

# EU energy and transport in figures

Directorate-General  
for Energy  
and Transport



● STATISTICAL POCKETBOOK  
2009

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## Preface

Energy and transport are two crucial sectors of the economy. This publication provides an overview of the most recent and most pertinent annual energy- and transport-related statistics in Europe. It covers the European Union and its 27 Member States and, as far as possible, the current EU candidate countries and the EFTA countries Iceland, Norway and Switzerland.

The content of this pocketbook is based on a range of sources including Eurostat, international organisations, national statistics and, where no data were available, own estimates. Own estimates have mainly been produced to get an idea of the EU total. At the level of individual countries, they are merely indicative and should by no means be (mis-)interpreted as 'official' data.

The publication consists of four parts:

- (1) a general part with general economic and other relevant data,
- (2) an energy part with data on energy production, consumption, taxation and prices,
- (3) a transport part covering both passenger and freight transport as well as other transport-related data, and, finally,
- (4) an environmental part with data on the impact which the energy and transport sectors have on the environment.

Most of the tables have data up to 2006; where available, more recent data have been provided.

The tables of this pocketbook may also be found on the Europa internet site under

[http://ec.europa.eu/energy/publications/statistics/statistics\\_en.htm](http://ec.europa.eu/energy/publications/statistics/statistics_en.htm)  
and under

[http://ec.europa.eu/transport/publications/statistics/statistics\\_en.htm](http://ec.europa.eu/transport/publications/statistics/statistics_en.htm)

Many tables on the internet contain more data than could be presented in this pocketbook. Some tables may be updated on the web before the publication of the next paper version.

Eurostat, the main data provider, may be accessed directly on the internet under <http://epp.eurostat.ec.europa.eu/>

Comments on this publication and suggestions for improving it are appreciated. They should be sent to [tren-figures@ec.europa.eu](mailto:tren-figures@ec.europa.eu)

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## Symbols and abbreviations

12	<i>Estimates are printed in italic</i>
%	per cent
-	not applicable, does not exist
blank	data not available
0	zero or figure less than half of unit used
ca.	circa = approximately
€	euro
DG	Directorate-General of the European Commission
dwt	deadweight ton (shipping)
GDP	Gross Domestic Product
grt	gross registered tonnage (shipping)
mio	1 million
mio t	1 million tonnes
mtow	maximum take-off weight (aircraft)
pkm	passenger-kilometre: a unit of measure: 1 passenger transported a distance of 1 kilometre
PPP	Purchasing Power Parities
rpk	revenue passenger kilometres (air)
TEU	Twenty foot Equivalent Unit
tkm	tonne-kilometre: a unit of measure: 1 tonne transported a distance of 1 kilometre
	break in horizontal time series
—	break in vertical time series

# Country abbreviations

## EUROPEAN UNION COUNTRIES (EU-27) (ALSO EEA MEMBERS)

	EU MEMBER STATE SINCE:	ALSO IN SUB-TOTAL OF:	
AT	Austria	1995	EU-15
BE	Belgium	1958	EU-15
BG	Bulgaria	2007	EU-12
CY	Cyprus	2004	EU-12
CZ	Czech Republic	2004	EU-12
DE	Germany	1958	EU-15
DK	Denmark	1973	EU-15
EE	Estonia	2004	EU-12
EL	Greece	1981	EU-15
ES	Spain	1986	EU-15
FI	Finland	1995	EU-15
FR	France	1958	EU-15
HU	Hungary	2004	EU-12
IE	Ireland	1973	EU-15
IT	Italy	1958	EU-15
LT	Lithuania	2004	EU-12
LU	Luxembourg	1958	EU-15
LV	Latvia	2004	EU-12
MT	Malta	2004	EU-12
NL	Netherlands	1958	EU-15
PL	Poland	2004	EU-12
PT	Portugal	1986	EU-15
RO	Romania	2007	EU-12
SE	Sweden	1995	EU-15
SI	Slovenia	2004	EU-12
SK	Slovak Republic	2004	EU-12
UK	United Kingdom	1973	EU-15

## OTHER EUROPEAN ECONOMIC AREA (EEA) AND IN EFTA

IS	Iceland	EEA: 1994	EFTA: 1960
LI	Liechtenstein	EEA: 1994	EFTA: 1991
NO	Norway	EEA: 1994	EFTA: 1960

## OTHER EUROPEAN FREE TRADE ASSOCIATION (EFTA)

CH	Switzerland		EFTA: 1960
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## EUROPEAN UNION CANDIDATE COUNTRIES

HR	Croatia		
MK	Former Yugoslav Republic of Macedonia (FYROM)		
TR	Turkey		

## OTHER COUNTRIES

CS	Czechoslovakia (until 1992)		
BR	Brazil		
CA	Canada		
CN	China		
IN	India		
JP	Japan		
KR	Korea		
MX	Mexico		
RU	Russia		
USA	United States of America		

**Notes:** The countries which were Members of the EU in 1994 became Members of the EEA in 1994, those which joined the EU in 1995 had already been EEA members since 1994 and those which joined the EU in 2004 and 2007 became Members of the EEA upon accession to the EU.  
The former GDR is always included in **DE**; unification on 3.10.1990.

# PART 1

# GENERAL DATA



# PART 1

## SUMMARY

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## General Data

	AREA	POPULATION	GDP (NOMINAL)	GDP PER HEAD IN PPP	
	1 000 km <sup>2</sup>	million	€ billion	EU-27=100	
		1/1/2008	2007	2006	2007
EU-27	4 323.0	495.578	12 343.4	100	100
EU-15	3 236.3	392.262	11 478.5	112	112
EU-12	1 086.7	103.316	864.9	54	56
BE	30.5	10.667	334.9	118	118
BG	110.9	7.640	28.9	37	37
CZ	78.9	10.381	127.1	77	80
DK	43.1	5.476	226.5	123	120
DE	357.0	82.218	2 422.9	116	115
EE	45.2	1.341	15.3	65	68
IE	70.3	4.401	190.6	147	150
EL	132.0	11.214	228.2	94	95
ES	506.0	45.283	1 050.6	104	105
FR	544.0	61.876	1 892.2	109	109
IT	301.3	59.619	1 535.5	103	101
CY	9.3	0.789	15.7	90	91
LV	64.6	2.271	21.1	53	58
LT	65.2	3.366	28.4	56	60
LU	2.6	0.484	36.3	267	266
HU	93.0	10.045	101.1	64	63
MT	0.3	0.410	5.4	77	78
NL	41.5	16.405	567.1	131	131
AT	83.9	8.332	270.8	124	124
PL	312.7	38.116	308.6	52	53
PT	91.9	10.618	163.1	76	76
RO	237.5	21.529	123.8	38	42
SI	20.3	2.026	34.5	88	89
SK	48.8	5.401	54.9	64	67
FI	338.1	5.300	179.7	115	116
SE	450.0	9.183	331.0	121	122
UK	244.1	61.186	2 049.0	120	119
HR	56.5	4.436	37.5	52	54
MK	25.7	2.045	5.6	29	30
TR	780.6	70.586	479.4	43	44
IS	103.0	0.313	14.6	124	119
NO	324.2	4.737	284.1	184	178
CH	41.3	7.593	311.8	136	137

## Growth in GDP and Industrial Production (COMPARED TO THE PREVIOUS YEAR)

	GROWTH IN GDP Real growth			GROWTH IN INDUSTRIAL PRODUCTION (excluding construction)		
	%			%		
	2005	2006	2007	2005	2006	2007
<b>EU-27</b>	2.0	3.1	2.9	1.3	4.0	3.3
<b>EU-15</b>	1.8	2.9	2.7	1.0	3.4	2.9
<b>EU-12</b>	4.8	6.7	6.4			
BE	1.8	3.0	2.8	-0.3	5.1	2.7
BG	6.2	6.3	6.2	6.9	5.9	9.1
CZ	6.3	6.8	6.0	6.7	13.2	8.9
DK	2.4	3.3	1.6	1.8	3.5	0.4
DE	0.8	3.0	2.5	3.3	5.9	6.1
EE	9.2	10.4	6.3	11.1	10.1	6.7
IE	6.4	5.7	6.0	3.0	5.1	7.2
EL	2.9	4.5	4.0	-0.9	0.5	2.2
ES	3.6	3.9	3.7	0.7	3.9	1.9
FR	1.9	2.2	2.2	0.3	0.9	1.4
IT	0.6	1.8	1.5	-0.8	2.4	-0.2
CY	3.9	4.1	4.4	0.9	0.7	3.1
LV	10.6	12.2	10.0	6.0	5.5	1.1
LT	7.8	7.8	8.9	7.1	7.3	4.0
LU	5.2	6.4	5.2	0.9	2.4	0.3
HU	4.0	4.1	1.1	7.3	10.6	8.4
MT	3.5	3.2	3.9			
NL	2.0	3.4	3.5	0.4	1.4	2.3
AT	2.9	3.4	3.1	4.2	7.4	5.5
PL	3.6	6.2	6.6	4.5	12.2	9.5
PT	0.9	1.4	1.9	0.3	2.8	1.8
RO	4.2	7.9	6.2	2.4	7.7	5.0
SI	4.3	5.9	6.8	3.9	6.6	6.2
SK	6.5	8.5	10.4	3.2	10.1	12.7
FI	2.8	4.9	4.2	0.3	9.8	4.4
SE	3.3	4.2	2.6	2.4	3.5	4.1
UK	2.1	2.8	3.0	-1.1	0.8	0.3
HR	4.3	4.8	5.6	5.4	4.6	5.6
MK	4.1	4.0	5.1	7.0	3.6	5.2
TR	8.4	6.9	4.5	5.7	5.8	4.5
IS	7.5	4.4	3.8	-0.9	4.8	7.0
NO	2.7	2.3	3.1	-0.7	-2.4	-0.8
CH	2.5	3.4	3.3	2.7	7.8	9.5

**Notes:** GDP growth: EU12: own estimate; HR and MK: Eurostat estimates.

**Industrial production:** includes mining and quarrying, manufacturing as well as electricity, gas and water supply; data adjusted by working days. Data in italics: provisional. **MK:** gross data (manufacturing production index). **IS:** Volume index of industry incl. energy. **BG and TR:** Eurostat estimates.

Source: Eurostat; Industrial production data for MK and IS from national sources

## Employment and Unemployment

	EMPLOYMENT RATE			UNEMPLOYMENT RATE		
	%			%		
	2005	2006	2007	2005	2006	2007
<b>EU-27</b>	63.6	64.5	65.4	9.0	8.3	7.2
<b>EU-15</b>	65.4	66.2	67.0	8.2	7.8	7.1
<b>EU-12</b>	57.0	58.4	59.9	12.1	10.1	7.8
BE	61.1	61.0	62.0	8.5	8.3	7.5
BG	55.8	58.6	61.7	10.2	9.0	6.9
CZ	64.8	65.3	66.1	8.0	7.2	5.4
DK	75.9	77.4	77.1	4.9	4.0	3.8
DE	66.0	67.5	69.4	11.2	10.3	8.7
EE	64.4	68.1	69.4	8.1	6.1	4.8
IE	67.6	68.6	69.1	4.4	4.4	4.6
EL	60.1	61.0	61.4	10.0	9.0	8.4
ES	63.3	64.8	65.6	9.2	8.6	8.3
FR	63.9	63.8	64.6	8.9	8.8	8.0
IT	57.6	58.4	58.7	7.8	6.9	6.2
CY	68.5	69.6	71.0	5.4	4.7	4.0
LV	63.3	66.3	68.3	9.0	7.0	6.1
LT	62.6	63.6	64.9	8.4	5.7	4.4
LU	63.6	63.5	64.2	4.5	4.7	4.1
HU	56.9	57.3	57.3	7.2	7.5	7.4
MT	53.9	53.6	54.6	7.3	6.9	6.5
NL	73.2	74.4	76.0	4.8	3.9	3.2
AT	68.6	70.2	71.4	5.2	4.8	4.5
PL	52.8	54.5	57.0	18.0	14.0	9.7
PT	67.5	67.9	67.8	8.1	8.1	8.5
RO	57.6	58.8	58.8	7.5	7.6	6.8
SI	66.0	66.6	67.8	6.7	6.1	5.0
SK	57.7	59.4	60.7	16.3	13.4	11.2
FI	68.4	69.3	70.3	8.5	7.8	6.9
SE	72.5	73.1	74.2	7.9	7.1	6.2
UK	71.7	71.6	71.5	4.8	5.4	5.4
HR	55.0	55.6	57.1	13.0	11.5	9.8
MK	33.9	35.2	36.2	37.3	36.0	34.9
TR	46.0	45.9	45.8	8.8	8.6	8.7
IS	83.8	84.6	85.1	2.6	2.9	2.2
NO	74.8	75.4	76.8	4.4	3.4	2.5
CH	77.2	77.9	78.6	4.5	4.1	3.7

**Notes:** Labour force survey data, referring to population 15-64 years old.

Source: Eurostat; MK: national sources

## Share of Gross Value Added and Employment by Sector

	SHARE OF GROSS VALUE ADDED (%)			SHARE OF EMPLOYMENT (%)		
	AGRI-CULTURE	INDUSTRY	SERVICES	AGRI-CULTURE	INDUSTRY	SERVICES
	2007			2007		
EU-27	1.8	26.6	71.6	6.3	25.0	68.7
EU-15	1.6	26.1	72.3	3.6	23.8	72.6
EU-12	4.1	33.1	62.8	17.6	30.1	52.3
BE	0.8	23.9	75.3	2.0	20.5	77.5
BG	6.2	32.3	61.5	21.4	27.0	51.6
CZ	2.4	38.9	58.7	3.8	38.3	57.9
DK	1.2	26.5	72.4	3.0	20.9	76.1
DE	0.9	30.4	68.7	2.2	25.9	71.9
EE	2.8	30.4	66.8	5.3	33.3	61.5
IE	1.7	33.6	64.8	5.9	27.6	66.4
EL	3.8	20.3	75.9	12.4	20.0	67.7
ES	2.9	29.8	67.4	5.2	29.3	65.5
FR	2.2	20.6	77.2	3.6	20.4	76.0
IT	2.0	27.0	70.9	4.2	28.8	67.0
CY	2.2	19.0	78.8	4.9	20.2	75.1
LV	3.6	23.3	73.2	11.9	25.8	62.3
LT	4.5	32.8	62.7	14.0	28.9	57.1
LU	0.4	15.7	83.9	1.6	23.1	75.6
HU	4.0	29.6	66.4	5.0	32.3	62.7
MT	2.6	21.5	75.9	2.2	34.3	63.4
NL	2.0	24.4	73.6	3.2	17.5	79.3
AT	1.8	30.6	67.7	6.0	23.9	70.1
PL	4.3	31.1	64.6	19.0	26.8	54.2
PT	2.5	24.5	73.0	11.9	29.3	58.8
RO	6.4	37.0	56.5	33.3	29.8	36.9
SI	2.4	34.4	63.3	10.0	35.2	54.8
SK	2.9	37.0	60.2	4.4	34.1	61.5
FI	3.2	32.6	64.1	5.0	25.8	69.1
SE	1.4	28.3	70.3	2.3	22.9	74.8
UK	0.7	23.1	76.2	1.4	17.8	80.8
HR	6.1	28.2	65.8	13.0	30.5	56.5
MK	10.8	32.2	57.0	18.2	31.3	50.4
TR	8.7	27.8	63.5	26.4	25.5	48.0
IS	6.0	25.7	68.3	5.1	23.1	71.7
NO	1.4	42.7	55.9	3.3	20.0	76.7
CH	1.2	28.0	70.8	3.8	23.6	72.5

**Notes:** Agriculture covers agriculture, hunting, forestry and fishing. Industry includes mining and quarrying, manufacturing, energy, gas and water supply as well as construction. All other sectors are included in services.  
Share of employment: IS: 2005; MT: 2000. UK: Share based on number of jobs (not persons).



## Population

	AT 1 JANUARY							change '07/'08
	MILLION							
	1990	1995	2000	2005	2006	2007	2008	
<b>EU-27</b>	470.388	476.491	481.072	489.211	491.176	493.236	495.578	0.5
<b>EU-15</b>	363.493	370.667	375.550	385.686	387.756	389.914	392.262	0.6
<b>EU-12</b>	106.896	105.824	105.523	103.525	103.420	103.322	103.316	0.0
<b>BE</b>	9.948	10.131	10.239	10.446	10.511	10.585	10.667	0.8
<b>BG</b>	8.767	8.427	8.191	7.761	7.719	7.679	7.640	-0.5
<b>CZ</b>	10.362	10.333	10.278	10.221	10.251	10.287	10.381	0.9
<b>DK</b>	5.135	5.216	5.330	5.411	5.427	5.447	5.476	0.5
<b>DE</b>	79.113	81.539	82.163	82.501	82.438	82.315	82.218	-0.1
<b>EE</b>	1.571	1.448	1.372	1.348	1.345	1.342	1.341	-0.1
<b>IE</b>	3.507	3.598	3.778	4.109	4.209	4.313	4.401	2.1
<b>EL</b>	10.121	10.595	10.904	11.083	11.125	11.172	11.214	0.4
<b>ES</b>	38.826	39.343	40.050	43.038	43.758	44.475	45.283	1.8
<b>FR</b>	56.577	57.753	58.850	60.825	61.167	61.538	61.876	0.5
<b>IT</b>	56.694	56.844	56.924	58.462	58.752	59.131	59.619	0.8
<b>CY</b>	0.573	0.645	0.690	0.749	0.766	0.779	0.789	1.4
<b>LV</b>	2.668	2.501	2.382	2.306	2.295	2.281	2.271	-0.5
<b>LT</b>	3.694	3.643	3.512	3.425	3.403	3.385	3.366	-0.5
<b>LU</b>	0.379	0.406	0.434	0.461	0.469	0.476	0.484	1.6
<b>HU</b>	10.375	10.337	10.222	10.098	10.077	10.066	10.045	-0.2
<b>MT</b>	0.352	0.369	0.380	0.403	0.405	0.408	0.410	0.6
<b>NL</b>	14.893	15.424	15.864	16.306	16.334	16.358	16.405	0.3
<b>AT</b>	7.645	7.943	8.002	8.207	8.266	8.299	8.332	0.4
<b>PL</b>	38.038	38.581	38.654	38.174	38.157	38.125	38.116	0.0
<b>PT</b>	9.996	10.018	10.195	10.529	10.570	10.599	10.618	0.2
<b>RO</b>	23.211	22.194	22.455	21.659	21.610	21.565	21.529	-0.2
<b>SI</b>	1.996	1.989	1.988	1.998	2.003	2.010	2.026	0.8
<b>SK</b>	5.288	5.356	5.399	5.385	5.389	5.394	5.401	0.1
<b>FI</b>	4.974	5.099	5.171	5.237	5.256	5.277	5.300	0.4
<b>SE</b>	8.527	8.816	8.861	9.011	9.048	9.113	9.183	0.8
<b>UK</b>	57.157	57.943	58.785	60.060	60.426	60.817	61.186	0.6
<b>HR</b>	4.778	4.669	4.442	4.444	4.443	4.441	4.436	-0.1
<b>MK</b>	1.873	1.957	2.022	2.035	2.039	2.042	2.045	0.2
<b>TR</b>	55.495	61.204	66.889	71.610	72.520	69.689	70.586	1.3
<b>IS</b>	0.254	0.267	0.279	0.294	0.300	0.308	0.313	1.9
<b>NO</b>	4.233	4.348	4.478	4.606	4.640	4.681	4.737	1.2
<b>CH</b>	6.674	7.019	7.164	7.415	7.459	7.509	7.593	1.1
<b>LI</b>	0.028	0.031	0.032	0.035	0.035	0.035	0.035	0.5

Notes: CY: government-controlled area only;

FR: metropolitan France only (i.e. no overseas departments and territories).

