44	14.13
Industrial waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.08	0.10	0.03	0.03	0.05	0.05	0.02
Net Imports	17.92	17.43	17.40	18.26	20.29	19.28	21.18	19.69	19.77	18.10	19.17	19.12	19.72	22.68	20.05
Solid fuels	2.33	2.16	2.09	2.22	2.47	2.66	2.38	2.52	2.28	2.20	2.34	2.37	2.29	2.49	2.51
Oil	15.17	14.76	14.80	15.32	17.04	16.01	17.46	16.60	17.61	15.75	15.65	16.50	16.09	18.20	16.84
Gas	0.58	0.62	0.70	0.76	0.75	0.75	0.81	0.80	0.79	0.79	0.78	0.88	0.89	0.89	0.88
Electricity	-0.15	-0.11	-0.18	-0.05	0.02	-0.14	0.53	-0.23	-0.92	-0.64	0.40	-0.63	0.46	1.10	-0.18
Renewables															
Derived heat															
Gross Inland Consumption	47.17	48.80	46.40	46.69	49.73	50.45	51.66	50.35	50.78	50.89	47.94	51.56	51.53	51.12	53.14
Solid fuels	2.68	2.66	2.54	2.72	2.90	2.89	3.06	2.61	2.58	2.44	2.44	2.75	2.85	2.68	2.94
Oil	14.55	14.43	14.41	14.43	15.42	15.75	15.92	15.28	15.41	15.20	14.38	15.12	15.77	15.57	15.35
Gas	0.58	0.62	0.70	0.76	0.75	0.75	0.81	0.80	0.79	0.79	0.78	0.88	0.89	0.89	0.88
Nuclear	17.76	20.00	16.56	15.98	18.87	18.04	19.16	18.04	18.55	18.88	14.78	18.60	17.57	17.39	19.99
Renewables	11.74	11.20	12.38	12.84	11.76	13.15	12.17	13.86	14.28	14.13	15.13	14.81	13.94	13.44	14.13
Other	-0.15	-0.11	-0.18	-0.05	0.03	-0.14	0.53	-0.23	-0.84	-0.55	0.43	-0.60	0.51	1.15	-0.16
Elec. Generation (TWh)	146.92	147.83	146.77	146.24	143.57	148.38	140.63	149.42	158.28	155.17	145.59	161.62	146.73	135.44	151.73
Coal (TWh)	1.74	2.45	2.68	2.27	2.70	2.45	3.86	2.11	2.10	2.24	1.64	1.88	2.36	2.85	1.01
Oil (TWh)	1.20	2.08	2.63	3.10	4.13	3.95	7.22	3.83	3.26	3.09	1.73	2.48	3.09	3.87	1.96
Gas (TWh)	0.40	0.51	0.65	1.55	1.26	1.34	1.17	1.40	1.54	1.40	1.42	1.55	1.67	2.02	1.56
Nuclear (TWh)	68.19	76.76	63.54	61.40	73.16	69.94	74.27	69.93	73.58	73.19	57.32	72.11	68.11	67.42	77.49
Renewables (TWh) (*)	74.63	65.34	76.45	76.94	61.40	70.65	54.08	72.05	77.40	74.71	83.25	83.42	71.30	59.23	68.92
Other (TWh)	0.76	0.69	0.82	0.99	0.93	0.06	0.04	0.10	0.38	0.54	0.24	0.18	0.21	0.06	0.80
Final Energy Consumption	30.51	30.82	30.72	32.40	32.97	33.70	34.62	34.00	34.23	34.10	34.55	33.18	33.69	34.11	33.95
by fuel/product															
Solid fuels	1.23	1.18	1.07	1.13	1.12	1.19	1.18	1.13	1.07	1.01	1.14	1.15	1.34	1.21	1.21
Oil	12.00	11.82	12.19	12.09	12.59	12.57	12.85	12.52	12.54	12.51	12.65	11.20	11.37	11.82	11.62
Gas	0.59	0.57	0.57	0.62	0.61	0.61	0.66	0.65	0.67	0.69	0.67	0.75	0.70	0.74	0.73
Electricity	10.35	10.49	10.33	10.42	10.53	10.71	10.83	10.78	10.87	10.88	11.07	11.41	11.29	11.13	11.21
Renewables	4.63	4.77	4.56	4.69	4.65	5.07	5.19	5.41	5.40	5.23	5.47	4.68	4.98	5.15	5.09
Other	1.71	1.99	2.00	3.45	3.48	3.54	3.91	3.50	3.67	3.77	3.55	3.99	4.01	4.06	4.09
by sector															
Industry	11.86	11.76	11.37	11.95	12.07	12.62	12.86	12.96	13.04	13.06	13.62	12.57	12.70	12.94	13.23
Transport	7.26	7.17	7.46	7.30	7.56	7.67	7.62	7.70	7.78	8.00	8.13	8.57	7.97	8.10	8.22
Households	6.84	7.45	7.53	8.22	8.32	8.03	8.50	8.23	8.17	7.68	7.54	7.50	7.60	7.65	7.14
Commerce, etc.	4.55	4.44	4.37	4.92	5.02	5.38	5.64	5.12	5.23	5.35	5.26	4.54	5.42	5.42	5.36
Non-Energy Uses	1.77	1.54	1.54	1.32	1.66	1.77	1.88	1.92	1.66	1.66	1.46	2.11	2.28	2.03	2.04
CO₂ Emissions (Mt) (**)	50	51	52	53	55	54	59	53	54	53	52	49	50	52	51
Energy intensity (toe/M€'00)	218	228	219	225	231	225	228	217	211	202	183	194	190	186	186
CO₂ intensity (tCO₂/toe)	1.07	1.04	1.12	1.13	1.10	1.07	1.14	1.05	1.06	1.04	1.08	0.94	0.97	1.02	0.96
Import dependency, %	37.5	35.1	36.8	38.4	40.0	37.5	40.1	38.1	37.8	34.5	38.9	36.1	37.4	43.0	36.5
Energy per capita (kgoe/cap)	5511	5664	5353	5355	5663	5715	5843	5692	5737	5745	5404	5796	5773	5707	5908
CO₂ per capita (kg/cap)	5898	5887	5996	6026	6213	6118	6666	5995	6090	5970	5817	5454	5621	5825	5672

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for United Kingdom

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
Production	205.51	211.10	211.09	219.08	239.21	249.87	262.29	262.45	269.71	277.57	268.72	258.40	254.77	243.28	223.11	
Solid fuels	54.13	54.65	48.77	39.43	29.00	30.52	30.09	29.43	25.87	22.08	18.58	18.95	17.81	16.80	15.65	
Oil	92.81	92.53	95.80	101.65	128.94	132.39	132.20	130.37	134.51	139.28	128.01	118.37	117.99	107.76	96.94	
Gas	40.93	45.57	46.34	54.48	58.16	63.71	75.89	77.30	81.17	89.20	97.55	95.26	93.41	92.63	86.41	
Nuclear	16.57	17.29	18.74	22.09	21.20	21.25	22.18	23.25	25.83	24.54	21.94	23.18	22.66	22.88	20.64	
Renewables	1.05	1.05	1.41	1.41	1.87	1.95	1.89	2.07	2.30	2.44	2.60	2.59	2.86	3.17	3.48	
Industrial waste	0.02	0.02	0.03	0.03	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
Net Imports	5.93	11.27	9.24	0.95	-30.03	-36.02	-33.26	-34.41	-36.39	-46.95	-39.03	-21.32	-27.56	-13.76	12.09	
Solid fuels	9.12	11.57	13.08	12.15	9.34	10.49	11.75	12.80	14.43	12.69	14.58	21.76	17.44	20.00	22.58	
Oil	-10.40	-7.28	-9.97	-15.87	-42.64	-48.55	-46.81	-48.05	-50.26	-55.32	-45.52	-35.63	-38.74	-26.93	-12.79	
Gas	6.18	5.57	4.69	3.23	1.82	0.64	0.36	-0.59	-1.63	-5.54	-9.31	-8.34	-6.98	-7.02	1.46	
Electricity	1.03	1.41	1.44	1.44	1.45	1.40	1.43	1.43	1.07	1.22	1.22	0.89	0.72	0.19	0.64	
Renewables															0.19	
Derived heat																
Gross Inland Consumption	211.08	215.31	215.39	217.85	218.87	218.01	228.25	222.73	230.34	228.75	230.32	231.75	226.43	230.45	232.14	
Solid fuels	64.30	62.80	59.42	52.35	49.64	45.87	44.23	39.97	41.17	34.22	35.72	39.06	35.66	38.24	38.26	
Oil	80.90	81.87	83.64	82.76	84.44	82.38	82.51	79.75	80.55	82.10	81.40	79.33	78.63	80.05	81.55	
Gas	47.20	50.88	50.71	57.78	60.22	65.12	75.96	76.22	79.38	84.20	87.40	86.65	85.86	85.88	87.39	
Nuclear	16.57	17.29	18.74	22.09	21.20	21.25	22.18	23.25	25.83	24.54	21.94	23.18	22.66	22.88	20.64	
Renewables	1.05	1.05	1.41	1.41	1.87	1.95	1.89	2.07	2.30	2.44	2.60	2.59	2.86	3.17	3.67	
Other	1.04	1.43	1.46	1.47	1.49	1.45	1.48	1.47	1.11	1.26	1.25	0.93	0.76	0.23	0.64	
Elec. Generation (TWh)	318.96	322.84	323.91	323.58	325.40	334.04	347.38	345.38	362.02	368.36	377.31	384.68	387.51	398.67	395.31	
Coal (TWh)	204.92	207.92	194.83	167.08	162.42	157.24	145.83	119.79	122.86	106.11	119.96	131.47	124.30	138.33	131.82	
Oil (TWh)	33.70	30.35	34.15	23.00	17.68	12.48	13.87	8.06	6.49	5.69	8.55	7.23	7.11	4.59	4.87	
Gas (TWh)	5.08	6.06	7.21	36.73	47.67	66.57	85.40	110.52	121.55	148.34	150.59	143.68	153.93	150.85	159.24	
Nuclear (TWh)	65.75	70.54	78.47	89.35	88.28	88.96	94.67	98.15	100.14	95.13	85.06	89.87	87.85	88.69	80.00	
Renewables (TWh) (*)	5.85	6.13	7.56	5.91	7.03	6.90	5.73	7.04	9.03	10.19	10.38	10.00	11.33	11.21	14.75	
Other (TWh)	3.66	1.85	1.70	1.50	2.32	1.89	1.88	1.82	1.95	2.90	2.77	2.43	2.99	5.00	4.62	
Final Energy Consumption	137.39	142.78	139.84	142.27	142.33	142.43	149.92	147.43	148.43	151.01	151.15	152.96	148.47	150.60	152.02	
by fuel/product																
Solid fuels	12.27	12.73	11.76	11.36	10.17	8.89	7.96	7.84	7.24	6.49	5.01	5.84	4.69	4.45	4.73	
Oil	58.77	59.31	58.99	60.59	61.07	60.20	62.20	61.59	61.69	63.11	62.48	62.41	61.94	62.92	65.18	
Gas	41.89	45.71	44.25	45.09	45.78	47.14	52.54	50.49	51.52	50.49	52.21	53.14	50.40	51.55	50.98	
Electricity	23.60	24.17	24.20	24.60	24.44	25.27	26.28	26.59	27.14	27.75	28.33	28.63	28.66	29.01	29.15	
Renewables	0.41	0.42	0.62	0.60	0.83	0.88	0.89	0.86	0.80	0.63	0.57	0.57	0.64	0.72	0.73	
Other	0.46	0.45	0.03	0.03	0.04	0.05	0.04	0.04	0.04	2.53	2.55	2.36	2.14	1.94	1.25	
by sector																
Industry	35.41	36.05	33.41	33.92	34.70	35.13	35.93	36.20	35.20	36.23	35.53	36.32	33.99	35.10	34.56	
Transport	45.45	44.83	45.79	46.75	46.93	46.87	48.74	49.44	50.05	51.82	52.07	51.09	51.61	52.18	53.51	
Households	37.94	41.66	40.90	42.20	40.77	39.57	44.40	41.43	42.76	42.34	43.08	44.56	43.95	44.32	43.35	
Commerce, etc.	18.60	20.24	19.75	19.41	19.94	20.86	20.87	20.36	20.43	20.62	20.47	20.99	18.91	18.99	20.61	
Non-Energy Uses	11.17	11.07	11.95	11.99	12.54	12.55	12.41	11.70	11.65	11.89	11.15	9.70	10.38	11.30	11.31	
CO₂ Emissions (Mt) (**)	568	579	565	550	542	535	552	532	547	534	545	558	541	554	560	
Energy intensity (toe/M€'00)	172	178	178	175	169	163	167	158	158	152	147	145	139	138	135	
CO₂ intensity (tCO₂/toe)	2.69	2.69	2.62	2.52	2.48	2.46	2.42	2.39	2.37	2.34	2.37	2.41	2.39	2.40	2.41	
Import dependency, %	2.8	5.2	4.2	0.4	-13.6	-16.3	-14.4	-15.3	-15.6	-20.3	-16.8	-9.1	-12.1	-5.9	5.2	
Energy per capita (kgoe/cap)	3688	3749	3742	3777	3787	3763	3932	3829	3951	3912	3927	3925	3817	3870	3880	
CO₂ per capita (kg/cap)	9924	10089	9821	9532	9386	9240	9509	9143	9377	9136	9294	9441	9123	9306	9365	

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Part 2 : ENERGY

Chapter 2.7 Accession Countries Candidate Countries and other European Countries

Energy Statistics for Bulgaria

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	9.14	8.75	8.79	9.17	9.32	10.19	10.61	9.80	10.18	8.98	9.85	10.29	10.54	10.12	10.20
Solid fuels	5.12	5.07	5.39	5.21	5.04	5.29	5.40	4.67	5.08	4.19	4.31	4.50	4.43	4.65	4.52
Oil	0.06	0.06	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.03	0.04	0.03	0.03
Gas	0.01	0.01	0.03	0.05	0.05	0.04	0.03	0.03	0.02	0.02	0.01	0.02	0.02	0.01	0.27
Nuclear	3.78	3.40	2.98	3.60	3.96	4.45	4.66	4.58	4.36	4.08	4.69	5.04	5.22	4.46	4.34
Renewables	0.16	0.21	0.34	0.25	0.24	0.37	0.48	0.49	0.68	0.64	0.78	0.70	0.83	0.95	1.01
Industrial waste										0.01	0.01	0.00	0.01	0.03	0.03
Net Imports	17.82	13.70	11.83	13.17	12.02	13.48	13.07	11.07	10.03	8.88	8.68	8.97	8.90	9.18	9.12
Solid fuels	3.53	2.87	2.24	2.69	2.32	2.42	2.56	2.66	2.46	2.07	2.26	2.60	2.50	2.63	2.93
Oil	8.54	6.15	5.31	6.70	5.97	6.51	5.83	4.88	4.77	4.22	4.08	4.24	4.45	4.54	4.33
Gas	5.43	4.50	4.06	3.78	3.74	4.56	4.73	3.85	3.12	2.76	2.74	2.73	2.50	2.36	2.39
Electricity	0.33	0.18	0.23	0.01	-0.01	-0.01	-0.04	-0.31	-0.31	-0.17	-0.40	-0.60	-0.54	-0.34	-0.51
Renewables			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.01	-0.01	-0.01	-0.02
Derived heat															
Gross Inland Consumption	27.96	22.44	20.72	22.06	21.35	23.30	23.09	20.55	20.09	18.15	18.59	19.34	18.96	19.42	18.87
Solid fuels	8.71	8.00	7.55	8.06	7.52	7.67	7.78	7.45	7.46	6.44	6.42	7.25	6.66	7.33	7.25
Oil	9.59	6.04	5.55	6.33	5.83	6.25	5.53	4.65	4.77	4.46	4.16	4.21	4.39	4.50	4.29
Gas	5.40	4.62	4.07	3.80	3.82	4.58	4.68	3.70	3.13	2.69	2.93	2.74	2.40	2.50	2.49
Nuclear	3.78	3.40	2.98	3.60	3.96	4.45	4.66	4.58	4.36	4.08	4.69	5.04	5.22	4.46	4.34
Renewables	0.16	0.21	0.34	0.24	0.24	0.36	0.47	0.48	0.68	0.64	0.78	0.69	0.83	0.94	0.98
Other	0.33	0.18	0.23	0.01	-0.01	-0.01	-0.04	-0.31	-0.31	-0.16	-0.39	-0.59	-0.53	-0.31	-0.47
Elec. Generation (TWh)	42.14	38.92	35.61	38.00	38.13	41.79	42.72	42.80	41.71	38.25	40.92	43.97	42.68	42.60	41.62
Coal (TWh)	14.93	18.83	17.82	17.16	16.89	17.32	17.17	18.11	18.30	16.28	16.94	19.50	17.18	19.24	18.90
Oil (TWh)	1.97	1.35	1.21	1.64	1.63	1.44	1.34	1.27	0.91	0.93	0.66	0.58	0.83	0.79	0.82
Gas (TWh)	8.70	3.11	2.97	3.28	2.82	3.45	3.21	2.73	2.28	2.22	2.18	2.17	1.73	1.99	1.70
Nuclear (TWh)	14.67	13.18	11.55	13.97	15.34	17.26	18.08	17.75	16.90	15.81	18.18	19.55	20.22	17.28	16.82
Renewables (TWh) (*)	1.88	2.44	1.04	1.12	0.82	1.75	2.70	2.77	3.10	2.78	2.69	1.74	2.19	3.03	3.17
Other (TWh)			1.03	0.83	0.65	0.57	0.22	0.17	0.23	0.23	0.28	0.43	0.52	0.28	0.21
Final Energy Consumption	16.09	12.37	10.90	10.72	10.80	11.40	11.52	9.29	9.90	8.80	8.58	8.61	8.69	9.36	9.03
by fuel/product															
Solid fuels	1.48	1.23	1.17	1.31	1.28	1.28	1.36	1.34	1.24	0.95	0.86	0.94	1.03	1.13	1.01
Oil	4.97	3.07	2.83	3.13	3.07	2.89	2.78	2.33	3.38	3.28	2.98	3.08	3.14	3.39	3.38
Gas	2.07	1.77	1.52	1.15	1.43	1.79	1.68	1.94	1.58	1.15	1.23	1.01	0.95	1.07	0.90
Electricity	3.03	2.59	2.25	2.25	2.28	2.47	2.57	2.29	2.22	2.04	2.07	2.11	2.07	2.16	2.14
Renewables		0.11	0.13	0.12	0.14	0.18	0.20	0.23	0.41	0.42	0.55	0.54	0.64	0.68	0.71
Other	4.54	3.60	3.00	2.75	2.61	2.80	2.93	1.15	1.07	0.96	0.88	0.94	0.86	0.94	0.89
by sector															
Industry	8.97	6.87	5.60	4.89	5.34	6.03	5.94	4.55	4.67	3.68	3.64	3.64	3.48	3.77	3.58
Transport	2.52	1.50	1.90	2.27	1.96	1.98	1.83	1.67	1.91	1.94	1.82	1.92	2.02	2.28	2.37
Households	2.23	2.47	2.37	2.48	2.21	2.26	2.54	2.27	2.40	2.20	2.16	2.02	2.17	2.27	2.10
Commerce, etc.	2.37	1.54	1.03	1.07	1.30	1.14	1.21	0.80	0.91	0.98	0.96	1.04	1.02	1.04	0.98
Non-Energy Uses	1.43	1.28	0.84	1.30	1.16	1.24	1.43	1.30	1.16	1.04	1.24	1.27	0.79	0.94	0.98
CO₂ Emissions (Mt) (**)	72	62	57	59	57	58	57	50	48	42	42	45	43	47	44
Energy intensity (toe/M€'00)		1504	1497	1617	1537	1631	1784	1681	1580	1395	1356	1356	1268	1243	1142
CO₂ intensity (tCO₂/toe)	2.59	2.75	2.75	2.70	2.68	2.49	2.49	2.43	2.40	2.33	2.27	2.31	2.24	2.40	2.34
Import dependency, %	63.61	60.28	56.39	59.03	55.61	57.17	56.04	53.21	49.78	48.89	46.54	46.18	46.66	46.94	48.04
Energy per capita (kgoe/cap)	3208	2600	2427	2603	2529	2772	2761	2472	2433	2210	2275	2444	2410	2482	2425
CO₂ per capita (kg/cap)	8310	7157	6668	7021	6781	6908	6863	6005	5838	5140	5164	5649	5404	5956	5671