## Member States External Trade

### IMPORTS

YEAR 2007 (VALUE = billion €)

	IMPORTS FROM:								
	WORLD	EU-27	EXTRA- EU-27	OF WHICH:					
				CANDIDATE 3	EFTA	USA	JAPAN	RUSSIA	CHINA
<b>EU-27</b>	4 011.0	2 577.1	1 433.8	53.8	157.3	181.6	78.3	144.3	232.6
BE	301.7	214.0	87.8	2.6	5.5	16.4	7.6	4.9	12.5
BG	21.9	12.8	9.1	1.8	0.3	0.2	0.1	2.7	0.6
CZ	86.2	69.1	17.2	0.5	0.9	1.1	1.8	3.9	4.3
DK	71.9	52.5	19.4	0.7	5.1	2.3	0.5	0.9	3.9
DE	769.8	497.3	272.5	10.0	45.6	34.8	18.3	27.6	48.7
EE	11.4	9.0	2.4	0.1	0.1	0.1	0.1	1.1	0.3
IE	61.2	42.8	18.4	0.4	1.8	6.9	1.0	0.1	2.0
EL	55.6	32.2	23.5	2.0	1.2	1.3	1.2	3.1	2.8
ES	284.1	179.0	105.1	4.3	4.9	8.4	4.7	7.7	15.8
FR	452.0	311.1	140.9	4.3	16.6	19.9	6.1	10.6	18.2
IT	368.1	209.7	158.4	7.0	13.8	11.1	5.4	14.4	21.8
CY	6.3	4.3	2.0	0.0	0.1	0.1	0.2	0.0	0.3
LV	11.2	8.7	2.5	0.1	0.2	0.1	0.0	1.0	0.3
LT	17.8	12.2	5.6	0.1	0.2	0.4	0.1	3.2	0.5
LU	20.0	14.7	5.3	0.0	0.2	0.7	0.1	0.2	3.4
HU	69.7	48.4	21.3	0.6	0.5	1.0	1.8	4.8	5.4
MT	3.2	2.3	0.9	0.0	0.1	0.1	0.1	0.0	0.1
NL	359.4	180.2	179.3	2.3	11.4	26.3	11.1	18.3	37.7
AT	119.0	94.4	24.6	2.0	6.3	2.7	1.0	1.7	2.9
PL	120.9	88.6	32.3	1.3	1.8	1.5	1.1	10.5	5.1
PT	57.1	43.0	14.0	0.5	1.1	1.0	0.6	0.6	1.1
RO	51.0	36.3	14.7	2.8	0.5	0.7	0.3	3.2	1.7
SI	23.0	17.0	6.0	1.8	0.2	0.3	0.1	0.5	0.4
SK	43.9	32.6	11.3	0.3	0.3	0.4	0.5	4.0	1.6
FI	59.6	38.2	21.4	0.3	1.5	1.3	1.0	8.3	3.3
SE	110.4	78.2	32.2	0.9	10.1	3.4	2.2	3.4	4.7
UK	454.5	248.8	205.7	6.8	26.9	39.2	11.3	7.6	33.2

Notes: Candidate 3: Croatia, Former Yugoslav Republic Of Macedonia, Turkey  
EFTA: Iceland, Liechtenstein, Norway, Switzerland.

## Member States External Trade

### EXPORTS

YEAR 2007 (VALUE = billion €)

	EXPORTS TO:								
	WORLD	EU-27	EXTRA - EU-27	OF WHICH:					
				CANDIDATE 3	EFTA	USA	JAPAN	RUSSIA	CHINA
<b>EU-27</b>	3 889.5	2 648.1	1 241.4	68.0	140.8	261.4	43.7	89.1	71.9
BE	315.5	240.7	74.9	3.5	6.9	18.1	2.5	3.3	3.3
BG	13.5	8.2	5.3	2.0	0.1	0.3	0.0	0.3	0.1
CZ	89.4	76.2	13.1	1.0	1.8	1.7	0.4	2.1	0.5
DK	74.9	52.6	22.3	0.6	5.2	4.5	1.4	1.4	1.3
DE	964.0	623.9	340.2	18.0	44.7	73.0	13.0	28.1	29.9
EE	8.0	5.6	2.4	0.1	0.3	0.3	0.0	0.7	0.1
IE	88.7	56.3	32.4	0.5	3.9	15.8	1.7	0.3	1.3
EL	17.2	11.2	6.0	1.1	0.2	0.7	0.1	0.4	0.1
ES	184.8	130.8	54.0	3.2	3.9	7.4	1.3	2.1	2.1
FR	402.7	261.0	141.7	5.7	12.2	24.9	5.8	5.6	9.0
IT	358.6	215.4	143.2	10.2	15.2	24.4	4.3	9.6	6.3
CY	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
LV	6.1	4.4	1.7	0.0	0.2	0.1	0.0	0.8	0.0
LT	12.5	8.1	4.4	0.1	0.4	0.3	0.0	1.9	0.0
LU	16.4	14.5	1.9	0.3	0.2	0.3	0.0	0.1	0.2
HU	69.6	55.0	14.6	2.2	1.0	1.6	0.3	2.2	0.8
MT	2.1	1.1	1.1	0.0	0.0	0.2	0.1	0.0	0.0
NL	401.9	313.8	88.1	4.6	8.6	17.5	2.6	6.9	3.7
AT	119.4	86.6	32.7	2.6	5.8	5.9	1.1	2.9	1.7
PL	102.3	80.7	21.6	1.6	2.7	1.5	0.2	4.7	0.7
PT	37.6	28.8	8.8	0.2	0.4	1.8	0.3	0.1	0.2
RO	29.4	21.1	8.3	2.2	0.5	0.6	0.1	0.4	0.2
SI	22.0	15.2	6.7	2.1	0.2	0.3	0.0	1.0	0.1
SK	42.4	36.8	5.6	0.7	0.5	1.1	0.1	1.0	0.3
FI	65.7	37.3	28.4	0.7	2.7	4.2	1.2	6.7	2.2
SE	123.4	75.6	47.8	1.2	13.2	9.4	1.5	2.5	2.4
UK	320.4	186.4	134.0	3.7	10.0	45.6	5.5	4.1	5.5

**Notes:** Candidate 3: Croatia, Former Yugoslav Republic Of Macedonia, Turkey  
EFTA: Iceland, Liechtenstein, Norway, Switzerland.

## Comparison EU – World

### GENERAL DATA

	EU-27 2007	USA 2007	JAPAN 2007	CHINA 2007	RUSSIA 2007
<b>Population</b> million	494.41	301.21	127.77	1 317.89	142.20
<b>Population growth</b> % change since previous year	0.4	0.5	0.0	0.5	-0.4
<b>Urban population</b> % of total	80	81	80	44	73
<b>Area</b> thousand km <sup>2</sup>	4 323	9 629	378	9 597	17 075
<b>Population density</b> Persons/km <sup>2</sup>	114	31	338	137	8
<b>GDP (nominal)</b> € billion	12 343	10 075	3 199	2 470	946
<b>Real GDP growth</b> (in national currency); %	2.9	2.0	2.4	14.7	8.1
<b>Relative GDP per capita</b> in PPP (EU-27 = 100)	100	153	112	18	49
<b>Exports</b> € billion	1 241	829	489	872	243
<b>Imports</b> € billion	1 434	1 443	440	624	174

**Notes:** EU-27: only extra-EU trade.

# PART 2

# ENERGY



## PART 2 SUMMARY

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## 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:

$\text{net imports} / (\text{gross inland consumption} + \text{bunkers})$ .

**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:  
 $\text{primary production} + \text{recovered products} + \text{imports} + \text{stock changes} - \text{exports} - \text{bunkers}$  (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.

## Glossary

**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 3 600 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.

1 ktoe = 1 000 toe

1 Mtoe = 1 000 000 toe



## Average Calorific Values, ENERGY CONTENT

		<b>kJ (NCV)</b>	<b>kgoe (NCV)</b>
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
<b>FROM:</b>				
TJ	1	238.8	$2.388 \times 10^{-5}$	0.2778
Gcal	$4.1868 \times 10^{-3}$	1	$1 \times 10^{-7}$	$1.163 \times 10^{-3}$
Mtoe	$4.1868 \times 10^4$	$1 \times 10^7$	1	11 630
GWh	3.6	860	$8.6 \times 10^{-5}$	1

### VOLUME

TO:	Barrel	Litre	U.S. gallon	U.K. gallon
<b>FROM:</b>				
Barrel	1	158.99	42	34.9723
Litre	$0.6290 \times 10^{-2}$	1	0.2642	0.2200
US gallon	$0.2381 \times 10^{-1}$	3.7854	1	0.8327
UK gallon	$0.2859 \times 10^{-1}$	4.5461	1.2009	1

### MASS

TO:	Tonne	Long ton	Short ton
<b>FROM:</b>			
Tonne (t)	1	0.9842	1.1023
Long ton (lt) UK	1.0160	1	1.1200
Short ton (st) US	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 ( $\mu$ )
$10^9$	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)

## 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 1<sup>st</sup> 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 m<sup>2</sup> with 4-5 rooms plus kitchen with an annual consumption of 7 500 kWh. For industrial prices, the standard consumer's annual consumption is 24 000MWh. 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 418 000 GJ.

### Petroleum Products

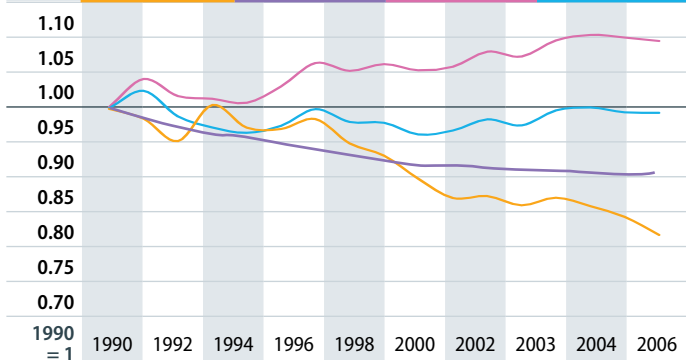
Heating gasoil, low sulphur fuel oil, unleaded petrol and automotive diesel prices are supplied to Energy and Transport DG by the Member States as those being the most frequently encountered for the specific categories of sales. The prices given are as of January 15<sup>th</sup> in each year.

The heating gasoil prices given are for deliveries of between 2 000 and 5 000 litres while those for low sulphur fuel oil are for monthly deliveries of less than 2 000 tonnes or annual deliveries of less than 24 000 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.

## Indicators (EU-27 AGGREGATED)

	ENERGY INTENSITY (toe/Meuro)(*)	CARBON INTENSITY (tonne CO <sub>2</sub> /toe)	GIC PER CAPITA (kgoe/inh.)	CO <sub>2</sub> EMISSIONS PER CAPITA (kg/inh.)
1990	215.1	2.75	3 377	9 290
1991	212.1	2.71	3 513	9 516
1992	205.3	2.68	3 431	9 183
1993	216.3	2.64	3 417	9 039
1994	209.4	2.64	3 398	8 969
1995	209.0	2.61	3 477	9 060
1996	212.0	2.58	3 589	9 278
1997	204.6	2.56	3 552	9 110
1998	200.8	2.54	3 584	9 100
1999	193.7	2.52	3 554	8 947
2000	187.8	2.52	3 571	8 998
2001	188.5	2.51	3 644	9 145
2002	185.6	2.50	3 620	9 066
2003	188.0	2.50	3 698	9 261
2004	185.4	2.50	3 724	9 299
2005	182.1	2.49	3 712	9 236
2006	176.6	2.50	3 695	9 230



**Notes:** (\*) For GDP at 2000 market prices

GIC = gross inland consumption

**Definition:** carbon intensity = CO<sub>2</sub> emissions/gross inland consumption  
 energy intensity = gross inland consumption of energy /  
 gross domestic product

## Gross Inland Consumption 2006 (Mtoe)

	ALL FUELS	Solid fuels	Oil	Natural gas	Nuclear	Renewables	Other (*)
<b>EU-27</b>	1 825.2	325.2	673.0	437.9	255.3	129.7	4.0
<b>Share</b>	100.0%	17.8%	36.9%	24.0%	14.0%	7.1%	0.2%
<b>EU-25</b>	1 763.8	308.8	657.0	420.4	248.9	123.8	4.9
<b>Share</b>	100.0%	17.5%	37.2%	23.8%	14.1%	7.0%	0.3%
BE	60.4	5.2	23.7	15.0	12.0	1.8	2.8
BG	20.5	7.0	5.1	2.9	5.0	1.1	-0.6
CZ	46.2	20.9	10.0	7.6	6.7	2.0	-1.0
DK	20.9	5.5	8.2	4.5		3.3	-0.6
DE	349.0	82.2	124.5	79.5	43.1	21.1	-1.4
EE	5.4	3.0	1.1	0.8		0.5	-0.1
IE	15.5	2.4	8.5	4.0		0.4	0.2
EL	31.5	8.4	18.2	2.7		1.8	0.4
ES	143.8	17.9	70.3	31.0	15.5	9.4	-0.3
FR	273.8	13.2	92.2	39.6	116.1	18.0	-5.4
IT	186.1	16.7	83.2	69.2		13.1	4.0
CY	2.6	0.0	2.5			0.1	0.0
LV	4.6	0.1	1.5	1.4		1.4	0.2
LT	8.4	0.3	2.7	2.5	2.2	0.8	0.0
LU	4.7	0.1	3.0	1.2		0.1	0.3
HU	27.8	3.1	7.8	11.5	3.5	1.3	0.6
MT	0.9		0.9				
NL	80.5	7.9	32.7	34.3	0.9	2.9	1.8
AT	34.1	4.0	14.4	7.5		7.3	0.9
PL	98.3	57.0	24.2	12.4		5.0	-0.4
PT	25.3	3.3	13.6	3.6		4.3	0.5
RO	40.9	9.5	10.9	14.6	1.5	4.8	-0.3
SI	7.3	1.6	2.7	0.9	1.4	0.8	0.0
SK	18.8	4.4	3.7	5.4	4.6	0.9	-0.2
FI	37.8	7.4	11.0	3.9	5.9	8.6	1.0
SE	50.3	2.7	14.1	0.9	17.3	14.8	0.6
UK	229.4	41.3	82.3	81.1	19.5	4.3	0.9
HR	9.0	0.6	4.6	2.4		0.9	0.5
MK							
TR	94.7	26.6	31.7	26.0		10.5	-0.1
IS	4.3	0.1	1.0			3.3	
NO	25.0	0.7	7.9	4.7		11.6	0.1
CH	28.1	0.2	12.9	2.7	7.2	4.6	0.5

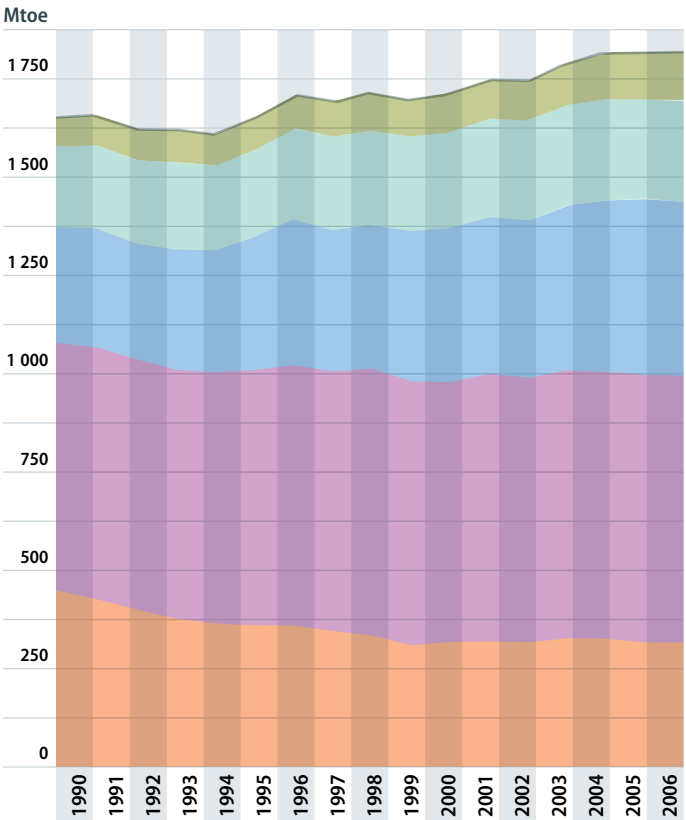
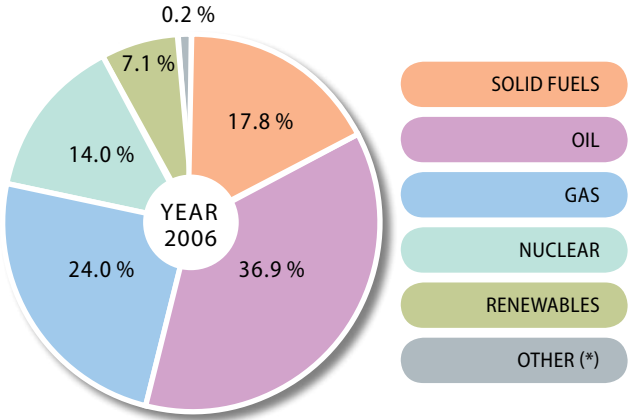
Notes: (\*) Electrical Energy and Industrial Waste.