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Romania

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	41.40	36.85	33.97	33.60	31.93	32.60	35.44	31.77	29.29	28.09	28.77	27.83	29.50	29.61	28.72
Solid fuels	7.94	7.60	7.35	7.62	7.78	7.89	8.05	6.60	5.37	4.65	5.88	5.70	6.10	6.54	6.21
Oil	7.95	6.81	6.86	6.97	7.06	7.10	6.99	6.97	6.76	6.49	6.39	6.31	7.52	7.23	5.96
Gas	22.91	20.06	17.61	16.76	14.82	14.45	13.76	11.91	11.15	11.19	10.97	10.78	10.60	10.43	10.38
Nuclear							0.36	1.39	1.37	1.34	1.41	1.40	1.42	1.27	1.43
Renewables	2.61	2.37	2.15	2.26	2.27	2.80	6.24	4.87	4.64	4.40	4.04	3.42	3.75	4.06	4.66
Industrial waste							0.36	0.04	0.03	0.03	0.09	0.22	0.11	0.09	0.09
Net Imports	20.38	14.90	13.15	12.45	11.30	14.54	14.91	14.79	11.64	7.98	8.10	9.46	9.12	10.23	11.97
Solid fuels	2.44	2.98	3.25	2.16	2.71	2.87	2.69	3.46	2.39	1.71	1.90	2.27	2.75	2.69	3.16
Oil	11.19	7.58	5.96	6.51	4.79	6.85	6.50	7.29	5.38	3.81	3.54	4.99	3.49	3.48	4.81
Gas	5.93	3.74	3.58	3.62	3.74	4.79	5.65	4.03	3.84	2.54	2.71	2.31	3.13	4.24	4.11
Electricity	0.81	0.61	0.36	0.16	0.06	0.03	0.07	0.02	0.04	-0.07	-0.06	-0.11	-0.25	-0.18	-0.10
Renewables															
Derived heat															
Gross Inland Consumption	61.51	52.82	46.12	46.15	43.61	47.11	50.52	45.44	41.27	36.89	37.06	36.81	38.42	40.16	39.59
Solid fuels	10.14	10.87	10.04	10.09	10.42	10.79	10.71	9.77	8.04	6.89	7.75	7.61	8.79	9.40	9.28
Oil	19.11	15.18	12.38	13.27	12.30	13.89	13.68	13.43	12.19	10.57	10.15	11.08	10.96	10.85	10.32
Gas	28.84	23.80	21.19	20.38	18.56	19.24	19.42	15.94	14.98	13.73	13.68	13.18	13.63	14.73	13.94
Nuclear							0.36	1.39	1.37	1.34	1.41	1.40	1.42	1.27	1.43
Renewables	2.61	2.37	2.15	2.26	2.27	2.80	6.24	4.87	4.64	4.40	4.04	3.42	3.75	4.00	4.63
Other	0.81	0.61	0.36	0.16	0.06	0.39	0.11	0.05	0.04	-0.04	0.04	0.11	-0.13	-0.09	-0.01
Elec. Generation (TWh)	64.31	56.91	54.20	55.48	55.14	59.27	61.35	57.15	53.50	50.71	51.93	53.87	54.94	56.65	56.48
Coal (TWh)	22.54	19.95	19.00	19.09	19.63	20.59	20.47	16.86	14.49	14.68	18.93	19.69	20.31	23.34	21.47
Oil (TWh)	6.40	5.67	5.40	5.43	5.79	5.80	6.70	6.86	4.14	3.86	3.40	5.41	3.58	3.63	2.20
Gas (TWh)	21.38	18.92	18.02	18.11	16.68	16.18	17.04	10.50	10.67	8.68	9.38	8.40	9.48	11.50	10.75
Nuclear (TWh)							1.39	5.40	5.31	5.20	5.46	5.45	5.51	4.91	5.55
Renewables (TWh) (*)	13.88	12.29	11.79	12.84	13.05	16.70	15.76	17.52	18.89	18.29	14.78	14.92	16.05	13.26	16.52
Other (TWh)	0.10	0.09													0.00
Final Energy Consumption	36.12	29.77	23.79	22.24	24.94	26.29	29.49	28.55	26.11	22.35	22.17	22.97	22.99	24.15	26.11
by fuel/product															
Solid fuels	2.67	2.42	1.77	1.74	1.40	1.53	1.56	1.62	1.44	1.00	0.70	0.98	1.14	1.51	1.49
Oil	8.03	7.55	6.22	4.95	5.56	5.23	6.69	7.07	6.56	4.89	5.30	6.17	6.37	6.00	7.39
Gas	20.50	15.48	5.77	6.11	9.08	10.25	9.73	8.38	6.99	6.76	6.89	7.22	7.40	8.11	8.52
Electricity	4.31	3.64	3.52	3.14	2.94	3.13	3.42	3.30	3.14	2.91	2.92	3.12	3.06	3.22	3.33
Renewables	0.61	0.67	0.59	0.84	1.14	1.28	2.48	3.30	2.96	2.81	2.74	2.12	2.27	2.83	3.13
Other			5.92	5.45	4.83	4.88	5.61	4.89	5.01	3.97	3.63	3.37	2.76	2.48	2.26
by sector															
Industry	25.10	18.66	10.87	9.93	13.40	14.53	14.71	12.80	10.66	8.86	8.79	9.63	10.27	10.31	10.73
Transport	4.41	3.77	3.91	3.18	3.24	3.06	4.05	4.15	3.89	3.14	3.38	4.07	4.34	4.34	5.18
Households	4.28	4.33	6.28	6.65	6.40	6.35	8.11	9.65	9.52	8.74	8.43	7.28	7.22	7.82	7.97
Commerce, etc.	2.33	3.00	2.73	2.47	1.90	2.35	2.63	1.95	2.03	1.61	1.57	1.98	1.16	1.68	2.24
Non-Energy Uses	0.91	0.81	2.89	2.19	1.46	1.33	1.75	1.94	1.58	1.84	2.28	2.39	2.01	1.88	2.20
CO₂ Emissions (Mt) (**)	167	141	118	115	112	115	120	110	99	83	84	93	92	97	98
Energy intensity (toe/M€'00)	1283	1268	1213	1196	1087	1096	1131	1083	1033	934	919	863	857	851	774
CO₂ intensity (tCO₂/toe)	2.71	2.67	2.56	2.49	2.56	2.45	2.37	2.41	2.39	2.26	2.27	2.52	2.40	2.42	2.47
Import dependency, %	33.13	28.21	28.51	26.97	25.91	30.87	29.52	32.56	28.21	21.64	21.85	25.69	23.74	25.46	30.25
Energy per capita (kgoe/cap)	2651	2278	2024	2028	1919	2077	2235	2016	1834	1643	1652	1643	1763	1848	1826
CO₂ per capita (kg/cap)	7190	6080	5189	5041	4918	5091	5306	4861	4387	3709	3755	4138	4230	4467	4505