## Gross Inland Consumption

### 2006, RENEWABLES in ktoe

	RENEWABLES	Biomass	Hydro	Wind	Solar	Geothermal
EU-27	129 719	89 512	26 569	7 074	988	5 576
Share	100.0%	69.0%	20.5%	5.5%	0.8%	4.3%
EU-25	123 798	85 585	24 626	7 073	988	5 526
Share	100.0%	69.1%	19.9%	5.7%	0.8%	4.5%
BE	1 767	1 700	31	31	3	2
BG	1 140	741	364	2		33
CZ	1 972	1 746	219	4	3	
DK	3 257	2 708	2	525	10	12
DE	21 113	16 120	1 714	2 641	472	167
EE	531	523	1	7		
IE	420	217	62	139	1	1
EL	1 796	1 010	520	146	109	11
ES	9 385	5 064	2 226	2 003	84	8
FR	18 003	12 784	4 872	188	29	130
IT	13 097	4 657	3 181	255	38	4 966
CY	50	7			43	
LV	1 433	1 197	232	4		
LT	787	750	34	1		2
LU	79	63	9	5	2	
HU	1 272	1 164	16	4	2	86
MT						
NL	2 909	2 643	9	235	22	
AT	7 282	4 000	2 999	148	101	35
PL	4 987	4 776	176	22		13
PT	4 320	3 011	946	252	24	88
RO	4 781	3 185	1 578	0		18
SI	768	459	309			
SK	859	474	378	1	0	6
FI	8 576	7 574	988	13	1	
SE	14 813	9 415	5 307	85	6	
UK	4 320	3 523	395	363	37	1
HR	884	366	516	2		
MK						
TR	10 538	5 159	3 804	11	402	1 162
IS	3 259	2	627			2 630
NO	11 635	1 310	10 267	58		
CH	4 575	1 733	2 662	1	28	151

# Gross Inland Consumption – EU-27 BY FUEL



Notes: (\*) Electrical Energy and Industrial Waste.

## Import Dependency

2006 (in %)

	ALL FUELS	Solid Fuels	Oil	Gas
EU-27	53.8	41.1	83.7	60.8
EU-25	54.4	41.7	84.2	61.6
BE	77.9	96.3	100.8	100.2
BG	46.2	35.3	99.1	89.9
CZ	28.0	-16.1	96.6	104.5
DK	-36.8	93.6	-88.5	-103.3
DE	61.3	35.4	95.7	83.6
EE	33.5	-0.1	94.9	100.0
IE	90.9	70.4	101.5	89.8
EL	71.9	2.7	101.3	99.1
ES	81.4	75.6	100.8	101.3
FR	51.2	104.8	98.7	99.6
IT	86.8	99.7	92.5	91.2
CY	102.5	116.7	104.2	
LV	65.7	119.7	102.3	108.8
LT	64.0	94.6	97.7	101.0
LU	98.9	100.0	101.0	100.0
HU	62.5	39.2	78.0	82.2
MT				
NL	38.0	102.3	95.7	-61.6
AT	72.9	93.6	95.2	87.7
PL	19.9	-21.6	98.1	71.9
PT	83.1	105.6	98.1	100.6
RO	29.1	28.4	44.0	32.8
SI	52.1	20.1	97.8	99.6
SK	64.0	80.8	94.6	96.6
FI	54.6	61.7	100.4	100.0
SE	37.8	86.9	99.4	100.0
UK	21.3	75.5	8.9	11.8
HR	54.3	109.0	76.9	8.0
MK				
TR	72.5	51.1	94.0	96.9
IS	25.1	100.0	97.4	
NO	-773.8	-126.2	-1 472.9	-1 554.5
CH	57.3	95.0	100.4	100.0

**Notes:** 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.

**Definition:** Import Dependency = Net Imports / (Bunkers+Gross Inland Consumption)



## Crude Oil and Gas Imports

### Crude Oil Imports into the EU-27 (in Mio tonnes)

ORIGIN	2000	2001	2002	2003	2004	2005	2006	SHARE 2006 (%)
Russia	112.4	136.8	154.7	170.8	188.9	188.0	189.0	33.5
Norway	115.9	108.1	103.1	106.4	108.6	97.5	89.1	15.8
Libya	45.5	43.8	39.2	45.9	50.0	50.6	53.2	9.4
Saudi Arabia	65.1	57.5	53.1	61.5	64.5	60.7	50.9	9.0
Iran	35.5	31.4	25.9	34.7	35.9	35.4	36.4	6.4
Other, Middle East	54.7	48.3	43.2	27.8	28.5	30.0	32.1	5.7
Kazakhstan	9.9	9.1	13.4	15.9	22.2	26.4	26.8	4.8
Nigeria	22.4	25.7	18.4	23.2	14.9	18.6	20.2	3.6
Other Origin	54.3	54.3	64.2	56.5	56.1	66.1	66.9	11.8
<b>Total Imports</b>	<b>515.8</b>	<b>514.9</b>	<b>515.3</b>	<b>542.9</b>	<b>569.5</b>	<b>573.3</b>	<b>564.6</b>	<b>100.0</b>
<b>in Million barrels</b>	<b>3 765</b>	<b>3 759</b>	<b>3 761</b>	<b>3 963</b>	<b>4 158</b>	<b>4 185</b>	<b>4 121</b>	

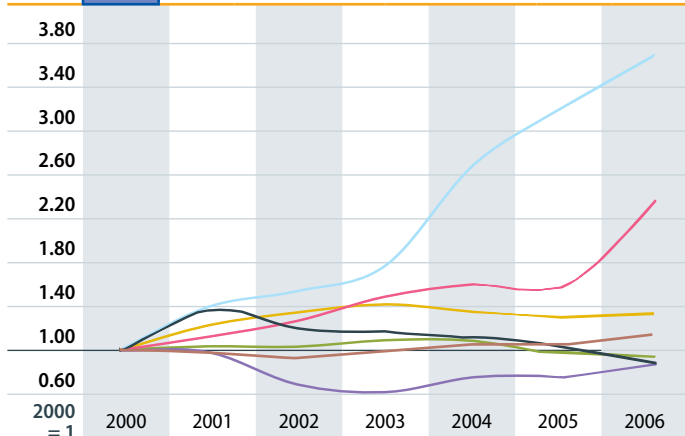
### Gas Imports into the EU-27 (in TJ, terajoules)

ORIGIN	2000	2001	2002	2003	2004	2005	2006	SHARE 2006 (%)
Russia	4 539 709	4 421 515	4 554 744	4 895 252	4 951 044	4 952 879	4 927 552	42.0
Norway	1 985 231	2 136 379	2 601 569	2 699 473	2 801 723	2 671 779	2 844 269	24.2
Algeria	2 203 075	1 957 181	2 132 477	2 158 803	2 042 137	2 256 826	2 134 886	18.2
Nigeria	172 020	216 120	217 882	335 929	410 260	436 319	560 986	4.8
Libya	33 442	33 216	25 536	30 390	47 809	209 499	321 562	2.7
Egypt						202 419	317 420	2.7
Qatar	12 443	27 463	87 952	80 414	160 170	195 713	245 158	2.1
Trinidad and Tobago	36 334	24 498	19 120	1 365		29 673	154 244	1.3
Other Origin	112 810	199 256	125 425	100 023	313 245	409 387	223 232	1.9
<b>Total Imports</b>	<b>9 095 064</b>	<b>9 015 628</b>	<b>9 764 705</b>	<b>10 301 649</b>	<b>10 726 388</b>	<b>11 364 494</b>	<b>11 729 309</b>	<b>100</b>
<b>in Mio Cubic meters</b>	<b>240 610</b>	<b>238 509</b>	<b>258 326</b>	<b>272 530</b>	<b>283 767</b>	<b>300 648</b>	<b>310 299</b>	

**Notes:** Gross calorific value of 1 million cubic meter of Natural Gas can vary between 37.5 and 42.5 terajoule.

## Hard Coal Imports INTO THE EU-27 (in kilotonnes by origin)

	TOTAL EU-27	Russia	South Africa	Australia	Colombia	Indonesia	United States	Other
1990	110 811	3 945	24 538	17 778	9 065	239	47 013	8 233
1991	126 459	4 057	25 862	20 743	11 642	672	53 855	9 628
1992	136 041	11 122	28 256	22 201	12 087	2 349	49 262	10 764
1993	112 194	9 476	26 711	19 949	11 717	1 911	34 567	7 863
1994	113 237	9 257	27 796	21 427	11 437	3 496	29 936	9 888
1995	124 429	8 906	29 093	19 544	11 478	3 359	41 487	10 562
1996	123 305	6 928	32 716	16 440	18 271	3 822	35 881	9 247
1997	134 428	7 738	34 038	19 355	19 870	5 427	36 115	11 885
1998	132 814	7 768	35 359	22 256	18 952	7 129	29 503	11 847
1999	131 338	10 252	35 264	25 459	19 079	7 710	20 689	12 885
2000	151 215	14 976	40 177	28 600	23 132	8 770	20 447	15 113
2001	172 613	20 875	49 273	29 450	22 633	9 826	20 119	20 437
2002	171 163	23 033	53 961	29 337	21 398	11 074	14 082	18 278
2003	180 360	26 545	56 932	31 004	22 908	13 004	12 619	17 348
2004	196 062	40 382	54 190	30 838	24 224	13 980	15 416	17 032
2005	196 441	48 304	51 698	27 013	24 147	14 102	15 673	15 504
2006	212 394	54 890	53 172	27 258	26 052	20 313	17 265	13 444
2006 (%)	100.0	25.8	25.0	12.8	12.3	9.6	8.1	6.3

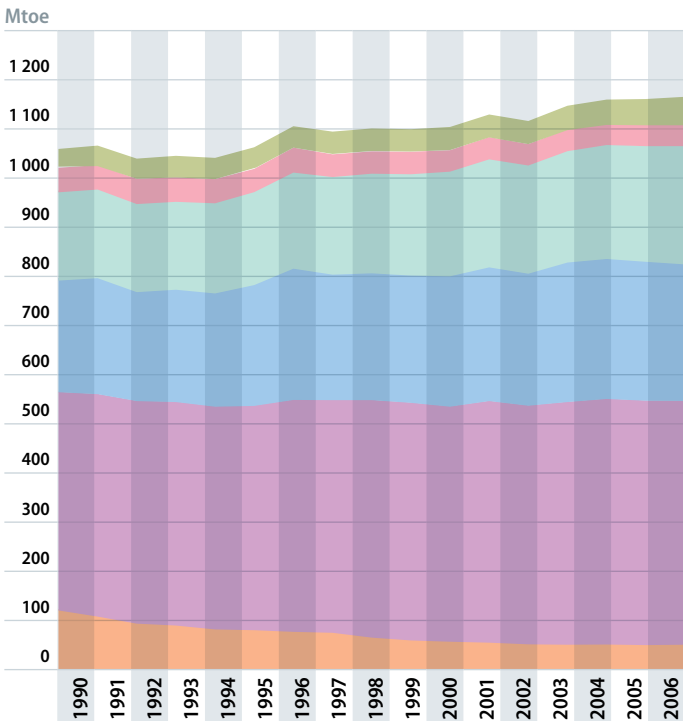
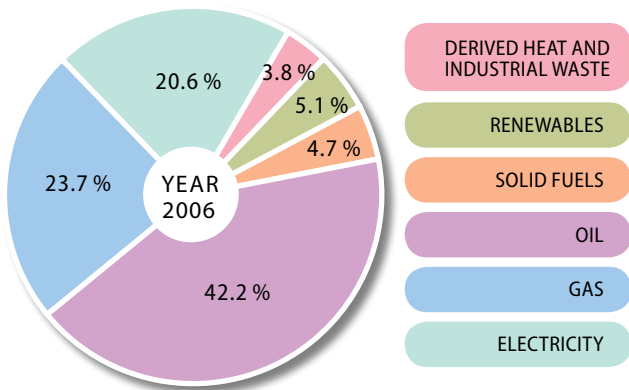


## Final Energy Consumption BY FUEL 2006 (in Mtoe)

	ALL FUELS	Solid Fuels	Oil	Gas	Electricity	Derived Heat & Industrial Waste	Renewables (*)
EU-27	1 177.4	55.5	496.5	278.6	243.0	44.2	59.7
EU-25	1 142.7	53.0	486.2	269.1	237.2	41.2	55.8
BE	38.2	2.0	15.5	10.5	7.1	2.3	0.7
BG	10.0	1.0	3.9	1.2	2.3	1.0	0.8
CZ	26.2	4.0	6.9	6.6	4.9	2.4	1.5
DK	15.6	0.3	7.3	1.7	2.9	2.4	1.0
DE	223.1	9.8	89.7	60.5	45.4	7.4	10.2
EE	2.8	0.1	1.0	0.2	0.6	0.5	0.4
IE	13.0	0.7	8.4	1.5	2.2		0.2
EL	21.5	0.4	14.7	0.7	4.5	0.1	1.1
ES	97.4	1.6	53.1	16.8	22.1		4.0
FR	157.8	5.4	72.3	32.7	36.7		10.8
IT	130.7	4.2	57.5	40.0	26.5	0.1	2.5
CY	1.8	0.0	1.4		0.4	0.0	0.0
LV	4.2	0.1	1.5	0.5	0.5	0.6	1.0
LT	4.7	0.3	1.7	0.5	0.7	0.9	0.6
LU	4.4	0.1	3.0	0.7	0.6	0.1	0.0
HU	17.9	0.7	5.1	7.2	2.9	1.3	0.8
MT	0.5		0.3		0.2		
NL	50.8	1.2	17.3	20.2	9.1	2.4	0.5
AT	26.8	1.5	11.4	4.5	5.0	1.7	2.7
PL	60.8	12.4	18.4	8.6	9.5	7.6	4.2
PT	18.5	0.0	10.1	1.3	4.1	0.3	2.6
RO	24.7	1.5	6.4	8.2	3.5	2.0	3.1
SI	4.9	0.1	2.4	0.7	1.1	0.2	0.4
SK	10.7	1.6	2.1	3.7	2.0	0.8	0.3
FI	26.7	0.9	8.2	1.3	7.4	4.5	4.4
SE	33.2	1.2	10.7	0.9	11.2	4.2	5.1
UK	150.4	4.5	66.3	47.9	29.6	1.2	0.8
HR	6.4	0.1	3.2	1.2	1.3	0.2	0.4
MK							
TR	69.1	13.3	23.1	13.0	12.1	1.0	6.6
IS	2.4	0.1	0.8		0.8	0.2	0.5
NO	18.4	0.6	7.0	0.3	9.3	0.2	1.1
CH	21.6	0.1	12.0	2.6	5.0	0.6	1.3

Notes: (\*) Excluding consumption of Renewables for Electricity and Derived Heat.

## Final Energy Consumption – EU-27 BY FUEL (in Mtoe)

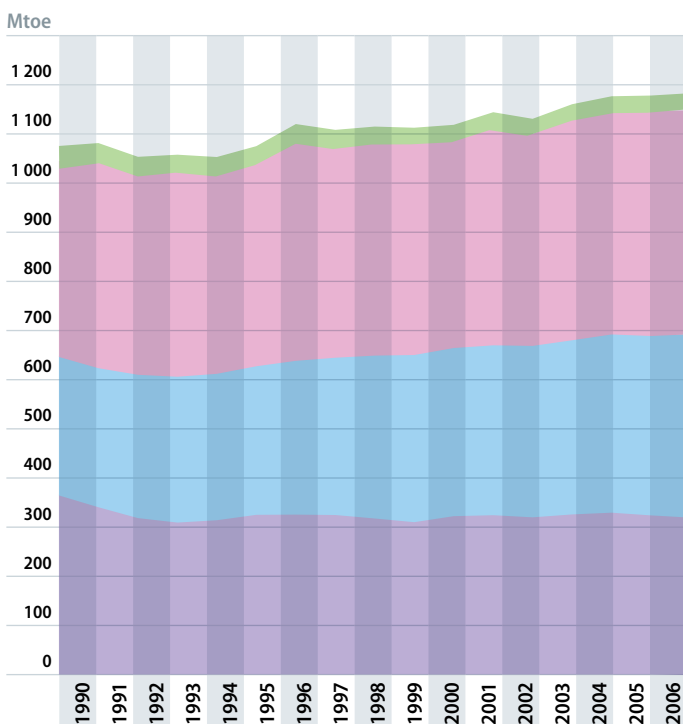
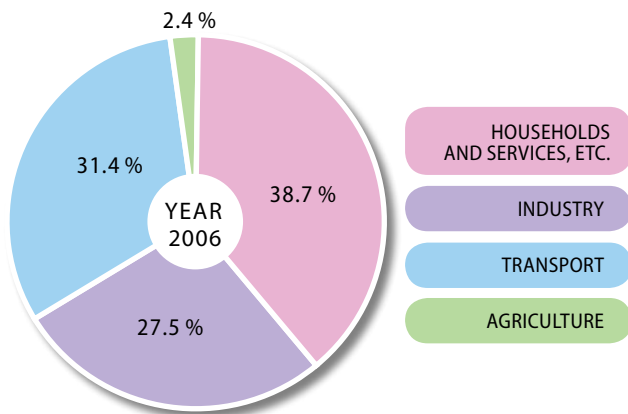