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy statistics for Croatia

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	2.58	4.76	4.29	4.47	4.03	4.15	4.21	4.08	3.98	3.57	3.56	3.73	3.69	3.73	3.85
Solid fuels	0.10	0.09	0.07	0.07	0.06	0.05	0.04	0.03	0.03	0.01					
Oil		2.39	2.12	2.12	1.82	1.77	1.70	1.79	1.82	1.39	1.33	1.23	1.20	1.14	1.08
Gas	1.62	1.49	1.47	1.67	1.46	1.61	1.46	1.40	1.28	1.27	1.35	1.64	1.73	1.79	1.80
Nuclear															
Renewables	0.86	0.79	0.63	0.62	0.68	0.72	1.01	0.85	0.84	0.90	0.88	0.86	0.76	0.80	0.98
Industrial waste															
Net Imports	1.80	2.26	2.56	2.57	2.97	2.92	3.23	3.71	3.99	4.35	4.17	4.17	4.97	4.98	5.09
Solid fuels	0.62	0.31	0.39	0.30	0.19	0.16	0.10	0.15	0.19	0.25	0.48	0.45	0.59	0.65	0.75
Oil		0.88	1.34	1.43	1.87	2.24	2.21	2.37	2.61	2.99	2.44	2.76	3.48	3.35	3.44
Gas	0.58	0.65	0.59	0.65	0.61	0.22	0.72	0.85	0.90	0.91	0.91	0.68	0.59	0.65	0.58
Electricity	0.61	0.42	0.24	0.20	0.31	0.30	0.20	0.34	0.29	0.20	0.34	0.27	0.30	0.33	0.32
Renewables															
Derived heat															
Gross Inland Consumption	4.48	7.26	6.68	6.88	6.88	7.09	7.26	7.79	8.04	7.96	7.82	7.96	8.25	8.83	8.84
Solid fuels	0.82	0.52	0.42	0.37	0.23	0.19	0.15	0.24	0.23	0.21	0.44	0.48	0.58	0.65	0.69
Oil		3.50	3.28	3.46	3.57	3.95	3.73	4.11	4.51	4.46	3.95	4.04	4.23	4.68	4.40
Gas	2.19	2.03	2.11	2.22	2.09	1.93	2.17	2.25	2.16	2.19	2.21	2.32	2.37	2.36	2.46
Nuclear															
Renewables	0.86	0.79	0.63	0.62	0.68	0.72	1.01	0.85	0.84	0.90	0.88	0.86	0.76	0.80	0.98
Other	0.61	0.42	0.24	0.20	0.31	0.30	0.20	0.34	0.29	0.20	0.34	0.27	0.30	0.33	0.32
Elec. Generation (TWh)	8.69	8.83	8.89	9.36	8.28	8.86	10.55	9.68	10.90	12.24	10.70	12.18	12.29	12.67	13.32
Coal (TWh)	0.60			0.45	0.10	0.24	0.12	0.51	0.54	0.52	1.55	1.64	2.11	2.40	2.14
Oil (TWh)	2.95	1.90	3.18	2.70	1.40	2.46	1.87	2.70	3.55	3.90	1.69	2.13	2.22	3.16	1.67
Gas (TWh)	1.39	1.16	1.37	1.83	1.84	0.89	1.32	1.17	1.34	1.24	1.57	1.82	2.53	2.17	2.46
Nuclear (TWh)															
Renewables (TWh) (*)	3.76	5.78	4.35	4.36	4.94	5.27	7.24	5.29	5.46	6.59	5.88	6.55	5.37	4.88	6.96
Other (TWh)				0.02	0.00			0.01	0.01	0.00	0.02	0.04	0.07	0.06	0.09
Final Energy Consumption	3.37	4.60	4.08	4.16	4.35	4.47	4.66	5.13	5.19	5.35	5.34	5.46	5.59	5.95	6.13
by fuel/product															
Solid fuels	0.51	0.25	0.17	0.14	0.13	0.12	0.11	0.10	0.09	0.08	0.07	0.09	0.09	0.12	0.19
Oil		2.01	1.82	1.87	2.03	2.09	2.03	2.39	2.48	2.62	2.66	2.70	2.82	2.94	2.96
Gas	0.89	0.86	0.78	0.87	0.89	0.91	1.00	1.05	1.08	1.09	1.01	1.11	1.06	1.14	1.18
Electricity	1.14	0.98	0.81	0.80	0.82	0.85	0.88	0.95	0.95	1.00	1.01	1.03	1.09	1.11	1.17
Renewables	0.54	0.29	0.26	0.24	0.26	0.26	0.38	0.40	0.37	0.33	0.37	0.29	0.30	0.38	0.38
Other	0.29	0.20	0.24	0.23	0.22	0.25	0.26	0.24	0.23	0.24	0.21	0.24	0.23	0.25	0.25
by sector															
Industry	1.68	1.63	1.39	1.33	1.37	1.26	1.27	1.45	1.44	1.37	1.39	1.44	1.39	1.44	1.56
Transport	0.03	1.01	0.96	1.04	1.13	1.19	1.25	1.40	1.46	1.53	1.53	1.55	1.64	1.77	1.82
Households	1.30	1.37	1.22	1.22	1.25	1.40	1.53	1.63	1.60	1.70	1.66	1.66	1.73	1.87	1.88
Commerce, etc.	0.36	0.58	0.51	0.57	0.60	0.63	0.61	0.66	0.70	0.75	0.76	0.81	0.83	0.87	0.87
Non-Energy Uses	0.37	0.75	0.81	0.74	0.80	0.82	0.76	0.77	0.64	0.69	0.68	0.58	0.57	0.69	0.75
CO₂ Emissions (Mt) (**)	7	15	14	15	14	15	15	16	17	18	17	18	19	21	20
Energy intensity (toe/M€'00)						420	406	408	411	410	392	382	376	386	373
CO₂ intensity (tCO₂/toe)	1.59	2.04	2.13	2.16	2.05	2.10	2.03	2.08	2.13	2.23	2.19	2.27	2.33	2.33	2.22
Import dependency, %	40.13	31.19	38.30	37.38	42.85	41.05	44.35	47.46	49.50	54.56	53.26	52.16	60.06	56.33	57.41
Energy per capita (kgoe/cap)	956	1533	1397	1439	1441	1518	1615	1705	1786	1748	1785	1794	1856	1987	1990
CO₂ per capita (kg/cap)	1520	3130	2981	3108	2953	3180	3280	3554	3812	3902	3915	4076	4320	4625	4426

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Turkey

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	25.95	25.98	26.55	26.34	26.35	26.52	27.16	28.00	29.11	27.54	26.73	25.08	24.64	23.87	24.19
Solid fuels	12.41	11.82	12.12	11.68	12.10	12.08	12.27	13.12	13.94	13.28	13.29	12.88	11.83	11.01	10.60
Oil	3.71	4.35	4.27	3.87	3.70	3.51	3.50	3.45	3.22	2.94	2.75	2.51	2.41	2.35	2.24
Gas	0.17	0.17	0.16	0.16	0.16	0.15	0.17	0.21	0.47	0.60	0.53	0.26	0.31	0.46	0.57
Nuclear															
Renewables	9.66	9.64	10.00	10.62	10.38	10.78	11.23	11.23	11.48	10.71	10.15	9.42	10.08	10.04	10.78
Industrial waste									0.00	0.02	0.02	0.01	0.01	0.01	
Net Imports	27.27	25.33	27.57	31.95	31.55	36.76	40.90	42.74	43.41	43.35	50.87	46.07	51.00	56.65	58.57
Solid fuels	4.21	4.68	4.20	4.11	4.01	4.48	6.18	7.51	7.85	6.69	9.25	5.66	7.88	10.87	11.13
Oil	20.44	17.30	19.73	23.79	23.22	26.68	27.88	26.87	26.84	26.42	29.28	26.83	28.51	28.45	29.38
Gas	2.68	3.32	3.65	4.08	4.37	5.67	6.84	8.17	8.46	10.06	12.05	13.22	14.34	17.28	18.12
Electricity	-0.06	0.02	-0.01	-0.03	-0.05	-0.06	-0.01	0.19	0.26	0.18	0.29	0.36	0.27	0.05	-0.06
Renewables															
Derived heat															
Gross Inland Consumption	52.28	53.12	54.67	57.85	56.74	62.03	67.42	71.03	72.31	71.04	77.37	71.37	75.34	79.28	81.86
Solid fuels	16.92	17.62	17.18	15.98	16.00	16.62	18.89	21.08	21.98	20.08	23.28	19.24	19.60	21.51	22.20
Oil	22.91	22.35	23.69	27.04	25.88	28.91	30.33	30.19	29.65	29.48	31.00	28.97	30.64	29.95	30.22
Gas	2.86	3.49	3.82	4.24	4.52	5.79	6.99	8.34	8.95	10.59	12.64	13.37	14.74	17.72	18.71
Nuclear															
Renewables	9.66	9.64	10.00	10.62	10.38	10.78	11.23	11.23	11.48	10.71	10.15	9.42	10.08	10.04	10.78
Other	-0.06	0.02	-0.01	-0.03	-0.05	-0.06	-0.01	0.19	0.26	0.19	0.30	0.37	0.28	0.06	-0.06
Elec. Generation (TWh)	57.54	60.25	67.34	73.81	78.32	86.25	94.86	103.30	111.02	116.44	124.92	122.73	129.40	140.58	150.70
Coal (TWh)	20.18	21.56	24.51	23.70	28.18	27.41	29.72	32.91	35.03	36.22	37.33	37.74	31.43	31.42	33.57
Oil (TWh)	3.94	3.29	5.27	5.17	5.55	5.77	6.54	7.16	7.92	8.08	9.31	10.37	10.74	9.20	7.67
Gas (TWh)	10.19	12.59	10.88	10.85	13.87	17.22	17.87	23.04	25.50	37.16	47.07	50.23	53.22	64.37	63.12
Nuclear (TWh)															
Renewables (TWh) (*)	23.23	22.80	26.69	34.09	30.72	35.85	40.74	40.19	42.57	34.93	31.15	24.30	33.97	35.56	46.31
Other (TWh)									0.01	0.06	0.05	0.10	0.04	0.04	0.03
Final Energy Consumption	38.45	38.82	39.87	42.33	40.27	44.58	48.71	50.26	49.79	49.16	54.14	48.56	53.12	56.68	58.13
by fuel/product															
Solid fuels	8.04	8.41	7.69	7.22	5.86	6.67	8.37	9.36	9.35	7.68	10.69	7.27	9.32	10.85	10.97
Oil	17.79	17.47	18.39	20.70	19.66	22.30	23.43	22.50	21.19	21.83	22.97	21.06	22.82	22.75	22.66
Gas	1.16	1.29	1.71	1.94	2.02	2.64	3.29	3.98	4.18	4.41	4.91	4.84	5.23	6.71	7.51
Electricity	3.87	4.04	4.45	4.88	5.07	5.60	6.14	6.85	7.37	7.67	8.24	8.20	8.73	9.49	10.27
Renewables	7.60	7.59	7.63	7.60	7.65	7.37	7.47	7.56	7.70	7.57	7.34	7.18	7.02	6.88	6.72
Other															
by sector															
Industry	11.95	12.44	12.65	12.67	11.73	13.16	15.89	17.21	17.77	16.46	20.18	15.86	19.42	21.21	21.13
Transport	9.35	8.99	9.21	10.96	10.61	11.89	12.56	11.88	11.07	11.56	12.17	11.67	12.55	12.59	12.81
Households	14.56	14.70	15.19	15.36	14.57	15.78	16.26	16.90	16.57	16.61	17.00	15.54	15.11	16.65	17.19
Commerce, etc.	2.59	2.69	2.81	3.34	3.36	3.75	3.99	4.28	4.39	4.53	4.79	5.49	6.05	6.23	7.01
Non-Energy Uses	2.77	3.05	3.20	3.81	3.27	3.75	3.89	4.17	4.62	3.56	3.40	3.31	3.87	3.61	4.31
CO₂ Emissions (Mt) (**)	126	128	133	139	137	150	167	175	176	176	198	181	190	202	205
Energy intensity (toe/M€'00)	343	345	335	328	341	347	353	346	341	352	357	356	348	346	328
CO₂ intensity (tCO₂/toe)	2.41	2.42	2.43	2.41	2.41	2.42	2.48	2.47	2.43	2.47	2.56	2.54	2.53	2.55	2.50
Import dependency, %	52.03	47.56	50.32	55.13	55.51	59.09	60.55	60.04	59.90	60.78	65.41	64.34	67.23	70.91	70.41
Energy per capita (kgoe/cap)	931	928	937	972	936	1005	1072	1110	1110	1072	1148	1041	1082	1121	1140
CO₂ per capita (kg/cap)	2246	2241	2275	2343	2260	2436	2660	2736	2701	2649	2942	2647	2734	2857	2852

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Iceland

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	1.40	1.36	1.37	1.40	1.37	1.39	1.62	1.68	1.81	2.19	2.31	2.45	2.46	2.46	2.52
Solid fuels															
Oil															
Gas															
Nuclear															
Renewables	1.40	1.36	1.37	1.40	1.37	1.39	1.62	1.68	1.81	2.19	2.31	2.45	2.46	2.46	2.52
Industrial waste															
Net Imports	0.79	0.68	0.78	0.76	0.80	0.80	0.86	0.87	0.93	0.97	1.03	0.94	0.96	0.93	1.07
Solid fuels	0.06	0.07	0.05	0.05	0.07	0.06	0.07	0.06	0.07	0.06	0.10	0.09	0.10	0.09	0.11
Oil	0.72	0.61	0.73	0.72	0.73	0.74	0.80	0.81	0.86	0.91	0.93	0.85	0.86	0.84	0.96
Gas															
Electricity															
Renewables															
Derived heat															
Gross Inland Consumption	2.16	2.03	2.08	2.15	2.14	2.14	2.47	2.52	2.69	3.07	3.23	3.35	3.38	3.37	3.48
Solid fuels	0.06	0.07	0.05	0.05	0.07	0.06	0.07	0.06	0.07	0.06	0.10	0.09	0.10	0.09	0.11
Oil	0.69	0.61	0.66	0.70	0.70	0.70	0.79	0.78	0.80	0.83	0.82	0.80	0.82	0.82	0.86
Gas															
Nuclear															
Renewables	1.40	1.36	1.37	1.40	1.37	1.39	1.62	1.68	1.81	2.19	2.31	2.45	2.46	2.46	2.52
Other															
Elec. Generation (TWh)	4.51	4.49	4.55	4.73	4.78	4.98	5.12	5.59	6.28	7.19	7.68	8.03	8.42	8.50	8.62
Coal (TWh)															
Oil (TWh)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01		0.00
Gas (TWh)															
Nuclear (TWh)															
Renewables (TWh) (*)	4.50	4.49	4.54	4.72	4.78	4.97	5.12	5.58	6.28	7.18	7.68	8.03	8.41	8.49	8.62
Other (TWh)														0.01	
Final Energy Consumption	1.60	1.56	1.61	1.66	1.66	1.73	1.75	1.82	1.95	2.06	2.07	2.15	2.15	2.16	2.27
by fuel/product															
Solid fuels	0.06	0.07	0.05	0.05	0.07	0.06	0.07	0.06	0.07	0.06	0.10	0.09	0.10	0.09	0.11
Oil	0.60	0.58	0.62	0.63	0.64	0.62	0.72	0.70	0.69	0.70	0.70	0.67	0.68	0.69	0.71
Gas															
Electricity	0.34	0.33	0.33	0.35	0.36	0.37	0.37	0.41	0.47	0.55	0.59	0.62	0.65	0.65	0.67
Renewables	0.50	0.45	0.45	0.47	0.44	0.44	0.41	0.42	0.43	0.46	0.49	0.52	0.50	0.52	0.48
Other	0.10	0.14	0.16	0.16	0.15	0.18	0.16	0.17	0.15	0.19	0.17	0.17	0.23	0.21	0.30
by sector															
Industry	0.37	0.34	0.35	0.37	0.39	0.39	0.44	0.47	0.52	0.58	0.66	0.69	0.73	0.72	0.74
Transport	0.28	0.28	0.28	0.28	0.29	0.27	0.31	0.29	0.32	0.33	0.34	0.33	0.32	0.32	0.34
Households	0.58	0.55	0.58	0.60	0.55	0.57	0.54	0.55	0.53	0.59	0.60	0.62	0.66	0.66	0.71
Commerce, etc.	0.37	0.39	0.40	0.42	0.43	0.43	0.44	0.44	0.45	0.46	0.45	0.42	0.45	0.46	0.47
Non-Energy Uses	0.06	0.06	0.07	0.06	0.07	0.07	0.07	0.08	0.10	0.12	0.12	0.13	0.14	0.13	0.15
CO₂ Emissions (Mt) (**)	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3
Energy intensity (toe/M€'00)	307	289	305	311	297	297	326	315	319	350	350	352	360	346	337
CO₂ intensity (tCO₂/toe)	0.96	1.00	0.99	0.98	1.04	0.99	0.99	0.93	0.89	0.77	0.78	0.72	0.73	0.73	0.74
Import dependency, %	35.91	33.19	37.03	34.82	36.78	36.48	34.44	33.86	33.90	30.93	31.24	27.73	27.92	27.08	29.98
Energy per capita (kgoe/cap)	8470	7880	7950	8165	8041	8008	9178	9291	9807	11092	11488	11749	11762	11661	11904
CO₂ per capita (kg/cap)	8169	7860	7905	7974	8382	7961	9086	8683	8749	8571	8973	8465	8597	8535	8810