**Notes:** Renewables not including Electricity.

## Final Energy Consumption BY SECTOR 2006 (Mtoe)

	ALL SECTORS	INDUSTRY	TRANSPORT				HOUSEHOLDS, SERVICES, ETC.		Households	Agriculture	Services, etc.
			Road	Railways	Air	Inland navigation					
EU-27	1 177.4	323.3	370.1	303.3	9.1	51.9	5.9	483.9	304.9	28.7	150.3
Share	100.0%	27.5%	31.4%	81.9%	2.4%	14.0%	1.6%	41.1%	63.0%	5.9%	31.1%
EU-25	1 142.7	310.0	363.0	296.8	8.8	51.5	5.9	469.6	294.9	28.2	146.6
Share	100.0%	27.1%	31.8%	81.8%	2.4%	14.2%	1.6%	41.1%	62.8%	6.0%	31.2%
BE	38.2	14.4	9.6	8.1	0.2	1.2	0.2	14.1	8.9	0.7	4.5
BG	10.0	3.8	2.8	2.5	0.1	0.2		3.4	2.2	0.3	0.9
CZ	26.2	9.5	6.3	5.7	0.3	0.4	0.0	10.5	6.5	0.6	3.4
DK	15.6	2.9	5.3	4.2	0.1	0.9	0.1	7.4	4.4	0.9	2.0
DE	223.1	55.6	63.3	52.4	1.9	8.7	0.3	104.1	69.1	2.6	32.4
EE	2.8	0.6	0.8	0.7	0.1	0.0	0.0	1.4	0.9	0.1	0.4
IE	13.0	2.8	5.4	4.4	0.0	0.9	0.0	4.9	3.1	0.3	1.6
EL	21.5	4.2	8.5	6.4	0.1	1.3	0.7	8.7	5.5	1.2	2.1
ES	97.4	29.5	40.7	32.5	1.0	5.6	1.7	27.2	15.2	2.8	9.3
FR	157.8	34.8	50.9	42.3	1.3	7.1	0.3	72.1	44.6	3.2	24.3
IT	130.7	38.0	44.2	39.0	0.9	4.0	0.2	48.5	29.9	3.4	15.1
CY	1.8	0.3	0.9	0.6	0.0	0.3		0.6	0.3	0.0	0.2
LV	4.2	0.7	1.2	1.0	0.1	0.1		2.3	1.5	0.2	0.6
LT	4.7	1.1	1.5	1.4	0.1	0.1	0.0	2.2	1.4	0.1	0.6
LU	4.4	1.0	2.6	2.2	0.0	0.4		0.7	0.6	0.0	0.1
HU	17.9	3.4	4.7	4.3	0.1	0.3	0.0	9.8	6.2	0.4	3.2
MT	0.5	0.0	0.3	0.2		0.1		0.1	0.1	0.0	0.1
NL	50.8	13.4	15.6	11.5	0.2	3.7	0.3	21.8	10.0	3.9	7.8
AT	26.8	8.7	7.7	6.6	0.3	0.7	0.0	10.3	6.6	0.6	3.1
PL	60.8	17.3	13.4	12.6	0.4	0.4	0.0	30.0	19.2	4.3	6.6
PT	18.5	5.7	7.1	6.1	0.1	0.9		5.7	3.2	0.3	2.2
RO	24.7	9.5	4.4	4.0	0.2	0.1	0.0	10.9	7.8	0.3	2.8
SI	4.9	1.7	1.6	1.5	0.0	0.0		1.7	1.2	0.1	0.5
SK	10.7	4.5	1.8	1.7	0.0	0.0		4.3	2.3	0.1	1.9
FI	26.7	13.3	5.0	4.0	0.1	0.6	0.2	8.4	4.9	0.8	2.7
SE	33.2	12.8	8.6	7.3	0.3	0.9	0.1	11.9	7.0	0.8	4.1
UK	150.4	33.5	55.9	39.9	1.4	13.0	1.7	60.9	42.1	0.9	17.9
HR	6.4	1.6	2.0	1.8	0.1	0.1	0.0	2.8	1.9	0.2	0.7
MK								0.0	0.0	0.0	0.0
TR	69.1	24.7	14.9	12.4	0.3	1.8	0.5	29.4	20.1	3.5	5.8
IS	2.4	0.9	0.5	0.3		0.2	0.0	1.1	0.6	0.3	0.2
NO	18.4	6.3	5.1	3.4	0.1	0.7	0.8	7.0	3.8	0.8	2.4
CH	21.6	4.1	7.1	5.5	0.3	1.3	0.0	10.4	6.1	0.1	4.1

## Final Energy Consumption – EU-27 BY SECTOR (Mtoe)



## Share of RES to final energy consumption(\*)

	2000	2001	2002	2003	2004	2005	2006
<b>EU-27</b>	7.5 %	7.5 %	7.8 %	7.9 %	8.2 %	8.7 %	9.2 %
<b>BE</b>	1.1 %	1.3 %	1.3 %	1.5 %	1.7 %	2.3 %	2.6 %
<b>BG</b>	7.7 %	7.6 %	8.5 %	8.3 %	8.8 %	9.1 %	9.0 %
<b>CZ</b>	2.1 %	2.3 %	2.9 %	4.3 %	6.0 %	6.1 %	6.4 %
<b>DK</b>	11.7 %	12.2 %	13.3 %	14.8 %	16.0 %	17.3 %	17.1 %
<b>DE</b>	3.7 %	4.2 %	4.8 %	4.9 %	5.6 %	6.5 %	7.8 %
<b>EE</b>	16.0 %	15.4 %	15.6 %	16.5 %	18.8 %	17.8 %	16.6 %
<b>IE</b>	1.9 %	2.1 %	2.1 %	2.0 %	2.3 %	2.8 %	3.0 %
<b>EL</b>	7.2 %	7.1 %	7.0 %	6.6 %	6.8 %	6.9 %	7.2 %
<b>ES</b>	8.2 %	8.1 %	8.2 %	8.5 %	8.3 %	8.5 %	8.7 %
<b>FR</b>	10.6 %	10.1 %	10.1 %	10.2 %	10.2 %	10.3 %	10.4 %
<b>IT</b>	4.8 %	4.9 %	5.5 %	4.7 %	5.2 %	5.8 %	6.3 %
<b>CY</b>	2.7 %	2.5 %	2.6 %	2.6 %	2.6 %	2.6 %	2.7 %
<b>LV</b>	33.3 %	33.2 %	32.4 %	32.9 %	33.3 %	32.6 %	31.4 %
<b>LT</b>	15.0 %	15.3 %	15.2 %	15.3 %	15.2 %	14.8 %	14.6 %
<b>LU</b>	0.9 %	0.9 %	0.9 %	0.9 %	0.9 %	1.0 %	1.0 %
<b>HU</b>	2.8 %	2.6 %	4.8 %	4.7 %	4.4 %	4.3 %	5.1 %
<b>MT</b>							
<b>NL</b>	1.6 %	1.6 %	1.6 %	1.8 %	2.0 %	2.4 %	2.7 %
<b>AT</b>	25.1 %	25.1 %	24.1 %	23.2 %	23.9 %	23.5 %	25.2 %
<b>PL</b>	6.5 %	6.9 %	7.2 %	7.1 %	7.1 %	7.2 %	7.5 %
<b>PT</b>	19.5 %	19.1 %	19.3 %	19.4 %	18.2 %	20.3 %	21.5 %
<b>RO</b>	16.9 %	14.0 %	14.8 %	16.3 %	16.4 %	17.6 %	17.1 %
<b>SI</b>	16.4 %	16.2 %	16.7 %	16.4 %	16.2 %	16.0 %	15.5 %
<b>SK</b>	3.2 %	5.8 %	4.9 %	5.5 %	5.9 %	6.5 %	6.8 %
<b>FI</b>	28.9 %	27.9 %	28.4 %	27.9 %	29.2 %	28.5 %	28.9 %
<b>SE</b>	37.7 %	37.2 %	36.5 %	37.3 %	38.2 %	39.5 %	41.4 %
<b>UK</b>	0.9 %	0.9 %	1.0 %	1.1 %	1.2 %	1.3 %	1.5 %

### The share of renewables to final energy consumption is the sum of:

- The final consumption of renewables for heat production (including the final consumption of district heat from renewables),
- The gross electricity generation from renewables,
- Liquid biofuels for transport,

divided by the final energy consumption (industry, transport, other sectors) of all energy sources, including consumption of the energy branch and distribution losses for electricity and heat production.

The normalised hydro production is calculated on the basis of the hydro installed capacity (excluding capacity for pumping). For 2006 the average 1992-2006 load factor is used, for 2005 the average 1991-2005 load factor is used, for 1997-2004 the average 1990-2004 load factor is used (due to unavailability of data before 1990 for some MS).

**Notes:** (\*) With normalised for hydro contribution, including consumption of the energy branch generation and distribution losses.

## 2.3

## 2.3.1

## Taxation of Energy Products

	EXCISES IN € PER 1 000 LITRES			VAT RATES		
	Euro Super 95	Automotive gas oil	Heating gas oil (**)	Standard rate	Electricity (**)	Natural gas
BE	597	333	18	21%	21%	21%
BG	350	307	26	20%	20%	20%
CZ	430	361	361	19%	19%	19%
DK	547	365	285	25%	25%	25%
DE	670	486	61	19%	19%	19%
EE	359	330	61	18%	18%	18%
IE	443	368	47	21%	13.5%	13.5%
EL	350	293	293	19%	9%	9%
ES	396	302	85	16%	16%	16%
FR	607	428	57	19.6%	19.6%	19.6%
IT	564	423	403	20%	20%	20%
CY	299	245	125	15%	15%	15%
LV	324	274	21	18%	18%	18%
LT	323	274	21	18%	18%	18%
LU	465	305	0	15%	6%	6%
HU	412	338	338	20%	20%	20%
MT	404	332	97	18%	18%	18%
NL	689	376	77	19%	19%	19%
AT	442	347	98	20%	20%	20%
PL	437	303	62	22%	22%	22%
PT	583	364	176	20%	5%	5%
RO	327	275	275	19%	19%	19%
SI	359	302	54	20%	20%	20%
SK	458	427	200	19%	19%	19%
FI	627	391	87	22%	22%	22%
SE	398	452	397	25%	25%	25%
UK	722	722	139	17.5%	5%	5%
EU min (*)	359	302	21	15%	15%	15%

Notes: (\*) Council Directives 2003/96/EC for excises, 2001/41/EC for VAT.

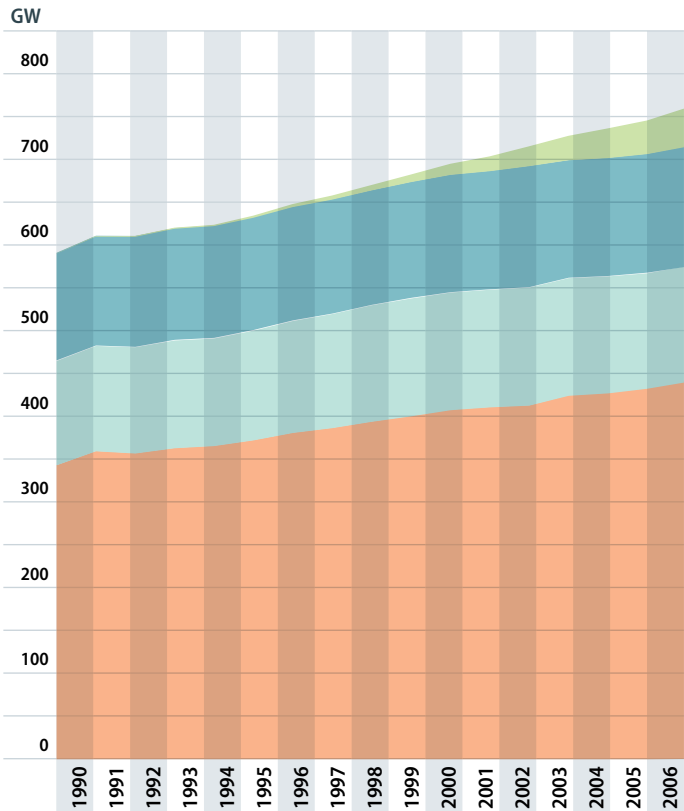
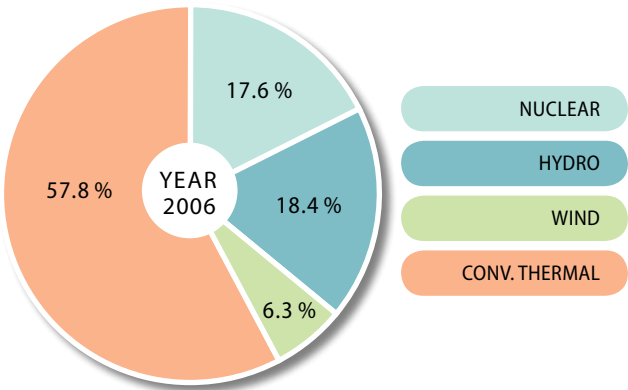
(\*\*) Non-business use.



## Electricity Production Capacity 2006 (in MW)

	TOTAL	Conventional Thermal	Nuclear	Wind	Geothermal	HYDRO	of which: pumping
EU-27	762 164	440 094	133 806	47 685	696	139 883	34 402
Share	100.0%	57.7%	17.6%	6.3%	0.1%	18.4%	24.6%
EU-25	730 925	421 442	130 377	47 657	696	130 753	33 538
Share	100.0%	57.7%	17.8%	6.5%	0.1%	17.9%	25.6%
BE	16 258	8 807	5 825	212		1 414	1 307
BG	12 015	6 418	2 722	27		2 848	864
CZ	17 507	11 528	3 760	44		2 175	1 147
DK	13 012	9 868		3 135		9	
DE	125 001	75 176	20 208	20 622		8 995	4 854
EE	2 288	2 251		32		5	
IE	6 443	5 171		746		526	292
EL	13 566	9 682		749		3 135	699
ES	81 074	43 659	7 365	11 736		18 314	5 347
FR	115 469	25 672	63 260	1 412		25 125	4 303
IT	89 137	65 492		1 902	671	21 072	4 017
CY	1 134	1 134					
LV	2 150	588		26		1 536	
LT	4 562	2 471	1 183	31		877	760
LU	1 638	463		35		1 140	1 100
HU	8 620	6 672	1 866	33		49	
MT	571	571					
NL	22 853	20 748	510	1 558		37	
AT	19 166	6 344		969		11 853	3 580
PL	32 360	29 857		172		2 331	1 406
PT	14 456	7 685		1 681	25	5 065	1 048
RO	19 224	12 234	707	1		6 282	
SI	3 039	1 364	666			1 009	
SK	8 210	3 051	2 640	5		2 514	916
FI	16 557	10 738	2 671	86		3 062	
SE	34 122	7 882	9 454	516		16 270	36
UK	81 732	64 568	10 969	1 955		4 240	2 726
HR	3 879	1 802		17		2 060	256
MK							
TR	40 565	27 420		59	23	13 063	
IS	1 725	140			422	1 163	
NO							
CH	19 086	844	3 220	12		15 010	1 655

## Electricity Production Capacity – EU-27 in GW



## Electricity from Renewable Sources

### GROSS ELECTRICITY CONSUMPTION – 2006 (in %)

	TOTAL SHARE	Hydro(*)	Wind	Biomass	Solar	Geothermal	2010 OBJECTIVE
EU-27	14.6	9.2	2.5	2.7	0.074	0.2	21.0
EU-25	14.3	8.8	2.5	2.8	0.076	0.2	21.0
BE	3.9	0.4	0.4	3.1	0.002		6.0
BG	11.2	11.1	0.1				11.0
CZ	4.9	3.6	0.1	1.3	0.001		8.0
DK	25.9	0.1	15.7	10.1	0.005		29.0
DE	12.0	3.2	5.0	3.4	0.358		12.5
EE	1.4	0.1	0.8	0.4			5.1
IE	8.5	2.5	5.5	0.4			13.2
EL	12.1	9.3	2.6	0.2	0.002		20.1
ES	17.7	8.7	7.9	1.0	0.042		29.4
FR	12.5	11.1	0.4	1.0	0.002		21.0
IT	14.5	10.3	0.8	1.8	0.010	1.5	25.0
CY	0.0				0.021		6.0
LV	37.7	36.5	0.6	0.6			49.3
LT	3.6	3.3	0.1	0.2			7.0
LU	3.4	1.3	0.7	1.1	0.266		5.7
HU	3.7	0.4	0.1	3.2			3.6
MT							5.0
NL	7.9	0.1	2.3	5.5	0.029		9.0
AT	56.6	49.6	2.4	4.5	0.021		78.1
PL	2.9	1.4	0.2	1.3			7.5
PT	29.4	20.2	5.4	3.7	0.009	0.2	39.0
RO	31.4	31.4	0.0	0.0			33.0
SI	24.4	23.7		0.7			33.6
SK	16.6	15.1	0.0	1.5			31.0
FI	24.0	12.3	0.2	11.6	0.003		31.5
SE	48.2	41.3	0.7	6.2			60.0
UK	4.6	1.1	1.0	2.5	0.002		10.0
HR	33.4	33.2	0.1	0.1			
MK							
TR	25.5	25.3	0.1	0.0		0.1	
IS	100.0	73.4		0.0		26.5	
NO	98.3	97.4	0.5	0.4			
CH	49.5	46.4	0.0	3.1	0.034		

**Notes:** Total Share = a / (b+c)

a = Gross Electricity Generation from RES

b = Total Gross Electricity Generation

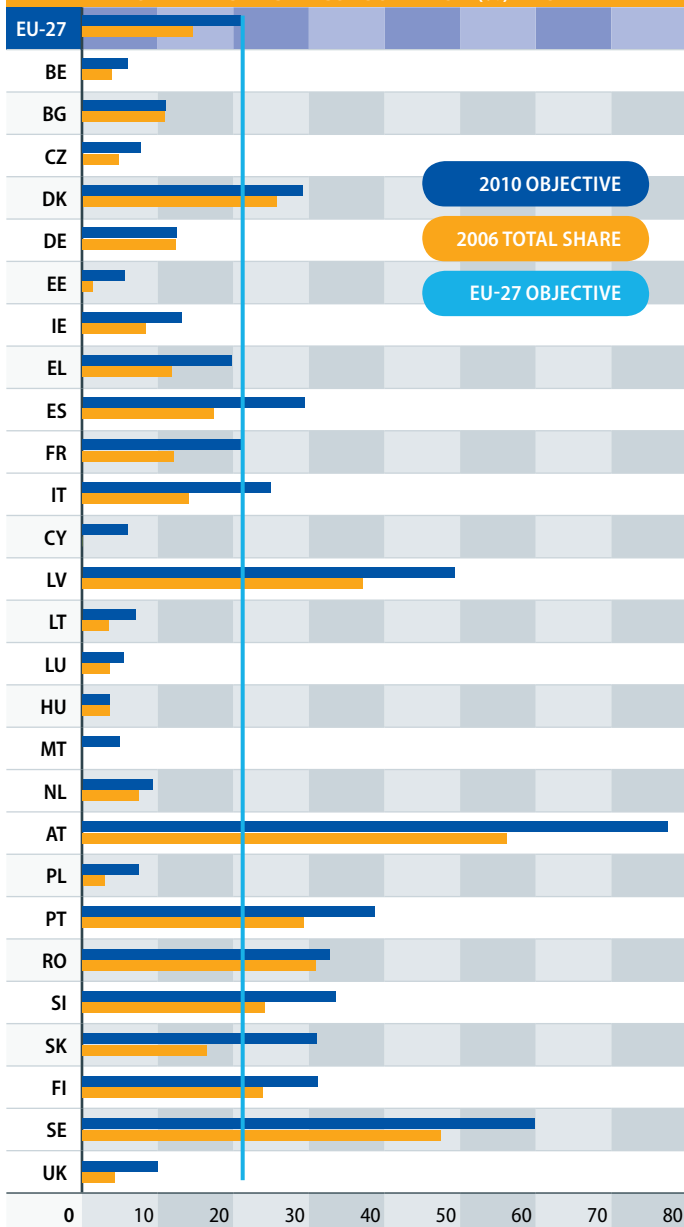
c = Net Imports Electricity

(\*) Does not include pumped storage.

## Electricity from Renewable Sources

### GRAPH

SHARE OF ELECTRICITY FROM RENEWABLE ENERGY SOURCES  
IN TOTAL ELECTRICITY CONSUMPTION (%) – EU-27



## Gross Electricity Generation 2006 (in TWh)

	TOTAL	CONVENTIONAL THERMAL	Coal	Oil	Gas	Other Power Stations	Nuclear	Pumped Storage	Renewables (*)
EU-27	3 354	1 839	960	132	707	40	990	36	489
Share	100.0%		28.6%	3.9%	21.1%	1.2%	29.5%	1.1%	14.6%
EU-25	3 245	1 779	916	130	693	40	965	35	467
Share	100.0%		28.2%	4.0%	21.4%	1.2%	29.7%	1.1%	14.4%
BE	85.5	33.9	6.8	1.4	25.4	0.3	46.6	1.3	3.7
BG	45.8	21.8	19.1	0.4	2.3	0.0	19.5	0.3	4.3
CZ	84.4	54.1	49.6	0.3	4.2	0.0	26.0	0.7	3.5
DK	45.7	35.7	24.6	1.6	9.4				10.1
DE	636.6	387.8	267.0	9.5	77.6	33.8	167.3	7.4	74.1
EE	9.7	9.6	8.8	0.0	0.8				0.1
IE	27.5	24.6	8.0	2.7	13.9	0.0		0.4	2.5
EL	60.8	52.5	32.3	9.6	10.6	0.0		0.4	7.9
ES	299.5	183.0	66.7	23.8	91.8	0.7	60.1	3.9	52.4
FR	574.6	55.3	22.9	7.1	25.3		450.2	5.3	63.8
IT	314.1	255.6	44.2	45.9	164.3	1.2		6.4	52.1
CY	4.7	4.7		4.7					0.0
LV	4.9	2.1		0.0	2.1				2.8
LT	12.5	3.0	0.0	0.3	2.5	0.2	8.7	0.4	0.4
LU	4.3	3.2			3.2			0.8	0.3
HU	35.9	20.8	7.0	0.5	13.3	0.0	13.5		1.6
MT	2.3	2.3		2.3					
NL	98.4	85.4	23.7	2.1	59.4	0.1	3.5		9.5
AT	63.5	20.9	7.0	1.6	12.0	0.3		2.8	39.8
PL	161.7	156.5	148.6	2.4	5.0	0.4		1.0	4.3
PT	49.0	32.6	15.0	5.2	12.3	0.0		0.5	16.0
RO	62.7	38.7	25.1	1.6	12.0		5.6		18.4
SI	15.1	5.9	5.4	0.1	0.4	0.0	5.5		3.7
SK	31.4	8.4	5.3	0.7	2.3	0.0	18.0	0.2	4.8
FI	82.3	36.9	23.0	0.5	13.0	0.5	22.9		22.5
SE	143.3	4.4	0.9	1.7	1.2	0.6	67.0	0.0	71.9
UK	397.9	299.8	149.3	5.7	143.0	1.7	75.5	3.9	18.8
HR	12.4	6.3	2.3	2.0	2.1			0.1	6.0
MK									
TR	176.3	131.8	45.6	4.3	81.7	0.1			44.5
IS	9.9	0.0		0.0					9.9
NO	121.7	0.8	0.0	0.0	0.5	0.2		0.4	120.5
CH	64.0	1.3		0.2	0.8	0.3	27.8	1.9	33.0

Notes: (\*) Not including generation from hydro pumped storage, but including electricity generation to pump water to storage. Municipal Solid Waste, Wood waste, Biogas included.

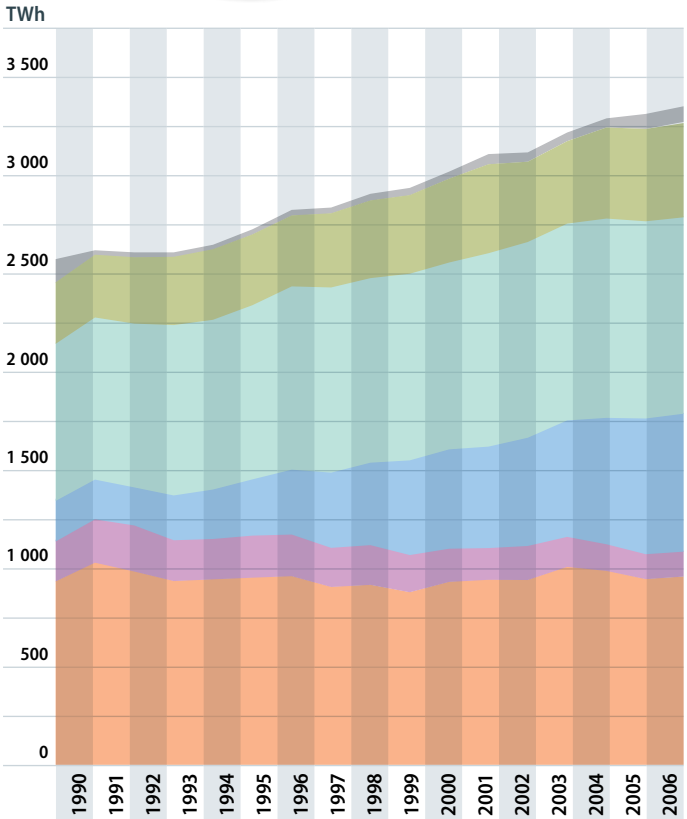
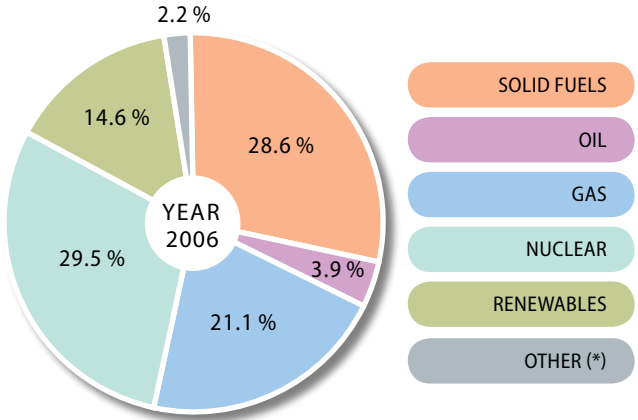
## Gross Electricity Generation FROM RENEWABLES, 2006 (in GWh)

	RENEWABLES	Hydro (*)	Wind	Biomass	Solar (**)	Geothermal
<b>EU-27</b>	489 210	308 996	82 276	89 841	2 485	5 612
<b>Share</b>	100.0%	63.2%	16.8%	18.4%	0.5%	1.1%
<b>EU-25</b>	466 591	286 402	82 255	89 837	2 485	5 612
<b>Share</b>	100.0%	61.4%	17.6%	19.3%	0.5%	1.2%
BE	3 726	359	363	3 002	2	
BG	4 258	4 238	20			
CZ	3 526	2 550	49	926	1	
DK	10 056	23	6 108	3 923	2	
DE	74 126	19 931	30 710	21 265	2 220	
EE	128	13	76	39		
IE	2 474	724	1 622	128		
EL	7 862	6 048	1 699	114	1	
ES	52 362	25 890	23 297	3 050	125	
FR	63 789	56 659	2 189	4 929	12	
IT	52 092	36 994	2 971	6 565	35	5 527
CY	1				1	
LV	2 786	2 698	46	42		
LT	436	397	14	25		
LU	272	103	58	90	21	
HU	1 587	186	43	1 358		
MT						
NL	9 512	106	2 733	6 638	35	
AT	39 800	34 878	1 722	3 185	15	
PL	4 309	2 042	256	2 011		
PT	16 015	11 002	2 925	1 998	5	85
RO	18 361	18 356	1	4		
SI	3 701	3 591		110		
SK	4 827	4 399	6	422		
FI	22 513	11 494	156	10 860	3	
SE	71 920	61 722	987	9 211		
UK	18 771	4 593	4 225	9 946	7	
HR	6 030	6 000	19	11		
MK						
TR	44 523	44 244	127	58		94
IS	9 926	7 293		2		2 631
NO	120 524	119 405	673	446		
CH	33 043	30 959	15	2 046	23	

**Notes:** (\*) Not including generation from hydro pumped storage, but including electricity generation to pump water to storage.

(\*\*) Photovoltaic Thermal.

## GROSS ELECTRICITY GENERATION – EU-27 (in TWh)



Notes: (\*) Pumped Storage Plants and Other Power Stations.

## 2.5

## 2.5.1

## Automotive Diesel Oil Prices (ALL TAXES INCLUDED)

### CURRENT PRICES IN EURO PER LITRE

	2000	2001	2002	2003	2004	2005	2006	2007
<b>EU-27</b>		0.804	0.754	0.794	0.766	0.926	1.071	1.030
<b>EU-25</b>		0.816	0.768	0.810	0.782	0.948	1.094	1.052
BE	0.730	0.735	0.721	0.737	0.731	0.854	1.029	0.927
BG								
CZ						0.815	0.970	0.980
DK	0.822	0.821	0.796	0.858	0.823	0.909	1.075	0.987
DE	0.759	0.820	0.813	0.904	0.876	0.970	1.094	1.047
EE						0.697	0.860	0.811
IE	0.771	0.940	0.742	0.787	0.796	0.949	1.078	1.032
EL	0.619	0.641	0.597	0.657	0.642	0.774	0.919	0.916
ES	0.621	0.725	0.673	0.723	0.701	0.808	0.930	0.891
FR	0.805	0.805	0.745	0.818	0.791	0.914	1.054	1.011
IT	0.836	0.902	0.836	0.895	0.876	1.004	1.157	1.098
CY						0.722	0.869	0.831
LV						0.702	0.855	0.865
LT						0.715	0.878	0.813
LU	0.632	0.645	0.620	0.652	0.622	0.724	0.881	0.847
HU						0.937	1.020	0.970
MT						0.831	0.943	0.906
NL	0.782	0.825	0.770	0.803	0.826	0.909	1.043	1.007
AT	0.733	0.771	0.695	0.748	0.727	0.836	1.052	0.935
PL						0.830	0.965	0.917
PT	0.549	0.648	0.648	0.700	0.700	0.834	1.196	1.019
RO								
SI						0.816	0.914	0.924
SK						0.874	1.039	1.034
FI	0.768	0.870	0.783	0.818	0.776	0.876	0.997	0.960
SE	0.810	0.857	0.801	0.860	0.849	0.976	1.133	1.062
UK	1.258	1.286	1.211	1.163	1.126	1.201	1.358	1.380
HR								
MK								
TR								
IS								
NO	1.193		1.030	1.143				
CH								

**Notes:** Methodology for the calculation: see part 2.1.4.



## Unleaded Petrol (95 RON) Prices (ALL TAXES INCLUDED)

### CURRENT PRICES IN EURO PER LITRE

	2000	2001	2002	2003	2004	2005	2006	2007
<b>EU-27</b>						1.010	1.167	1.126
<b>EU-25</b>						1.034	1.192	1.150
BE	0.957	1.004	0.946	0.983	0.992	1.069	1.305	1.201
BG								
CZ						0.809	0.980	0.977
DK	1.001	1.065	1.040	1.107	1.071	1.098	1.267	1.173
DE	0.956	0.972	0.989	1.110	1.077	1.111	1.262	1.205
EE						0.674	0.842	0.782
IE	0.815	0.955	0.802	0.869	0.870	0.941	1.076	1.034
EL	0.672	0.725	0.692	0.753	0.738	0.767	0.941	0.912
ES	0.749	0.788	0.768	0.832	0.805	0.844	1.001	0.950
FR	1.039	1.003	0.959	1.046	0.997	1.038	1.220	1.169
IT	0.999	1.038	0.996	1.070	1.048	1.088	1.260	1.208
CY						0.757	0.894	0.861
LV						0.717	0.855	0.844
LT						0.708	0.890	0.796
LU	0.741	0.781	0.736	0.788	0.826	0.902	1.066	1.009
HU						0.958	1.053	0.999
MT						0.868	1.085	0.992
NL	1.057	1.140	1.102	1.159	1.188	1.248	1.407	1.342
AT	0.868	0.871	0.821	0.899	0.858	0.910	1.052	0.989
PL						0.875	0.970	0.943
PT	0.803	0.913	0.858	0.950	0.950	0.996	1.196	1.239
RO								
SI						0.820	0.919	0.974
SK						0.857	1.043	1.017
FI	1.062	1.086	1.004	1.084	1.052	1.143	1.232	1.169
SE	1.004	1.036	0.954	1.022	1.019	1.103	1.207	1.139
UK	1.219	1.212	1.134	1.141	1.101	1.130	1.298	1.313
HR								
MK								
TR								
IS								
NO	1.205		1.105	1.249				
CH								

Notes: Methodology for the calculation: see part 2.1.4.

## Electricity Prices for Industry (EXCISE TAXES INCLUDED)

### CURRENT PRICES IN EURO PER 100 kWh

	2000	2001	2002	2003	2004	2005	2006	2007
<b>EU-27</b>						6.43	7.32	7.81
<b>EU-25</b>					5.96	6.45	7.37	7.87
BE	5.53	5.72	5.84	5.87	5.96	5.91	7.73	7.85
BG					3.78	3.83	4.14	4.19
CZ	4.11	3.93	4.30	4.16	4.00	4.95	5.71	6.75
DK								
DE					7.40	7.99	8.97	9.79
EE			3.49	4.14	4.14	3.91	3.78	4.02
IE			6.21			7.98	9.14	10.80
EL						5.41	5.60	5.85
ES						6.08	6.39	7.19
FR							5.00	5.08
IT	7.21	8.48	8.32	9.02	8.36	9.65	10.90	11.66
CY	8.22	9.90	8.37	9.08	7.79	7.48	10.74	10.08
LV					3.59	3.28	3.28	3.56
LT				4.81	4.81	4.83	4.82	5.36
LU								
HU	3.93	4.01	4.57	4.63	4.76	5.10	5.84	6.70
MT	5.86	5.93	6.06	5.53	5.39	5.68	5.72	5.87
NL						5.94	6.31	7.07
AT					6.17	6.74	7.20	8.26
PL		4.15	5.16	4.95	4.37	5.02	5.33	5.38
PT						6.38	7.30	7.68
RO				3.58	4.42	6.73	6.43	6.67
SI	5.09	5.09	5.39	4.72	5.24	5.31	5.60	6.80
SK					6.58	6.61	7.20	8.52
FI	3.80	3.77	4.08	5.65	5.54	5.42	5.31	5.27
SE	2.83	2.43	2.62	6.20	4.45	3.88	5.17	5.53
UK	5.76	5.32	5.24	4.60	4.01	4.47	7.15	7.72
HR						3.71	3.93	3.93
MK								
TR								
IS								
NO	2.47	2.39	3.14	4.06	3.88	4.99	5.11	5.82
CH								

Notes: Methodology for the calculation: see part 2.1.4.

## Residual Fuel Oil Prices for Industry (EXCISE TAXES INCLUDED)

### CURRENT PRICES IN EURO PER TONNE

	2000	2001	2002	2003	2004	2005	2006	2007
<b>EU-27</b>						235.0	352.5	294.3
<b>EU-25</b>						243.3	365.3	304.9
BE	142.2	158.7	141.0	199.6	147.8	166.2	264.4	216.2
BG								
CZ						164.0	262.0	240.7
DK	194.7	224.9	229.9	258.2	480.7	530.5	652.8	575.0
DE	155.0	164.6	169.5	202.5	165.1	169.9	286.0	238.3
EE						113.3		
IE					255.8	259.2	404.2	348.1
EL	209.4	237.2	196.4	250.9	209.5	201.8	336.8	257.6
ES	194.3	244.0	210.6	253.0	200.4	213.4	349.9	286.0
FR	165.1	189.0	190.9	217.8	173.1	193.4	302.8	239.7
IT					218.0	245.9	361.7	275.8
CY								
LV								
LT						224.2		
LU	157.6	180.9	145.4	208.9	176.4	170.6		
HU						213.0	316.5	303.4
MT								
NL	200.1	220.1	202.0	237.0	237.0	223.0	338.0	300.5
AT	165.0	190.8	168.4	233.0	179.0	216.7	337.7	294.7
PL						168.9	263.3	308.5
PT	204.9	293.9	247.0	254.0	224.1	235.3	379.9	329.0
RO								
SI						253.1	362.7	326.0
SK						194.4	245.4	270.5
FI	207.5	222.2	277.4	318.7	261.0	307.9	433.9	361.2
SE	418.9	533.7	469.2	550.9	580.4	623.9	750.8	674.0
UK				243.9	202.5	227.8	400.2	342.0
HR								
MK								
TR								
IS								
NO								
CH								

Notes: Methodology for the calculation: see part 2.1.4.

## Natural Gas Prices for Industry (EXCISE TAXES INCLUDED)

### CURRENT PRICES IN EURO PER GJ (GCV)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>EU-27</b>						5.42	7.37	8.04
<b>EU-25</b>					4.77	5.51	7.47	8.13
BE						4.33	6.47	6.53
BG					3.12	3.26	4.15	4.54
CZ	2.98	3.80	4.51	3.92	4.00	4.87	6.97	6.14
DK	4.29	5.55	4.33	5.18	4.71	5.83	5.90	5.61
DE	4.45	7.06	6.57	6.68	6.46	7.46	9.75	11.11
EE				2.65	2.40	2.41	2.55	3.37
IE			4.51	4.83				
EL								
ES						4.38	6.52	6.88
FR							7.40	6.72
IT					4.97	5.52	6.59	7.78
CY								
LV					3.43	3.32	3.82	5.09
LT				3.99	3.62	3.40	4.10	5.62
LU						4.29	5.66	5.61
HU	2.23	3.39	4.15	4.43	4.54	4.87	7.03	8.37
MT								
NL					4.48	4.95	6.33	6.94
AT		6.62	5.88				9.48	
PL		4.15	5.41	4.09	3.71	4.53	5.54	6.28
PT			4.17	3.97	3.73	4.15	5.72	5.92
RO				2.29	2.82	3.69	5.54	6.63
SI	4.00	6.31	5.58	4.92	4.50	5.51	7.56	7.71
SK					5.16	4.90	7.57	7.77
FI	4.33	5.22	4.90	5.06	4.94	5.12	6.22	6.39
SE								
UK	2.98	3.52	5.09	3.90	3.73	4.38	7.80	9.02
HR								6.89
MK								
TR								
IS								
NO								
CH								

Notes: Methodology for the calculation: see part 2.1.4.