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Norway

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	120.07	130.42	146.36	154.08	170.12	181.64	207.62	212.19	206.15	209.15	224.50	228.43	233.12	235.52	238.02
Solid fuels	0.20	0.22	0.24	0.18	0.20	0.19	0.15	0.26	0.22	0.27	0.43	1.20	1.43	1.98	1.95
Oil	84.25	95.80	109.33	117.16	131.54	141.61	160.64	160.24	153.34	152.78	164.96	166.48	159.97	156.89	154.97
Gas	24.15	23.91	25.76	25.41	27.57	28.26	36.76	41.02	41.35	44.14	45.82	48.89	59.17	66.27	70.42
Nuclear															
Renewables	11.47	10.47	11.02	11.33	10.81	11.57	10.06	10.67	11.23	11.95	13.29	11.84	12.54	10.37	10.66
Industrial waste		0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01
Net Imports	-96.19	-108.28	-122.89	-128.93	-145.67	-156.76	-182.10	-186.95	-180.15	-181.59	-197.83	-202.84	-208.20	-206.68	-210.25
Solid fuels	0.67	0.55	0.62	0.64	0.78	0.85	0.85	0.79	0.84	0.78	0.60	-0.12	-0.69	-1.10	-1.01
Oil	-73.31	-86.62	-100.24	-107.19	-122.79	-132.24	-149.95	-150.97	-144.26	-142.83	-154.62	-159.57	-151.64	-145.36	-144.28
Gas	-22.17	-21.98	-22.52	-21.71	-23.64	-24.80	-33.78	-37.10	-37.05	-39.38	-42.19	-43.47	-55.06	-60.95	-65.97
Electricity	-1.37	-0.24	-0.75	-0.67	-0.01	-0.57	0.77	0.33	0.31	-0.17	-1.64	0.31	-0.83	0.68	0.98
Renewables		0.00		0.00	0.00		0.00		0.00	0.01	0.00	0.01	0.02	0.06	0.03
Derived heat															
Gross Inland Consumption	21.57	22.01	22.43	23.80	23.53	23.69	23.21	24.44	25.52	26.71	26.07	26.90	24.30	27.20	27.65
Solid fuels	0.86	0.78	0.76	0.84	0.98	1.02	1.00	1.02	1.07	1.07	1.08	0.95	0.81	0.79	0.92
Oil	8.63	9.05	8.15	8.59	7.82	8.21	8.39	8.48	8.59	9.08	9.69	8.35	7.63	9.98	10.58
Gas	1.98	1.93	3.24	3.70	3.93	3.46	2.98	3.92	4.31	4.76	3.63	5.43	4.11	5.32	4.45
Nuclear															
Renewables	11.47	10.47	11.02	11.33	10.81	11.57	10.06	10.67	11.23	11.96	13.30	11.85	12.56	10.42	10.70
Other	-1.37	-0.23	-0.74	-0.66	0.00	-0.57	0.78	0.34	0.32	-0.16	-1.63	0.32	-0.82	0.69	1.00
Elec. Generation (TWh)	121.85	111.01	117.50	120.10	113.21	123.01	104.71	111.66	116.98	122.72	143.03	121.89	130.71	107.32	110.48
Coal (TWh)						0.06	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Oil (TWh)															
Gas (TWh)						0.33	0.45	0.39	0.37	0.46	0.33	0.49	0.29	0.39	0.44
Nuclear (TWh)															
Renewables (TWh) (*)	121.04	109.94	116.50	119.06	111.21	121.67	103.93	110.05	115.98	121.59	139.12	120.68	129.77	106.23	109.45
Other (TWh)	0.81	1.07	1.00	1.04	2.00	0.96	0.29	1.17	0.59	0.63	3.54	0.68	0.60	0.66	0.55
Final Energy Consumption	16.11	15.85	15.73	16.19	16.72	16.87	17.69	17.49	18.20	18.67	18.11	18.57	18.27	17.96	18.63
by fuel/product															
Solid fuels	0.81	0.73	0.73	0.79	0.89	0.96	0.96	0.95	1.04	0.99	1.01	0.84	0.78	0.75	0.84
Oil	5.98	5.66	5.53	5.70	5.97	5.87	6.72	6.37	6.51	6.75	6.15	6.42	6.56	6.86	6.83
Gas	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.20	0.19	0.15	0.20	0.24
Electricity	8.32	8.51	8.55	8.67	8.75	8.92	8.87	8.93	9.38	9.40	9.42	9.65	9.38	8.87	9.45
Renewables	0.90	0.84	0.81	0.91	0.99	0.99	1.00	1.08	1.12	1.38	1.19	1.31	1.24	1.09	1.08
Other	0.07	0.09	0.09	0.10	0.10	0.11	0.12	0.11	0.12	0.13	0.13	0.16	0.17	0.19	0.21
by sector															
Industry	6.09	5.70	5.50	5.68	6.01	6.16	6.18	6.13	6.57	6.84	7.01	6.79	6.42	6.36	6.68
Transport	4.13	3.86	4.02	4.21	4.21	4.20	4.52	4.59	4.74	4.86	4.48	4.59	4.61	4.68	4.86
Households	3.60	3.63	3.57	3.69	3.85	3.86	4.01	3.82	3.92	3.93	3.82	3.99	3.89	3.81	3.87
Commerce, etc.	2.29	2.66	2.65	2.61	2.64	2.65	2.98	2.95	2.97	3.03	2.80	3.20	3.35	3.11	3.22
Non-Energy Uses	1.81	1.58	1.48	1.52	1.40	1.59	1.57	1.56	1.50	1.40	1.91	2.32	2.26	2.67	2.49
CO₂ Emissions (Mt) (**)	29	27	30	32	34	32	34	35	37	39	33	32	32	34	33
Energy intensity (toe/M€'00)	172	169	167	172	162	156	145	145	148	152	144	145	129	143	141
CO₂ intensity (tCO₂/toe)	1.33	1.22	1.34	1.33	1.43	1.36	1.47	1.45	1.46	1.44	1.27	1.20	1.33	1.24	1.20
Import dependency, %	-436.92	-483.59	-536.39	-530.16	-604.68	-642.89	-759.70	-736.50	-682.37	-658.95	-735.79	-732.27	-834.29	-744.56	-746.72
Energy per capita (kgoe/cap)	5087	5163	5233	5520	5425	5435	5298	5548	5757	5987	5805	5961	5353	5959	6022
CO₂ per capita (kg/cap)	6775	6322	6994	7365	7752	7399	7767	8031	8401	8644	7365	7156	7104	7383	7222

Source: Eurostat (*) not including pumping (**) without maritime bunkers

Energy Statistics for Switzerland

Mtoe	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Production	9.83	9.91	10.12	10.50	11.21	11.04	10.59	11.08	11.25	11.81	11.79	12.37	11.94	12.00	11.82
Solid fuels															
Oil															
Gas	0.00	0.00	0.00	0.00	0.00										
Nuclear	6.18	6.00	6.13	6.11	6.37	6.51	6.57	6.64	6.75	6.75	6.91	7.01	7.12	7.18	7.05
Renewables	3.65	3.90	3.98	4.39	4.84	4.54	4.02	4.44	4.50	5.05	4.88	5.36	4.82	4.81	4.77
Industrial waste			0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00		
Net Imports	15.18	15.27	15.23	13.78	13.96	13.91	15.16	15.03	15.59	14.27	14.28	15.48	15.24	14.94	15.35
Solid fuels	0.34	0.27	0.13	0.11	0.11	0.16	0.11	0.07	0.06	0.06	0.19	0.13	0.11	0.08	0.13
Oil	13.38	13.40	13.53	12.26	12.87	12.17	12.75	13.23	13.67	12.64	12.26	13.72	13.04	12.50	12.56
Gas	1.63	1.83	1.92	2.02	1.99	2.20	2.38	2.29	2.36	2.45	2.43	2.53	2.49	2.63	2.71
Electricity	-0.18	-0.24	-0.37	-0.62	-1.02	-0.63	-0.08	-0.58	-0.51	-0.88	-0.61	-0.90	-0.39	-0.27	-0.06
Renewables	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00		0.00	0.00	0.00	0.00
Derived heat															
Gross Inland Consumption	25.11	25.32	25.57	25.08	25.59	25.27	25.74	26.30	26.69	26.69	26.48	28.02	27.14	27.07	27.13
Solid fuels	0.36	0.30	0.21	0.18	0.18	0.19	0.14	0.11	0.09	0.10	0.14	0.15	0.14	0.14	0.13
Oil	13.46	13.51	13.68	13.00	13.22	12.46	12.70	13.39	13.50	13.22	12.73	13.87	12.96	12.58	12.53
Gas	1.63	1.83	1.93	2.02	1.99	2.20	2.38	2.29	2.36	2.45	2.43	2.53	2.49	2.63	2.71
Nuclear	6.18	6.00	6.13	6.11	6.37	6.51	6.57	6.64	6.75	6.75	6.91	7.01	7.12	7.18	7.05
Renewables	3.66	3.91	4.00	4.40	4.85	4.54	4.03	4.44	4.50	5.05	4.88	5.36	4.83	4.81	4.77
Other	-0.18	-0.24	-0.37	-0.62	-1.02	-0.63	-0.08	-0.58	-0.51	-0.88	-0.61	-0.90	-0.39	-0.27	-0.06
Elec. Generation (TWh)	54.62	56.48	57.77	60.43	65.57	62.29	55.98	61.62	61.71	68.53	65.96	70.55	64.94	64.94	63.58
Coal (TWh)	0.04	0.01	0.01	0.00	0.00	0.00									
Oil (TWh)	0.28	0.54	0.64	0.31	0.39	0.37	0.27	0.16	0.38	0.17	0.05	0.06	0.06	0.07	0.21
Gas (TWh)	0.30	0.34	0.36	0.41	0.74	0.80	0.64	0.87	0.85	1.00	1.00	0.85	0.89	0.92	0.94
Nuclear (TWh)	23.64	22.95	23.45	23.35	24.36	24.90	25.14	25.41	25.83	25.83	26.45	26.81	27.23	27.49	26.96
Renewables (TWh) (*)	30.36	32.64	33.32	36.35	40.08	36.22	29.92	35.18	34.66	41.53	38.45	42.83	36.75	36.46	35.47
Other (TWh)															
Final Energy Consumption	19.23	20.01	20.24	19.62	19.33	19.81	20.31	19.95	20.65	21.01	20.75	21.18	20.63	21.17	21.43
by fuel/product															
Solid fuels	0.34	0.30	0.21	0.17	0.18	0.19	0.14	0.11	0.09	0.09	0.14	0.15	0.14	0.14	0.13
Oil	12.42	12.87	13.04	12.38	12.14	12.32	12.59	12.38	12.89	13.00	12.69	12.81	12.34	12.50	12.30
Gas	1.52	1.71	1.81	1.90	1.87	2.05	2.19	2.10	2.17	2.25	2.23	2.32	2.28	2.40	2.48
Electricity	4.04	4.13	4.16	4.10	4.11	4.19	4.21	4.20	4.27	4.48	4.50	4.65	4.63	4.74	4.83
Renewables	0.67	0.72	0.75	0.76	0.74	0.77	0.85	0.83	0.89	0.84	0.86	0.91	0.90	1.09	1.32
Other	0.25	0.29	0.29	0.29	0.29	0.29	0.33	0.34	0.34	0.34	0.32	0.34	0.35	0.30	0.37
by sector															
Industry	3.49	3.54	3.58	3.52	3.64	3.73	3.70	3.75	3.79	4.24	4.31	4.48	4.32	4.19	4.17
Transport	6.29	6.39	6.59	6.29	6.47	6.44	6.51	6.73	6.85	6.91	7.06	6.90	6.71	7.00	6.97
Households	5.29	5.61	5.66	5.76	5.53	5.91	6.03	5.63	5.93	5.88	5.60	5.85	5.72	5.96	6.07
Commerce, etc.	4.16	4.47	4.41	4.06	3.69	3.73	4.08	3.84	4.09	3.97	3.77	3.94	3.88	4.01	4.22
Non-Energy Uses	0.43	0.44	0.40	0.38	0.39	0.40	0.38	0.36	0.38	0.41	0.43	0.42	0.41	0.40	0.55
CO₂ Emissions (Mt) (**)	42	44	44	42	41	42	43	42	44	44	43	44	43	44	45
Energy intensity (toe/M€'00)	105	106	107	106	107	105	106	107	105	104	99	104	101	101	99
CO₂ intensity (tCO₂/toe)	1.65	1.73	1.72	1.67	1.61	1.67	1.68	1.59	1.63	1.64	1.62	1.56	1.60	1.63	1.64
Import dependency, %	60.46	60.30	59.53	54.94	54.53	55.06	58.90	57.14	58.40	53.46	53.90	55.26	56.17	55.17	56.56
Energy per capita (kgoe/cap)	3694	3680	3683	3589	3637	3568	3622	3697	3743	3724	3674	3859	3693	3658	3640
CO₂ per capita (kg/cap)	6106	6352	6334	6005	5861	5944	6069	5879	6119	6116	5952	6036	5912	5965	5976