## Electricity Prices for Households (ALL TAXES INCLUDED)

### CURRENT PRICES IN EURO PER 100 kWh

	2000	2001	2002	2003	2004	2005	2006	2007
<b>EU-27</b>						12.67	13.28	14.51
<b>EU-25</b>					12.51	12.80	13.40	14.66
BE	13.20	13.57	13.43	13.24	13.70	13.81	13.78	14.86
BG					5.98	6.80	6.90	6.75
CZ	4.86	5.64	7.08	6.61	6.60	7.23	7.87	8.66
DK	18.40	19.43	20.74	21.72	21.41	21.55	22.31	24.25
DE					15.69	16.55	16.96	18.06
EE			5.48	5.97	5.97	6.58	6.97	7.25
IE						12.85	13.46	15.12
EL						7.80	8.11	8.53
ES						10.07	10.52	11.31
FR				11.30	11.62	11.62	11.62	11.74
IT	18.48	19.73	18.51	19.35	19.01	18.62	20.00	21.97
CY	9.03	10.80	9.17	10.40	10.76	10.61	14.17	13.62
LV					5.82	6.68	6.68	6.88
LT					6.47	7.34	7.34	7.92
LU	10.86	11.33	11.82	12.23	12.52	13.52	14.61	15.52
HU	7.15	7.28	8.30	8.42	10.15	10.89	11.12	12.58
MT	8.16	8.27	8.45	8.46	8.25	9.54	12.01	12.52
NL	14.21	16.98	16.35	17.23	17.95	19.23	20.54	22.30
AT					13.19	13.35	12.78	14.09
PL		8.55	10.55	9.86	8.88	10.43	11.64	11.59
PT						12.28	12.60	13.30
RO						7.10	9.19	9.91
SI	9.07	9.14	9.45	9.18	9.27	9.24	9.40	9.68
SK					9.87	10.45	11.04	12.11
FI	7.48	7.37	7.89	8.36	9.12	8.90	9.10	9.93
SE	9.52	9.69	10.51	12.38	13.41	13.04	13.23	15.57
UK	10.12	9.55	9.83	9.16	8.37	8.80	10.31	13.17
HR						8.21	8.95	8.95
MK								
TR								
IS								
NO	8.10	8.80	10.04	17.55	10.16	11.64	11.81	14.87
CH								

Notes: Methodology for the calculation: see part 2.1.4.

## Heating Gasoil Prices for Households (ALL TAXES INCLUDED)

### CURRENT PRICES IN EURO PER 1 000 LITRES

	2000	2001	2002	2003	2004	2005	2006	2007
<b>EU-27</b>						501.1	653.0	602.1
<b>EU-25</b>						505.3	661.6	610.0
BE	278.4	328.2	273.0	318.8	302.7	372.4	549.4	494.2
BG								
CZ						492.0	610.6	554.3
DK	683.0	699.9	664.9	725.5	719.9	837.8	1 002.4	913.3
DE	327.4	377.4	312.9	401.2	334.4	430.9	587.7	537.0
EE						431.4	541.1	506.5
IE	405.2	502.5	397.5	465.2	443.8	525.7	685.1	630.3
EL	278.2	314.8	302.9	348.2	329.3	415.0	589.0	544.0
ES	359.5	392.9	339.0	428.5	374.2	446.2	584.8	551.6
FR	411.0	407.8	314.1	419.1	393.4	477.6	632.4	572.4
IT	799.5	816.5	816.0	875.0	851.1	952.4	1 102.1	1 045.7
CY						622.8	720.3	743.3
LV						473.5	600.6	588.8
LT						376.5	521.3	469.8
LU	280.1	309.9	260.0	324.0	300.0	377.0	504.0	457.0
HU						937.0	1 019.6	970.2
MT						370.2	556.7	559.0
NL	490.5	590.8	552.0	622.0	608.0	700.0	854.0	820.0
AT	395.3	413.9	371.7	422.4	427.1	492.7	644.8	582.0
PL						430.9	600.8	527.9
PT	334.2	359.1	359.0	465.0	425.0	500.0	649.0	622.0
RO								
SI						487.1	583.7	563.0
SK						428.1	583.5	559.7
FI	347.3	454.1	334.0	397.5	381.6	449.0	621.0	544.0
SE	547.6	671.8	648.4	698.2	777.7	853.4	992.5	976.5
UK	293.7	322.9	251.9	278.0	273.8	372.8	538.7	499.2
HR								
MK								
TR								
IS								
NO	639.3		634.0	753.0				
CH								

Notes: Methodology for the calculation: see part 2.1.4.

## Natural Gas Prices for Households (EXCISE TAXES INCLUDED)

### CURRENT PRICES IN EURO PER GJ (GCV)

	2000	2001	2002	2003	2004	2005	2006	2007
<b>EU-27</b>						14.07	16.16	18.01
<b>EU-25</b>					13.80	14.25	16.33	18.18
BE	15.87	18.49	17.25	17.66	17.48			
BG					6.27	6.84	7.11	8.10
CZ	5.53	6.85	8.67	8.03	8.76	9.81	11.55	11.04
DK	18.14	22.00	17.98	18.98	19.12	28.44	29.82	30.84
DE	14.06	17.16	17.35	17.53	17.82	19.47	21.84	24.17
EE				5.99	5.99	5.99	5.99	6.69
IE	16.20	16.20	16.19	16.33	17.82			
EL	12.38	14.72	15.74	15.58		15.90		
ES	13.50	16.30	15.42	15.40	14.81			
FR	12.38	14.72	15.74	15.58		15.90		
IT					15.89	15.45	18.47	19.20
CY								
LV					4.43	5.59	6.09	8.10
LT					8.07	8.06	8.20	9.11
LU						13.34	15.53	18.31
HU	3.66	3.95	4.79	4.86	5.22	5.60	5.77	7.44
MT	10.39	8.57	9.45	12.71				
NL					12.53	17.25	19.21	20.66
AT						17.14	19.49	19.86
PL		6.83	8.63	8.25	7.44	8.82	10.90	12.58
PT			16.66	16.93	17.21	17.62	20.03	18.63
RO						4.79	7.66	9.05
SI					10.70	11.38	14.27	15.26
SK					8.86	10.29		12.20
FI								
SE	15.70	18.44	19.75	20.24	21.50	23.21	29.28	28.21
UK	10.03	9.56	10.07	9.85	10.07	8.09	9.14	13.11
HR						7.99	8.18	8.18
MK								
TR								
IS								
NO								
CH								

Notes: Methodology for the calculation: see part 2.1.4.

## 2.6.1

## EU-27

	Mtoe	1990	1995	2000	2005	2006
<b>Production</b>		936.05	950.18	941.86	900.33	880.43
Solid fuels		366.48	277.81	213.42	196.28	191.45
Oil		129.55	171.05	173.01	134.29	122.53
Gas		162.45	188.96	207.56	188.68	179.40
Nuclear		202.59	223.03	243.76	257.36	255.34
Renewables		72.71	85.20	99.20	120.07	127.97
Industrial waste		2.28	4.13	4.91	3.66	3.73
<b>Net Imports</b>		756.07	738.60	826.30	986.05	1 010.18
Solid fuels		81.85	79.34	98.64	126.64	133.76
Oil		535.63	512.19	533.04	599.85	608.03
Gas		135.12	145.29	192.53	257.37	266.24
Electricity		3.32	1.51	1.69	0.97	0.30
Renewables		0.14	0.28	0.40	1.22	1.85
Derived heat			0.00	0.00	0.00	0.00
<b>Gross Inland Consumption</b>		1 660.15	1 662.52	1 723.10	1 825.99	1 825.22
Solid fuels		452.94	364.25	321.01	319.92	325.23
Oil		631.05	650.86	658.73	676.86	672.97
Gas		294.90	333.27	393.42	446.00	437.93
Nuclear		202.59	223.03	243.76	257.36	255.34
Renewables		73.07	85.48	99.58	121.22	129.72
Other (****)		5.60	5.64	6.60	4.63	4.03
<b>Elec. Generation (TWh)</b>		2 583.60	2 732.75	3 020.93	3 309.06	3 354.02
Coal (TWh)		927.49	947.41	925.22	941.34	960.45
Oil (TWh)		214.97	224.56	180.40	139.12	131.85
Gas (TWh)		215.89	294.93	512.03	692.71	707.25
Nuclear (TWh)		794.87	881.82	944.99	997.70	989.88
Renewables (TWh) (*)		310.05	356.13	422.31	464.19	489.21
Other (TWh) (***)		120.32	27.90	35.97	74.00	75.39
<b>Final Energy Consumption by fuel/product</b>		1 067.58	1 071.03	1 113.93	1 172.89	1 177.39
Solid fuels		125.03	84.98	61.45	54.49	55.48
Oil		444.45	457.28	479.23	497.93	496.45
Gas		227.90	246.00	265.55	283.52	278.57
Electricity		184.14	193.37	216.40	237.54	243.03
Renewables		37.22	42.67	48.64	55.42	59.68
Derived heat & Industrial waste		48.83	46.74	42.65	43.98	44.19
<b>by sector</b>						
INDUSTRY		365.67	330.00	328.13	325.96	323.34
TRANSPORT		280.27	300.61	339.39	362.37	370.12
HOUSEHOLDS		263.48	280.10	286.61	307.81	304.90
AGRICULTURE		33.18	31.81	29.87	29.88	28.74
SERVICES, ETC.		124.98	128.51	129.94	146.86	150.28
<b>Non-Energy Uses</b>		97.90	110.22	112.15	115.37	112.60
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>		4 566	4 332	4 342	4 543	4 559
<b>Energy intensity (toe/M€ '00)</b>		215	209	188	182	177
<b>Carbon intensity</b>		2.75	2.61	2.52	2.49	2.50
<b>Import dependency, %</b>		44.6	43.5	46.8	52.5	53.8
<b>Energy per capita (kgoe/cap)</b>		3 377	3 477	3 571	3 712	3 695
<b>CO<sub>2</sub> per capita (kg/cap)</b>		9 290	9 060	8 998	9 236	9 230

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.



## Belgium

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	13.11	12.73	15.51	15.45	15.29
<b>Solid fuels</b>	1.08	0.27	0.19	0.06	0.02
Oil				0.01	
Gas	0.01	0.00	0.00		
Nuclear	10.71	10.34	12.42	12.28	12.03
Renewables	0.65	0.64	0.72	1.18	1.33
Industrial waste	0.66	1.49	2.18	1.93	1.91
<b>Net Imports</b>	39.63	46.86	50.81	53.78	53.49
<b>Solid fuels</b>	9.49	9.34	7.57	5.51	4.97
Oil	22.24	26.67	29.49	32.62	32.18
Gas	8.22	10.42	13.28	14.82	15.03
Electricity	-0.32	0.35	0.37	0.54	0.87
Renewables		0.09	0.10	0.28	0.43
Derived heat					
<b>Gross Inland Consumption</b>	48.61	54.94	61.46	61.15	60.41
<b>Solid fuels</b>	10.24	8.55	8.20	5.45	5.16
Oil	18.50	22.88	24.10	24.75	23.67
Gas	8.17	10.61	13.37	14.74	14.99
Nuclear	10.71	10.34	12.42	12.28	12.03
Renewables	0.65	0.72	0.82	1.46	1.77
Other (****)	0.34	1.84	2.55	2.48	2.78
<b>Elec. Generation (TWh)</b>	70.85	74.43	83.89	87.03	85.54
Coal (TWh)	17.10	16.52	12.92	8.20	6.85
Oil (TWh)	1.31	1.31	0.80	1.74	1.38
Gas (TWh)	8.17	12.94	19.09	25.14	25.39
Nuclear (TWh)	42.72	41.36	48.16	47.60	46.65
Renewables (TWh) (*)	0.77	0.95	1.33	2.63	3.73
Other (TWh) (***)	0.78	1.35	1.60	1.72	1.55
<b>Final Energy Consumption</b>	32.07	36.07	39.13	38.44	38.17
<b>by fuel/product</b>					
Solid fuels	3.79	3.31	3.38	2.08	2.03
Oil	14.93	16.43	16.13	16.53	15.54
Gas	7.25	8.52	10.01	10.01	10.47
Electricity	4.99	5.88	6.67	6.89	7.10
Renewables	0.33	0.35	0.41	0.65	0.70
Derived heat & Industrial waste	0.80	1.58	2.53	2.28	2.32
<b>by sector</b>					
INDUSTRY	12.59	13.61	15.76	13.56	14.43
TRANSPORT	7.73	8.51	9.71	9.93	9.63
HOUSEHOLDS	8.36	9.32	9.49	9.94	8.93
AGRICULTURE	0.49	1.10	0.66	0.82	0.72
SERVICES, ETC.	2.90	3.53	3.51	4.20	4.46
<b>Non-Energy Uses</b>	2.75	5.51	6.87	7.50	6.91
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	135	140	144	152	150
<b>Energy intensity (toe/M€ '00)</b>	239	249	244	225	216
<b>Carbon intensity</b>	2.78	2.54	2.35	2.49	2.48
<b>Import dependency, %</b>	75.2	79.6	76.1	78.2	77.9
<b>Energy per capita (kgoe/cap)</b>	4 876	5 420	5 999	5 838	5 730
<b>CO<sub>2</sub> per capita (kg/cap)</b>	13 565	13 764	14 102	14 512	14 236

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Bulgaria

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	9.14	10.19	9.85	10.61	10.97
<b>Solid fuels</b>	5.12	5.29	4.31	4.18	4.31
Oil	0.06	0.04	0.04	0.03	0.03
Gas	0.01	0.04	0.01	0.38	0.37
Nuclear	3.78	4.45	4.69	4.81	5.03
Renewables	0.16	0.37	0.78	1.15	1.17
Industrial waste			0.01	0.06	0.06
<b>Net Imports</b>	17.84	13.48	8.72	9.52	9.55
<b>Solid fuels</b>	3.53	2.42	2.26	2.55	2.46
Oil	8.55	6.52	4.12	5.19	5.18
Gas	5.43	4.56	2.74	2.46	2.61
Electricity	0.33	-0.01	-0.40	-0.65	-0.67
Renewables		-0.01	0.00	-0.03	-0.03
Derived heat					
<b>Gross Inland Consumption</b>	27.98	23.31	18.65	19.98	20.55
<b>Solid fuels</b>	8.71	7.67	6.42	6.89	6.97
Oil	9.61	6.25	4.22	4.95	5.12
Gas	5.40	4.58	2.93	2.80	2.90
Nuclear	3.78	4.45	4.69	4.81	5.03
Renewables	0.16	0.36	0.78	1.12	1.14
Other (****)	0.33	-0.01	-0.39	-0.59	-0.61
<b>Elec. Generation (TWh)</b>	42.14	41.79	40.92	44.37	45.84
Coal (TWh)	14.93	17.32	16.94	18.46	19.08
Oil (TWh)	1.97	1.44	0.66	0.61	0.38
Gas (TWh)	8.70	3.45	2.18	1.90	2.28
Nuclear (TWh)	14.67	17.26	18.18	18.65	19.49
Renewables (TWh) (*)	1.88	1.75	2.69	4.34	4.26
Other (TWh) (**)		0.57	0.28	0.41	0.35
<b>Final Energy Consumption by fuel/product</b>	16.10	11.41	8.60	9.56	10.03
<b>Solid fuels</b>	1.48	1.28	0.86	0.95	0.96
Oil	4.98	2.90	3.00	3.64	3.86
Gas	2.07	1.79	1.23	1.03	1.17
Electricity	3.03	2.47	2.07	2.21	2.31
Renewables		0.18	0.55	0.75	0.77
Derived heat & Industrial waste	4.54	2.80	0.88	0.99	0.95
<b>by sector</b>					
INDUSTRY	8.97	6.03	3.65	3.72	3.83
TRANSPORT	2.52	1.98	1.82	2.57	2.77
HOUSEHOLDS	2.23	2.26	2.16	2.15	2.18
AGRICULTURE	0.78	0.38	0.31	0.30	0.30
SERVICES, ETC.	1.60	0.76	0.65	0.83	0.94
<b>Non-Energy Uses</b>	1.43	1.24	1.26	1.07	0.97
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	88	68	51	55	56
<b>Energy intensity (toe/M€ '00)</b>	1 984	1 632	1 361	1 127	1 090
<b>Carbon intensity</b>	3.15	2.91	2.73	2.74	2.72
<b>Import dependency, %</b>	63.6	57.2	46.6	47.4	46.2
<b>Energy per capita (kgoe/cap)</b>	3209	2 773	2 288	2 589	2 669
<b>CO<sub>2</sub> per capita (kg/cap)</b>	10 098	8 065	6 253	7 106	7 259

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Czech Republic

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	40.09	32.22	29.91	32.84	33.38
<b>Solid fuels</b>	36.32	27.95	25.05	23.57	23.72
Oil	0.22	0.30	0.46	0.60	0.48
Gas	0.20	0.20	0.17	0.15	0.15
Nuclear	3.25	3.15	3.51	6.38	6.72
Renewables	0.10	0.60	0.60	2.01	2.20
Industrial waste		0.03	0.13	0.13	0.12
<b>Net Imports</b>	7.68	8.72	9.44	12.89	12.93
<b>Solid fuels</b>	-5.69	-5.76	-4.77	-3.18	-3.37
Oil	8.65	8.02	7.59	9.81	9.70
Gas	4.79	6.42	7.48	7.53	7.91
<b>Electricity</b>	-0.06	0.04	-0.86	-1.09	-1.09
<b>Renewables</b>				-0.19	-0.23
<b>Derived heat</b>			0.00	0.00	
<b>Gross Inland Consumption</b>	48.99	41.60	40.51	45.32	46.24
<b>Solid fuels</b>	31.43	23.06	21.60	20.30	20.90
Oil	9.03	8.17	8.04	10.07	10.04
Gas	5.25	6.55	7.50	7.70	7.58
Nuclear	3.25	3.15	3.51	6.38	6.72
Renewables	0.10	0.60	0.60	1.82	1.97
Other (****)	-0.06	0.06	-0.73	-0.96	-0.97
<b>Elec. Generation (TWh)</b>	62.56	60.85	73.47	82.58	84.36
<b>Coal (TWh)</b>	47.02	44.33	52.56	49.52	49.65
<b>Oil (TWh)</b>	0.54	0.59	0.37	0.33	0.26
<b>Gas (TWh)</b>	0.97	1.00	3.91	4.22	4.17
<b>Nuclear (TWh)</b>	12.59	12.23	13.59	24.73	26.05
<b>Renewables (TWh) (*)</b>	1.16	2.41	2.28	3.14	3.53
<b>Other (TWh) (***)</b>	0.29	0.29	0.76	0.65	0.71
<b>Final Energy Consumption</b>	32.22	25.07	23.64	25.85	26.25
<b>by fuel/product</b>					
<b>Solid fuels</b>	13.72	5.80	4.78	3.64	3.96
<b>Oil</b>	6.26	5.05	5.41	6.94	6.89
<b>Gas</b>	5.15	6.12	6.42	6.58	6.63
<b>Electricity</b>	4.14	4.13	4.24	4.75	4.90
<b>Renewables</b>		0.31	0.15	1.34	1.45
<b>Derived heat &amp; Industrial waste</b>	2.96	3.66	2.63	2.59	2.42
<b>by sector</b>					
<b>INDUSTRY</b>	16.26	12.34	9.80	9.59	9.48
<b>TRANSPORT</b>	2.81	2.86	4.38	6.16	6.32
<b>HOUSEHOLDS</b>	7.85	5.43	5.30	6.02	6.51
<b>AGRICULTURE</b>	1.55	1.23	0.66	0.55	0.56
<b>SERVICES, ETC.</b>	3.76	3.21	3.50	3.52	3.39
<b>Non-Energy Uses</b>	1.71	2.38	2.09	2.94	3.09
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	164	132	127	127	129
<b>Energy intensity (toe/M€ '00)</b>	817	728	659	613	586
<b>Carbon intensity</b>	3.36	3.16	3.14	2.80	2.79
<b>Import dependency, %</b>	15.7	21.0	23.3	28.4	28.0
<b>Energy per capita (kgoe/cap)</b>	4 728	4 027	3 943	4 428	4 504
<b>CO<sub>2</sub> per capita (kg/cap)</b>	15 872	12 735	12 395	12 407	12 563

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Denmark

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	10.06	15.59	27.67	31.28	29.52
<b>Solid fuels</b>					
Oil	6.09	9.36	18.19	18.94	17.24
Gas	2.77	4.70	7.41	9.38	9.32
<b>Nuclear</b>					
<b>Renewables</b>	1.20	1.53	2.06	2.95	2.96
<b>Industrial waste</b>					
<b>Net Imports</b>	8.62	7.55	-7.26	-10.43	-8.08
<b>Solid fuels</b>	6.22	7.66	3.78	3.54	5.13
Oil	2.73	1.44	-8.28	-9.39	-8.23
Gas	-0.93	-1.50	-2.88	-5.01	-4.69
<b>Electricity</b>	0.61	-0.07	0.06	0.12	-0.60
<b>Renewables</b>		0.01	0.06	0.31	0.30
<b>Derived heat</b>	0.00	0.00	0.00	0.00	0.00
<b>Gross Inland Consumption</b>	17.89	20.28	19.52	19.70	20.91
<b>Solid fuels</b>	6.09	6.50	3.99	3.75	5.48
Oil	8.18	9.14	8.90	8.17	8.23
Gas	1.82	3.17	4.45	4.40	4.54
<b>Nuclear</b>					
<b>Renewables</b>	1.20	1.54	2.12	3.26	3.26
<b>Other (****)</b>	0.61	-0.07	0.06	0.12	-0.60
<b>Elec. Generation (TWh)</b>	25.82	36.66	36.05	36.36	45.72
Coal (TWh)	23.32	27.26	16.67	15.46	24.63
Oil (TWh)	1.06	3.61	4.44	1.37	1.61
Gas (TWh)	0.66	3.64	8.78	8.81	9.42
<b>Nuclear (TWh)</b>					
<b>Renewables (TWh) (*)</b>	0.78	2.09	6.03	10.62	10.06
<b>Other (TWh) (***)</b>		0.05	0.14	0.09	
<b>Final Energy Consumption by fuel/product</b>	13.52	14.75	14.64	15.46	15.63
<b>Solid fuels</b>	0.40	0.41	0.29	0.25	0.26
Oil	7.13	7.16	6.98	7.23	7.29
Gas	1.16	1.69	1.67	1.70	1.70
<b>Electricity</b>	2.52	2.66	2.79	2.88	2.93
<b>Renewables</b>	0.57	0.60	0.66	0.95	1.00
<b>Derived heat &amp; Industrial waste</b>	1.76	2.24	2.25	2.44	2.44
<b>by sector</b>					
INDUSTRY	2.72	3.03	2.94	2.87	2.92
TRANSPORT	4.02	4.46	4.73	5.27	5.34
HOUSEHOLDS	3.95	4.47	4.16	4.46	4.42
AGRICULTURE	1.10	0.94	0.97	0.86	0.90
SERVICES, ETC.	1.73	1.84	1.84	2.00	2.04
<b>Non-Energy Uses</b>	0.30	0.30	0.30	0.29	0.29
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	58	67	60	56	64
<b>Energy intensity (toe/M€ '00)</b>	133	134	112	107	109
<b>Carbon intensity</b>	3.22	3.33	3.06	2.82	3.04
<b>Import dependency, %</b>	45.8	34.5	-34.8	-50.8	-36.8
<b>Energy per capita (kgoe/cap)</b>	3 481	3 878	3 657	3 636	3 846
<b>CO<sub>2</sub> per capita (kg/cap)</b>	11 194	12 897	11 183	10 245	11 692

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Germany

	Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	186.68	141.98	133.33	136.02	137.24	
<b>Solid fuels</b>	125.13	78.83	59.60	56.49	53.31	
Oil	4.03	3.31	3.53	5.75	5.54	
Gas	13.53	15.10	15.80	14.22	14.05	
Nuclear	37.67	37.32	43.75	42.06	43.15	
Renewables	5.83	6.52	9.63	17.49	21.17	
Industrial waste	0.49	0.90	1.03	0.00	0.02	
<b>Net Imports</b>	166.52	196.27	205.68	215.28	215.55	
<b>Solid fuels</b>	3.18	10.96	21.60	26.81	29.11	
Oil	121.53	131.99	126.95	123.13	121.52	
Gas	41.75	52.90	56.87	65.73	66.43	
<b>Electricity</b>	0.07	0.41	0.26	-0.39	-1.46	
<b>Renewables</b>					-0.06	
<b>Derived heat</b>	0.00					
<b>Gross Inland Consumption</b>	356.27	339.45	341.17	347.15	349.03	
<b>Solid fuels</b>	131.52	92.17	83.73	82.80	82.24	
Oil	125.71	134.83	130.92	124.32	124.48	
Gas	54.98	67.30	71.85	80.86	79.50	
Nuclear	37.67	37.32	43.75	42.06	43.15	
Renewables	5.83	6.52	9.63	17.49	21.11	
Other (****)	0.56	1.32	1.29	-0.39	-1.44	
<b>Elec. Generation (TWh)</b>	549.94	536.24	571.55	620.30	636.60	
<b>Coal (TWh)</b>	220.50	289.70	291.50	269.61	266.97	
<b>Oil (TWh)</b>	10.85	8.98	4.79	10.58	9.55	
<b>Gas (TWh)</b>	45.40	50.39	59.97	76.61	77.55	
<b>Nuclear (TWh)</b>	152.47	154.09	169.61	163.06	167.27	
<b>Renewables (TWh) (*)</b>	20.60	25.25	38.79	64.66	74.13	
<b>Other (TWh) (***)</b>	100.13	7.83	6.91	35.78	41.14	
<b>Final Energy Consumption</b>	227.20	222.80	218.10	218.37	223.06	
<b>by fuel/product</b>						
<b>Solid fuels</b>	37.14	14.92	10.95	9.83	9.79	
<b>Oil</b>	96.80	104.90	98.46	88.71	89.74	
<b>Gas</b>	42.72	52.59	56.06	59.82	60.47	
<b>Electricity</b>	38.39	38.91	41.50	44.50	45.40	
<b>Renewables</b>	2.99	2.73	4.80	8.09	10.23	
<b>Derived heat &amp; Industrial waste</b>	9.15	8.74	6.32	7.43	7.43	
<b>by sector</b>						
<b>INDUSTRY</b>	71.46	62.00	57.90	55.67	55.65	
<b>TRANSPORT</b>	58.63	63.08	66.19	62.15	63.31	
<b>HOUSEHOLDS</b>	58.42	63.15	62.14	67.73	69.12	
<b>AGRICULTURE</b>	3.04	2.68	2.74	2.57	2.62	
<b>SERVICES, ETC.</b>	35.65	31.89	29.14	30.25	32.36	
<b>Non-Energy Uses</b>	23.47	23.32	25.46	24.97	25.15	
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	1 052	941	908	906	910	
<b>Energy intensity (toe/M€ '00)</b>	205	182	165	163	160	
<b>Carbon intensity</b>	2.95	2.77	2.66	2.61	2.61	
<b>Import dependency, %</b>	46.4	57.5	59.9	61.6	61.3	
<b>Energy per capita (kgoe/cap)</b>	4 489	4 157	4 151	4 210	4 237	
<b>CO<sub>2</sub> per capita (kg/cap)</b>	13 251	11 524	11 047	10 983	11 048	

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Estonia

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	5.50	3.35	3.19	4.21	3.86
Solid fuels	5.05	2.87	2.67	3.18	3.10
Oil			0.00	0.35	0.14
Gas					
Nuclear					
Renewables	0.45	0.49	0.51	0.68	0.62
Industrial waste					
<b>Net Imports</b>	4.47	2.00	1.59	1.47	1.88
Solid fuels	0.70	0.29	0.27	0.03	0.00
Oil	3.15	1.19	0.74	0.87	1.25
Gas	1.22	0.58	0.66	0.80	0.81
Electricity	-0.60	-0.07	-0.08	-0.14	-0.06
Renewables			0.00	-0.09	-0.10
Derived heat					
<b>Gross Inland Consumption</b>	9.92	5.35	4.70	5.56	5.42
Solid fuels	5.97	3.31	2.97	3.19	3.04
Oil	2.87	1.04	0.63	1.12	1.10
Gas	1.22	0.58	0.66	0.80	0.81
Nuclear					
Renewables	0.46	0.48	0.51	0.59	0.53
Other (****)	-0.60	-0.07	-0.08	-0.14	-0.06
<b>Elec. Generation (TWh)</b>	17.18	8.69	8.51	10.21	9.73
Coal (TWh)	14.92	8.38	7.68	9.30	8.79
Oil (TWh)	1.44	0.10	0.06	0.03	0.03
Gas (TWh)	0.82	0.20	0.76	0.76	0.78
Nuclear (TWh)					
Renewables (TWh) (*)		0.01	0.02	0.10	0.13
Other (TWh) (***)				0.01	
<b>Final Energy Consumption by fuel/product</b>	6.02	2.50	2.36	2.78	2.77
Solid fuels	0.70	0.19	0.12	0.10	0.09
Oil	1.81	0.86	0.75	0.97	0.96
Gas	0.44	0.20	0.13	0.21	0.22
Electricity	0.59	0.39	0.43	0.52	0.56
Renewables	0.40	0.27	0.42	0.45	0.40
Derived heat & Industrial waste	2.09	0.59	0.51	0.55	0.54
<b>by sector</b>					
INDUSTRY	2.73	0.79	0.53	0.65	0.62
TRANSPORT	0.84	0.49	0.58	0.77	0.80
HOUSEHOLDS	1.28	0.97	0.93	0.89	0.88
AGRICULTURE	0.71	0.08	0.06	0.10	0.09
SERVICES, ETC.	0.46	0.17	0.27	0.38	0.39
<b>Non-Energy Uses</b>	0.17	0.23	0.22	0.23	0.23
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	37	18	16	17	17
<b>Energy intensity (toe/M€ '00)</b>		1 175	769	624	551
<b>Carbon intensity</b>	3.73	3.38	3.34	3.06	3.09
<b>Import dependency, %</b>	44.3	36.7	33.2	25.9	33.5
<b>Energy per capita (kgoe/cap)</b>	6 249	3 692	3 423	4 125	4 031
<b>CO<sub>2</sub> per capita (kg/cap)</b>	23 329	12 483	11 419	12 622	12 447

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Ireland

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	3.35	4.01	2.15	1.62	1.60
<b>Solid fuels</b>	1.31	1.61	0.96	0.79	0.77
Oil					
Gas	1.87	2.25	0.96	0.46	0.41
Nuclear					
Renewables	0.17	0.15	0.24	0.37	0.42
Industrial waste					
<b>Net Imports</b>	7.09	7.63	12.27	13.66	14.22
<b>Solid fuels</b>	2.06	1.82	1.79	1.97	1.71
Oil	5.03	5.72	7.99	8.50	8.75
Gas		0.08	2.48	3.01	3.60
Electricity		0.00	0.01	0.18	0.15
Renewables					
Derived heat					
<b>Gross Inland Consumption</b>	10.25	10.86	14.33	15.12	15.52
<b>Solid fuels</b>	3.42	2.78	2.71	2.69	2.43
Oil	4.79	5.60	7.94	8.43	8.50
Gas	1.87	2.33	3.44	3.47	4.01
Nuclear					
Renewables	0.17	0.15	0.24	0.37	0.42
Other (****)		0.00	0.01	0.18	0.15
<b>Elec. Generation (TWh)</b>	14.52	17.88	24.00	25.36	27.48
Coal (TWh)	8.16	9.04	8.59	8.84	8.02
Oil (TWh)	1.43	2.70	4.66	3.34	2.71
Gas (TWh)	3.94	5.16	9.26	10.96	13.91
Nuclear (TWh)					
Renewables (TWh) (*)	0.70	0.73	1.19	1.87	2.47
Other (TWh) (***)	0.29	0.26	0.30	0.34	0.37
<b>Final Energy Consumption</b>	7.37	7.91	10.68	12.34	13.04
<b>by fuel/product</b>					
Solid fuels	1.78	0.93	0.70	0.70	0.66
Oil	3.89	4.81	6.92	8.02	8.43
Gas	0.57	0.80	1.20	1.34	1.53
Electricity	1.02	1.28	1.74	2.09	2.23
Renewables	0.11	0.09	0.12	0.18	0.19
Derived heat & Industrial waste					
<b>by sector</b>					
INDUSTRY	1.75	1.85	2.35	2.48	2.75
TRANSPORT	1.99	2.35	4.02	5.00	5.37
HOUSEHOLDS	2.41	2.20	2.49	2.90	3.06
AGRICULTURE	0.25	0.34	0.31	0.32	0.25
SERVICES, ETC.	0.98	1.17	1.51	1.65	1.60
<b>Non-Energy Uses</b>	0.62	0.55	0.55	0.31	0.36
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	34	37	47	51	51
<b>Energy intensity (toe/M€ '00)</b>	196	165	137	111	107
<b>Carbon intensity</b>	3.29	3.40	3.29	3.34	3.26
<b>Import dependency, %</b>	69.1	69.5	84.7	89.7	90.9
<b>Energy per capita (kgoe/cap)</b>	2 922	3 016	3 771	3 645	3 648
<b>CO<sub>2</sub> per capita (kg/cap)</b>	9 602	10 261	12 398	12 175	11 889

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Greece

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	9.16	9.74	10.01	10.32	10.06
Solid fuels	7.08	7.91	8.22	8.54	8.14
Oil	0.84	0.46	0.28	0.10	0.09
Gas	0.14	0.04	0.04	0.02	0.03
Nuclear					
Renewables	1.10	1.29	1.40	1.63	1.79
Industrial waste		0.04	0.06	0.02	0.01
<b>Net Imports</b>	15.47	18.27	22.07	23.45	24.85
Solid fuels	0.99	0.92	0.77	0.37	0.22
Oil	14.42	17.27	19.61	20.42	21.54
Gas			1.69	2.33	2.72
Electricity	0.06	0.07	0.00	0.33	0.36
Renewables					0.00
Derived heat					
<b>Gross Inland Consumption</b>	22.34	24.23	28.22	31.35	31.51
Solid fuels	8.09	8.78	9.04	8.95	8.39
Oil	12.94	14.01	16.01	18.06	18.21
Gas	0.14	0.04	1.70	2.35	2.75
Nuclear					
Renewables	1.10	1.29	1.40	1.63	1.80
Other (****)	0.06	0.11	0.06	0.35	0.37
<b>Elec. Generation (TWh)</b>	35.00	41.55	53.84	60.02	60.79
Coal (TWh)	25.17	28.70	34.31	35.54	32.26
Oil (TWh)	7.74	8.86	8.89	9.21	9.60
Gas (TWh)	0.09	0.08	5.92	8.17	10.61
Nuclear (TWh)					
Renewables (TWh) (*)	1.77	3.56	4.14	6.41	7.86
Other (TWh) (***)	0.23	0.36	0.58	0.69	0.45
<b>Final Energy Consumption by fuel/product</b>	14.54	15.84	18.56	20.80	21.45
Solid fuels	1.05	1.07	0.89	0.45	0.40
Oil	10.07	10.84	12.63	14.28	14.69
Gas	0.01	0.01	0.26	0.58	0.69
Electricity	2.45	2.93	3.71	4.38	4.52
Renewables	0.95	0.98	1.05	1.07	1.10
Derived heat & Industrial waste			0.03	0.05	0.06
<b>by sector</b>					
INDUSTRY	3.95	4.11	4.45	4.14	4.21
TRANSPORT	5.82	6.45	7.21	8.08	8.50
HOUSEHOLDS	3.06	3.33	4.49	5.49	5.49
AGRICULTURE	1.03	1.01	1.11	1.14	1.17
SERVICES, ETC.	0.69	0.94	1.31	1.94	2.07
<b>Non-Energy Uses</b>	0.67	0.46	0.72	0.76	0.91
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	93	101	118	122	122
<b>Energy intensity (toe/M€ '00)</b>	204	208	205	185	178
<b>Carbon intensity</b>	4.16	4.16	4.16	3.89	3.88
<b>Import dependency, %</b>	62.2	65.8	69.4	68.6	71.9
<b>Energy per capita (kgoe/cap)</b>	2 199	2 278	2 585	2 824	2 826
<b>CO<sub>2</sub> per capita (kg/cap)</b>	9 146	9 486	10 764	10 984	10 973

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.