Source: Organisation for Economic Co-operation and Development

Part 2 : ENERGY

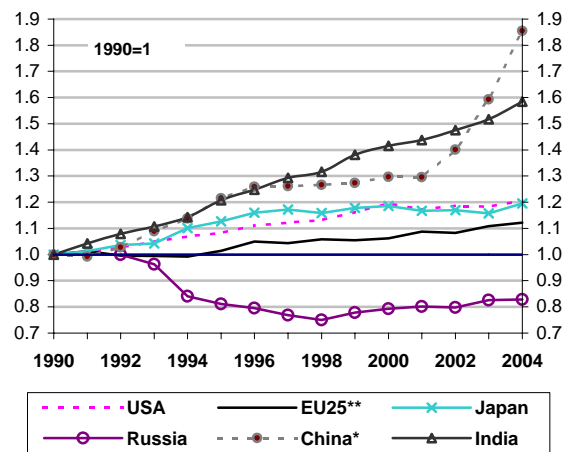
Chapter 2.8 World Context

2.8.1

2.8.1

Gross Inland Consumption by Country (Mtoe)

Mtoe	World	USA	EU25**	Japan	Russia	China*	India
1990	8623	1928	1558	446		877	362
1991	8718	1943	1579	452		871	377
1992	8749	1982	1552	462	775	902	390
1993	8851	2021	1550	465	746	955	400
1994	8915	2062	1545	491	651	998	413
1995	9140	2088	1579	502	628	1065	436
1996	9397	2140	1636	517	617	1105	451
1997	9487	2164	1627	523	595	1107	468
1998	9551	2182	1648	517	581	1111	476
1999	9729	2241	1643	525	603	1117	499
2000	9943	2304	1654	529	614	1138	512
2001	10008	2259	1694	521	621	1137	520
2002	10225	2288	1687	522	618	1229	534
2003	10572	2281	1727	516	640	1398	549
2004	11059	2326	1747	533	642	1626	573



Source: Organisation for Economic Co-operation and Development
* Includes Hong Kong ** Source: Eurostat

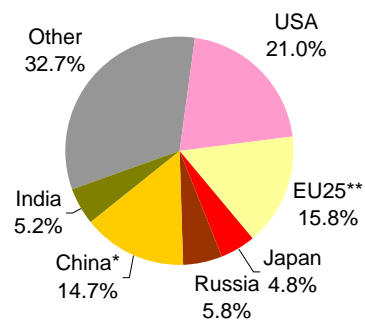
2.8.1

2.8.1

**Gross Inland Consumption
by Country**
(Shares in %)

	USA	EU25**	Japan	Russia	China*	India	Other
1990	22.4	18.1	5.2		10.2	4.2	
1991	22.3	18.1	5.2		10.0	4.3	
1992	22.7	17.7	5.3	8.9	10.3	4.5	30.7
1993	22.8	17.5	5.3	8.4	10.8	4.5	30.7
1994	23.1	17.3	5.5	7.3	11.2	4.6	30.9
1995	22.9	17.3	5.5	6.9	11.7	4.8	31.1
1996	22.8	17.4	5.5	6.6	11.8	4.8	31.2
1997	22.8	17.1	5.5	6.3	11.7	4.9	31.7
1998	22.8	17.3	5.4	6.1	11.6	5.0	31.8
1999	23.0	16.9	5.4	6.2	11.5	5.1	31.9
2000	23.2	16.6	5.3	6.2	11.4	5.1	32.1
2001	22.6	16.9	5.2	6.2	11.4	5.2	32.5
2002	22.4	16.5	5.1	6.0	12.0	5.2	32.7
2003	21.6	16.3	4.9	6.1	13.2	5.2	33
2004	21.0	15.8	4.8	5.8	14.7	5.2	33

2004



Source: Organisation for Economic Co-operation and Development

* Includes Hong Kong ** Source: Eurostat

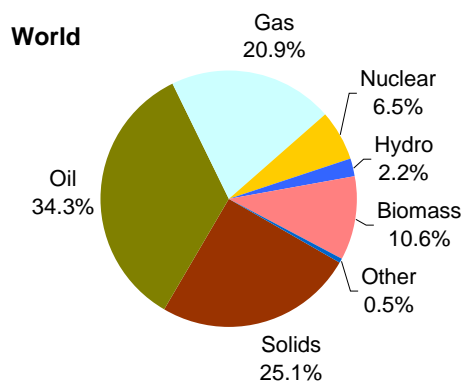
2.8.2

2.8.2

Gross Inland Consumption by Fuel / Product 2004

in Mtoe	All Products	Solids	Oil	Gas	Nuclear	Hydro	Biomass	Other
USA	2326	545	947	515	212	23	71	12
EU25**	1747	312	651	418	254	26	72	14
Japan	533	116	255	70	74	8	6	4
Russia	642	104	131	347	38	15	7	0
China *	1626	999	319	44	13	30	221	0
India	573	196	127	23	4	7	214	0
Others	3612	503	1360	891	118	131	582	27
World	11059	2776	3791	2307	714	241	1173	57

Fuel Shares in %								
USA	100.0	23.4	40.7	22.1	9.1	1.0	3.0	0.5
EU25**	100.0	17.9	37.2	23.9	14.6	1.5	4.1	0.8
Japan	100.0	21.8	47.8	13.2	13.8	1.5	1.2	0.7
Russia	100.0	16.2	20.4	54.0	5.9	2.4	1.1	0.0
China *	100.0	61.4	19.6	2.7	0.8	1.9	13.6	0.0
India	100.0	34.1	22.2	4.1	0.8	1.3	37.4	0.1
Others	100.0	13.9	37.7	24.7	3.3	3.6	16.1	0.7
World	100.0	25.1	34.3	20.9	6.5	2.2	10.6	0.5



Source: Organisation for Economic Co-operation and Development

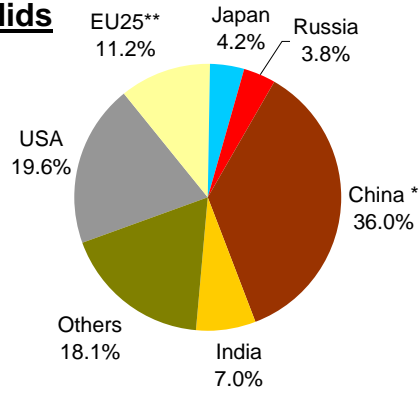
* Includes Hong Kong ** Source: Eurostat

2.8.2

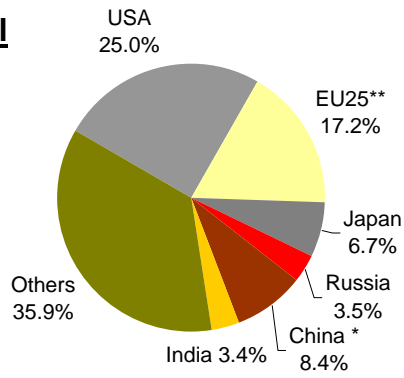
2.8.2

Shares in Gross Fuel Consumption 2004

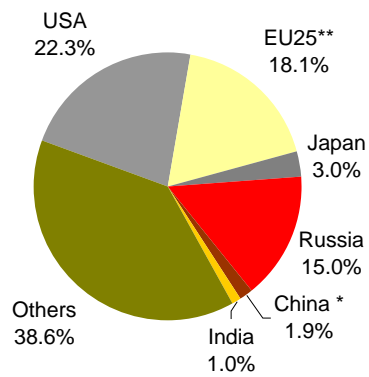
Solids



Oil



Gas



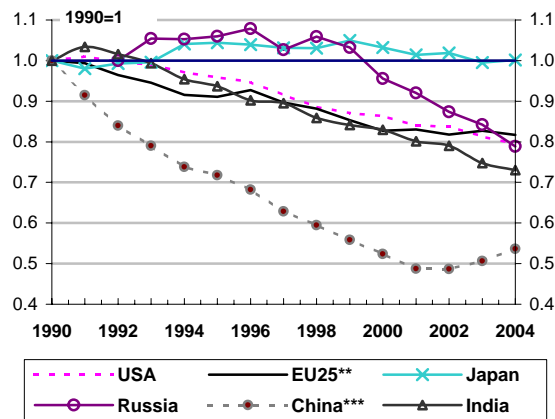
Source: Organisation for Economic Co-operation and Development
* Includes Hong Kong ** Source: Eurostat

2.8.3

2.8.3

Energy Intensity toe / Meuro *

Mtoe	World	USA	EU25**	Japan	Russia	China***	India
1990	471	357	220	141		2083	1765
1991	469	361	219	138		1906	1824
1992	460	356	212	140	3236	1750	1793
1993	458	354	208	141	3413	1646	1753
1994	446	347	201	147	3408	1537	1684
1995	445	343	200	147	3429	1495	1653
1996	442	338	204	147	3490	1420	1592
1997	430	327	197	146	3322	1309	1579
1998	422	317	194	146	3427	1239	1515
1999	417	311	188	148	3341	1164	1484
2000	410	309	182	146	3092	1091	1464
2001	407	300	183	143	2978	1016	1414
2002	408	299	180	144	2827	1014	1394
2003	411	291	182	141	2726	1055	1320
2004	413	284	180	141	2552	1117	1289



Definition for "energy intensity" is

gross inland consumption of energy / gross domestic product

* For GDP at 2000 market prices, using exchange rates

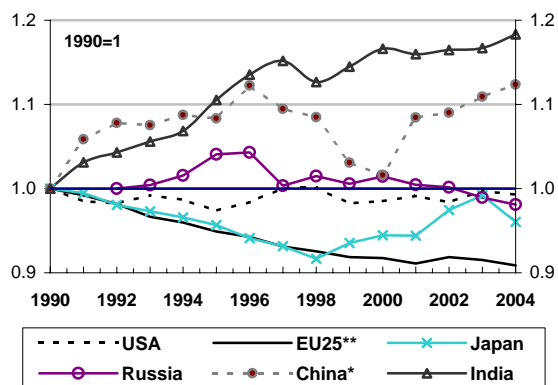
** Source: Eurostat **** Includes Hong Kong

2.8.4

2.8.4

Carbon Intensity tonne CO₂ / toe

	World	USA	EU25**	Japan	Russia	China*	India
1990	2.41	2.51	2.43	2.37		2.61	1.63
1991	2.40	2.47	2.41	2.36		2.76	1.68
1992	2.41	2.47	2.39	2.33	2.43	2.81	1.70
1993	2.40	2.49	2.35	2.31	2.44	2.81	1.72
1994	2.39	2.48	2.34	2.29	2.47	2.84	1.74
1995	2.39	2.45	2.31	2.27	2.53	2.83	1.80
1996	2.40	2.47	2.29	2.23	2.53	2.93	1.85
1997	2.39	2.51	2.27	2.21	2.44	2.86	1.87
1998	2.39	2.51	2.25	2.17	2.47	2.83	1.83
1999	2.35	2.47	2.23	2.22	2.44	2.69	1.86
2000	2.36	2.47	2.23	2.24	2.47	2.65	1.90
2001	2.37	2.49	2.22	2.24	2.44	2.83	1.89
2002	2.37	2.47	2.23	2.31	2.43	2.84	1.89
2003	2.39	2.50	2.23	2.35	2.40	2.89	1.90
2004	2.40	2.49	2.21	2.28	2.38	2.93	1.93



Source: Organisation for Economic Co-operation and Development
Definition for "carbon intensity" is

CO₂ emissions / gross inland consumption of energy

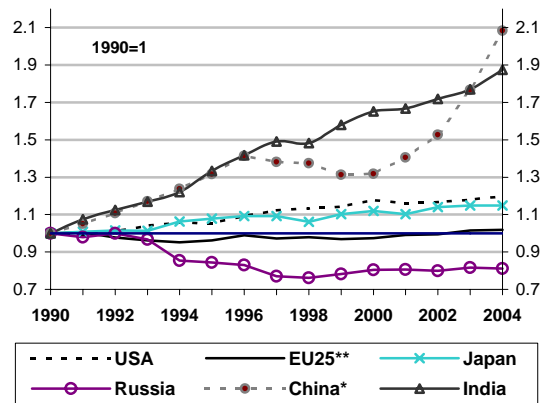
* Includes Hong Kong ** Source: Eurostat

2.8.5

2.8.5

CO₂ Emissions from Energy (Million tonnes CO₂)

	World	USA	EU25**	Japan	Russia	China*	India
1990	20783	4842	3790	1058	2034	2289	588
1991	20953	4807	3810	1066	1993	2405	633
1992	21066	4891	3706	1075	1882	2536	662
1993	21202	5036	3646	1072	1821	2680	688
1994	21340	5110	3608	1125	1608	2832	718
1995	21810	5109	3647	1140	1589	3012	785
1996	22575	5290	3752	1155	1562	3236	834
1997	22716	5436	3684	1155	1451	3161	877
1998	22784	5485	3710	1123	1433	3146	872
1999	22908	5530	3671	1166	1473	3005	930
2000	23455	5701	3692	1185	1513	3017	971
2001	23735	5623	3754	1167	1516	3217	981
2002	24263	5654	3770	1206	1503	3497	1011
2003	25316	5713	3845	1215	1538	4046	1042
2004	26583	5800	3863	1215	1529	4769	1103



Source: Organisation for Economic Co-operation and Development

* Includes Hong Kong ** Source: Eurostat

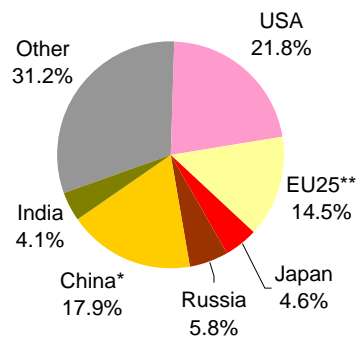
2.8.5

2.8.5

CO₂ Emissions from Energy
(Shares in %)

	USA	EU25**	Japan	Russia	China*	India	Other
1990	23.3	18.2	5.1	9.8	11.0	2.8	29.7
1991	22.9	18.2	5.1	9.5	11.5	3.0	29.8
1992	23.2	17.6	5.1	8.9	12.0	3.1	30.0
1993	23.8	17.2	5.1	8.6	12.6	3.2	29.5
1994	23.9	16.9	5.3	7.5	13.3	3.4	29.7
1995	23.4	16.7	5.2	7.3	13.8	3.6	29.9
1996	23.4	16.6	5.1	6.9	14.3	3.7	29.9
1997	23.9	16.2	5.1	6.4	13.9	3.9	30.6
1998	24.1	16.3	4.9	6.3	13.8	3.8	30.8
1999	24.1	16.0	5.1	6.4	13.1	4.1	31.1
2000	24.3	15.7	5.1	6.5	12.9	4.1	31.4
2001	23.7	15.8	4.9	6.4	13.6	4.1	31.5
2002	23.3	15.5	5.0	6.2	14.4	4.2	31.4
2003	22.6	15.2	4.8	6.1	16.0	4.1	31.3
2004	21.8	14.5	4.6	5.8	17.9	4.1	31.2

2004



Source: Organisation for Economic Co-operation and Development
* Includes Hong Kong ** Source: Eurostat