## Spain

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	33.73	31.37	31.33	30.13	31.14
<b>Solid fuels</b>	11.68	10.17	7.74	6.26	6.05
Oil	0.80	0.79	0.23	0.17	0.14
Gas	1.27	0.38	0.15	0.14	0.05
Nuclear	13.70	14.30	16.05	14.84	15.51
Renewables	6.26	5.60	7.02	8.71	9.38
Industrial waste	0.02	0.12	0.16		
<b>Net Imports</b>	60.17	76.16	99.33	123.97	123.81
<b>Solid fuels</b>	7.04	9.15	12.64	14.42	13.51
Oil	49.48	59.11	70.85	79.42	79.16
Gas	3.69	7.52	15.47	30.25	31.43
Electricity	-0.04	0.39	0.38	-0.12	-0.28
Renewables					
Derived heat					
<b>Gross Inland Consumption</b>	89.72	102.95	123.65	144.59	143.82
<b>Solid fuels</b>	18.94	19.52	20.64	20.70	17.88
Oil	45.86	55.30	64.19	70.61	70.32
Gas	4.97	7.72	15.22	29.84	31.02
Nuclear	13.70	14.30	16.05	14.84	15.51
Renewables	6.26	5.60	7.02	8.71	9.38
Other (****)	-0.02	0.51	0.54	-0.12	-0.28
<b>Elec. Generation (TWh)</b>	151.84	167.33	225.15	294.04	299.46
Coal (TWh)	59.73	65.91	79.10	79.70	66.74
Oil (TWh)	8.60	14.62	22.64	24.42	23.83
Gas (TWh)	2.44	4.92	22.46	80.08	91.81
Nuclear (TWh)	54.27	55.46	62.21	57.54	60.13
Renewables (TWh) (*)	26.03	24.59	36.04	43.93	52.36
Other (TWh) (***)	0.77	1.83	2.72	8.38	4.60
<b>Final Energy Consumption</b>	56.80	63.69	79.63	97.46	97.44
<b>by fuel/product</b>					
Solid fuels	3.52	2.23	1.67	1.78	1.57
Oil	33.61	39.13	46.01	53.07	53.06
Gas	4.90	6.84	12.14	17.98	16.76
Electricity	10.82	12.12	16.20	20.82	22.05
Renewables	3.93	3.26	3.45	3.81	4.00
Derived heat & Industrial waste	0.01	0.12	0.16		
<b>by sector</b>					
INDUSTRY	20.07	20.51	25.53	31.10	29.53
TRANSPORT	22.40	26.16	32.98	39.61	40.70
HOUSEHOLDS	9.28	10.00	11.89	15.17	15.19
AGRICULTURE	1.66	2.19	2.54	3.10	2.76
SERVICES, ETC.	3.39	4.83	6.70	8.48	9.27
<b>Non-Energy Uses</b>	6.03	8.36	9.47	8.35	7.75
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	243	272	335	403	396
<b>Energy intensity (toe/M€ '00)</b>	188	200	196	195	187
<b>Carbon intensity</b>	2.71	2.64	2.71	2.79	2.75
<b>Import dependency, %</b>	64.3	71.8	76.7	81.3	81.4
<b>Energy per capita (kgoe/cap)</b>	2 300	2 614	3 071	3 332	3 264
<b>CO<sub>2</sub> per capita (kg/cap)</b>	6 243	6 902	8 322	9 284	8 983

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## France

	Mtoe	1990	1995	2000	2005	2006
<b>Production</b>		111.01	127.61	131.92	136.74	136.62
Solid fuels		7.63	5.36	2.27	0.38	0.28
Oil		3.51	3.51	2.90	1.48	1.19
Gas		2.52	2.79	1.50	0.91	1.06
Nuclear		81.02	97.31	107.09	116.47	116.13
Renewables		16.34	18.64	18.16	17.49	17.97
Industrial waste						
<b>Net Imports</b>		120.60	116.80	134.20	144.35	141.75
Solid fuels		13.00	9.01	13.20	13.50	13.88
Oil		87.13	86.31	91.19	95.36	93.81
Gas		24.37	27.49	35.78	40.72	39.47
Electricity		-3.91	-6.01	-5.97	-5.19	-5.45
Renewables				0.00	-0.06	0.04
Derived heat						
<b>Gross Inland Consumption</b>		227.75	241.42	259.83	277.09	273.80
Solid fuels		19.96	15.29	15.24	14.30	13.24
Oil		88.32	86.61	89.54	92.99	92.25
Gas		26.03	29.58	35.77	41.08	39.62
Nuclear		81.02	97.31	107.09	116.47	116.13
Renewables		16.34	18.64	18.16	17.44	18.00
Other (****)		-3.91	-6.01	-5.97	-5.19	-5.45
<b>Elec. Generation (TWh)</b>		420.74	493.90	540.73	576.17	574.56
Coal (TWh)		31.47	24.18	27.00	27.52	22.89
Oil (TWh)		8.67	7.75	7.17	7.93	7.13
Gas (TWh)		6.98	6.15	15.37	26.26	25.28
Nuclear (TWh)		314.08	377.23	415.16	451.53	450.19
Renewables (TWh) (*)		55.54	75.63	71.35	58.23	63.79
Other (TWh) (***)		4.00	2.96	4.68	4.71	5.28
<b>Final Energy Consumption by fuel/product</b>		136.45	142.31	152.47	159.17	157.80
Solid fuels		9.02	6.90	5.77	5.15	5.36
Oil		67.70	68.41	72.24	73.35	72.27
Gas		23.40	27.10	30.88	33.74	32.71
Electricity		25.96	29.46	33.10	36.34	36.69
Renewables		10.38	10.44	10.48	10.59	10.77
Derived heat & Industrial waste						
<b>by sector</b>						
INDUSTRY		36.44	37.12	36.89	35.84	34.79
TRANSPORT		42.04	44.29	51.59	49.94	50.92
HOUSEHOLDS		36.49	36.88	42.41	45.16	44.64
AGRICULTURE		3.27	3.05	3.08	3.29	3.19
SERVICES, ETC.		18.21	20.97	18.51	24.93	24.27
<b>Non-Energy Uses</b>		13.45	16.84	15.90	14.29	14.59
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>		410	406	426	440	430
<b>Energy intensity (toe/M€ '00)</b>		192	192	180	177	171
<b>Carbon intensity</b>		1.80	1.68	1.64	1.59	1.57
<b>Import dependency, %</b>		52.4	47.9	51.1	51.6	51.2
<b>Energy per capita (kgoe/cap)</b>		3 915	4 063	4 277	4 411	4 333
<b>CO<sub>2</sub> per capita (kg/cap)</b>		7 043	6 841	7 015	7 005	6 801

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Italy

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	25.56	29.43	27.13	28.11	28.00
<b>Solid fuels</b>	0.22	0.04	0.00	0.06	0.01
Oil	4.77	5.40	4.81	6.52	6.67
Gas	14.03	16.35	13.62	9.89	8.99
Nuclear					
Renewables	6.39	7.54	8.55	11.53	12.20
Industrial waste	0.15	0.10	0.14	0.12	0.13
<b>Net Imports</b>	132.45	135.06	153.43	160.95	164.57
<b>Solid fuels</b>	13.79	12.99	13.19	16.37	16.61
Oil	90.28	90.09	88.93	79.90	80.11
Gas	25.31	28.53	47.01	59.84	63.09
Electricity	2.98	3.22	3.81	4.23	3.87
Renewables	0.09	0.23	0.49	0.62	0.90
Derived heat					
<b>Gross Inland Consumption</b>	153.51	161.67	172.95	187.31	186.11
<b>Solid fuels</b>	14.62	12.27	12.66	16.48	16.66
Oil	90.27	93.66	89.36	83.69	83.17
Gas	39.00	44.65	57.94	70.65	69.19
Nuclear					
Renewables	6.48	7.77	9.03	12.15	13.10
Other (****)	3.13	3.32	3.96	4.34	3.99
<b>Elec. Generation (TWh)</b>	216.89	241.47	276.61	303.70	314.12
Coal (TWh)	32.04	24.12	26.27	43.61	44.21
Oil (TWh)	102.71	120.80	85.88	47.12	45.88
Gas (TWh)	42.18	50.44	105.61	155.07	164.31
Nuclear (TWh)					
Renewables (TWh) (*)	35.02	41.63	51.21	49.75	52.09
Other (TWh) (***)	4.94	4.47	7.64	8.15	7.64
<b>Final Energy Consumption</b>	107.38	113.90	123.46	132.60	130.65
<b>by fuel/product</b>					
Solid fuels	4.21	4.01	3.68	4.22	4.16
Oil	53.84	53.29	56.36	58.46	57.49
Gas	29.81	34.65	37.98	41.98	39.96
Electricity	18.41	20.44	23.43	25.83	26.51
Renewables	0.97	1.42	1.94	2.05	2.47
Derived heat & Industrial waste	0.14	0.08	0.06	0.06	0.06
<b>by sector</b>					
INDUSTRY	36.26	36.46	39.53	39.07	38.01
TRANSPORT	33.51	37.74	41.39	43.78	44.19
HOUSEHOLDS	26.33	26.71	28.36	31.88	29.92
AGRICULTURE	3.10	3.24	3.22	3.38	3.39
SERVICES, ETC.	8.17	9.75	10.97	14.48	15.14
<b>Non-Energy Uses</b>	10.09	13.81	11.04	11.26	10.68
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	443	455	476	507	504
<b>Energy intensity (toe/M€ '00)</b>	151	149	145	151	147
<b>Carbon intensity</b>	2.89	2.82	2.75	2.70	2.71
<b>Import dependency, %</b>	84.8	82.3	87.3	84.4	86.8
<b>Energy per capita (kgoe/cap)</b>	2 707	2 844	3 037	3 196	3 158
<b>CO<sub>2</sub> per capita (kg/cap)</b>	7 815	8 013	8 358	8 644	8 548

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Cyprus

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	0.01	0.04	0.05	0.05	0.05
Solid fuels					
Oil					
Gas					
Nuclear					
Renewables	0.01	0.04	0.04	0.05	0.05
Industrial waste			0.00	0.00	0.00
<b>Net Imports</b>	1.64	2.02	2.55	2.82	2.97
Solid fuels	0.07	0.02	0.04	0.04	0.04
Oil	1.57	2.01	2.51	2.77	2.93
Gas					
Electricity					
Renewables				0.00	0.00
Derived heat					
<b>Gross Inland Consumption</b>	1.52	1.98	2.39	2.47	2.61
Solid fuels	0.06	0.01	0.03	0.04	0.04
Oil	1.45	1.92	2.31	2.38	2.52
Gas					
Nuclear					
Renewables	0.01	0.04	0.04	0.05	0.05
Other (****)			0.00	0.00	0.00
<b>Elec. Generation (TWh)</b>	1.97	2.47	3.37	4.38	4.65
Coal (TWh)					
Oil (TWh)	1.97	2.47	3.37	4.38	4.65
Gas (TWh)					
Nuclear (TWh)					
Renewables (TWh) (*)				0.00	0.00
Other (TWh) (**)					
<b>Final Energy Consumption by fuel/product</b>	1.10	1.41	1.64	1.81	1.84
Solid fuels	0.08	0.01	0.03	0.04	0.04
Oil	0.87	1.17	1.30	1.38	1.39
Gas					
Electricity	0.15	0.19	0.26	0.34	0.36
Renewables	0.01	0.04	0.04	0.05	0.05
Derived heat & Industrial waste			0.00	0.00	0.00
<b>by sector</b>					
INDUSTRY	0.28	0.39	0.44	0.32	0.33
TRANSPORT	0.63	0.75	0.85	0.97	0.93
HOUSEHOLDS	0.11	0.18	0.22	0.32	0.35
AGRICULTURE	0.00	0.01	0.01	0.04	0.04
SERVICES, ETC.	0.08	0.09	0.12	0.17	0.19
<b>Non-Energy Uses</b>	0.03	0.06	0.08	0.07	0.07
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	6	7	8	9	10
<b>Energy intensity (toe/M€ '00)</b>	235	236	237	209	212
<b>Carbon intensity</b>	3.67	3.35	3.46	3.82	3.71
<b>Import dependency, %</b>	103.9	99.1	98.7	100.8	102.5
<b>Energy per capita (kgoe/cap)</b>	2 620	3 036	3 444	3 254	3 377
<b>CO<sub>2</sub> per capita (kg/cap)</b>	9 614	10 158	11 932	12 437	12 532

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Latvia

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	1.12	1.43	1.41	1.87	1.85
<b>Solid fuels</b>	0.06	0.08	0.02	0.00	0.00
Oil	0.00			0.01	0.01
Gas					
Nuclear					
Renewables	1.06	1.35	1.39	1.85	1.84
Industrial waste				0.00	0.00
<b>Net Imports</b>	7.47	3.37	2.24	2.99	3.17
<b>Solid fuels</b>	0.63	0.17	0.06	0.08	0.10
Oil	3.97	2.09	1.12	1.68	1.71
Gas	2.56	1.00	1.11	1.43	1.53
Electricity	0.31	0.19	0.15	0.18	0.22
Renewables		-0.09	-0.20	-0.38	-0.39
Derived heat					
<b>Gross Inland Consumption</b>	7.93	4.63	3.75	4.49	4.63
<b>Solid fuels</b>	0.71	0.27	0.13	0.08	0.09
Oil	3.49	1.89	1.17	1.38	1.48
Gas	2.38	1.01	1.09	1.36	1.41
Nuclear					
Renewables	1.05	1.26	1.19	1.48	1.43
Other (****)	0.31	0.19	0.15	0.19	0.22
<b>Elec. Generation (TWh)</b>	6.65	3.98	4.14	4.91	4.89
Coal (TWh)	0.06	0.10	0.08		
Oil (TWh)	0.36	0.42	0.11	0.01	0.01
Gas (TWh)	1.73	0.53	1.13	1.49	2.10
Nuclear (TWh)					
Renewables (TWh) (*)	4.50	2.94	2.82	3.41	2.79
Other (TWh) (***)					
<b>Final Energy Consumption</b>	6.39	3.81	3.24	4.03	4.20
<b>by fuel/product</b>					
Solid fuels	0.32	0.12	0.06	0.07	0.08
Oil	2.06	1.16	1.06	1.33	1.47
Gas	0.67	0.37	0.33	0.51	0.51
Electricity	0.71	0.38	0.38	0.49	0.53
Renewables	0.62	0.88	0.82	1.02	1.02
Derived heat & Industrial waste	2.01	0.91	0.59	0.60	0.59
<b>by sector</b>					
INDUSTRY	1.98	0.69	0.57	0.71	0.74
TRANSPORT	1.10	0.71	0.75	1.07	1.18
HOUSEHOLDS	1.59	1.60	1.33	1.51	1.49
AGRICULTURE	0.61	0.17	0.13	0.15	0.15
SERVICES, ETC.	1.11	0.64	0.47	0.59	0.63
<b>Non-Energy Uses</b>	0.08	0.05	0.08	0.09	0.10
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	21	10	7	9	9
<b>Energy intensity (toe/M€ '00)</b>	647	709	441	357	327
<b>Carbon intensity</b>	2.63	2.09	1.91	1.96	1.96
<b>Import dependency, %</b>	88.9	70.5	59.8	63.0	65.7
<b>Energy per capita (kgoe/cap)</b>	2 978	1 862	1 580	1 953	2 022
<b>CO<sub>2</sub> per capita (kg/cap)</b>	7 840	3 888	3 010	3 819	3 970

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Lithuania

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	4.74	3.70	3.19	3.70	3.26
Solid fuels	0.01	0.01	0.01	0.02	0.02
Oil	0.01	0.13	0.35	0.24	0.20
Gas					
Nuclear	4.39	3.05	2.17	2.67	2.23
Renewables	0.32	0.50	0.66	0.78	0.81
Industrial waste					
<b>Net Imports</b>	11.69	5.65	4.34	5.12	5.48
Solid fuels	0.76	0.16	0.09	0.19	0.26
Oil	7.28	3.69	2.31	2.70	2.79
Gas	4.68	2.03	2.06	2.49	2.48
Electricity	-1.03	-0.23	-0.11	-0.26	-0.04
Renewables		0.00	-0.01	-0.01	-0.01
Derived heat					
<b>Gross Inland Consumption</b>	16.06	8.67	7.07	8.62	8.43
Solid fuels	0.80	0.25	0.10	0.20	0.27
Oil	6.90	3.09	2.20	2.77	2.72
Gas	4.68	2.03	2.06	2.48	2.45
Nuclear	4.39	3.05	2.17	2.67	2.23
Renewables	0.32	0.49	0.65	0.76	0.79
Other (****)	-1.03	-0.23	-0.11	-0.26	-0.04
<b>Elec. Generation (TWh)</b>	28.41	13.90	11.42	14.78	12.48
Coal (TWh)					0.00
Oil (TWh)	4.15	1.07	0.66	0.40	0.33
Gas (TWh)	6.77	0.23	1.62	3.02	2.46
Nuclear (TWh)	17.03	11.82	8.42	10.34	8.65
Renewables (TWh) (*)	0.41	0.37	0.34	0.46	0.44
Other (TWh) (***)	0.04	0.41	0.40	0.57	0.60
<b>Final Energy Consumption by fuel/product</b>	9.68	4.59	3.74	4.46	4.72
Solid fuels	0.75	0.23	0.09	0.19	0.26
Oil	4.06	1.67	1.35	1.61	1.67
Gas	1.48	0.51	0.36	0.50	0.54
Electricity	1.03	0.55	0.53	0.68	0.72
Renewables	0.27	0.45	0.58	0.57	0.58
Derived heat & Industrial waste	2.08	1.19	0.83	0.91	0.94
<b>by sector</b>					
INDUSTRY	3.33	1.02	0.78	0.99	1.06
TRANSPORT	2.00	1.04	1.05	1.41	1.50
HOUSEHOLDS	1.84	1.64	1.34	1.38	1.43
AGRICULTURE	0.80	0.20	0.10	0.11	0.11
SERVICES, ETC.	1.71	0.69	0.47	0.57	0.62
<b>Non-Energy Uses</b>	0.86	0.54	0.66	0.80	0.81
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	37	16	12	15	15
<b>Energy intensity (toe/M€ '00)</b>	947	882	572	478	435
<b>Carbon intensity</b>	2.30	1.81	1.76	1.73	1.79
<b>Import dependency, %</b>	72.4	64.1	60.6	58.5	64.0
<b>Energy per capita (kgoe/cap)</b>	4 343	2 390	2 020	2 523	2 484
<b>CO<sub>2</sub> per capita (kg/cap)</b>	9 976	4 336	3 560	4 369	4 457

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Luxembourg

	Mtoe	1990	1995	2000	2005	2006
<b>Production</b>		0.05	0.05	0.06	0.07	0.08
<b>Solid fuels</b>						
Oil						
Gas						
Nuclear						
Renewables		0.05	0.05	0.06	0.07	0.08
Industrial waste						
<b>Net Imports</b>		3.53	3.26	3.63	4.62	4.66
<b>Solid fuels</b>		1.13	0.51	0.13	0.08	0.11
Oil		1.63	1.76	2.34	3.08	3.01
Gas		0.43	0.56	0.67	1.18	1.23
Electricity		0.34	0.43	0.49	0.28	0.31
Renewables						
Derived heat						
<b>Gross Inland Consumption</b>		3.56	3.34	3.64	4.71	4.71
<b>Solid fuels</b>		1.13	0.51	0.13	0.08	0.11
Oil		1.61	1.79	2.29	3.10	2.98
Gas		0.43	0.56	0.67	1.18	1.23
Nuclear						
Renewables		0.05	0.05	0.06	0.07	0.08
Other (****)		0.34	0.43	0.49	0.28	0.31
<b>Elec. Generation (TWh)</b>		1.38	1.24	1.18	4.13	4.33
Coal (TWh)						
Oil (TWh)		0.03	0.01			
Gas (TWh)		0.49	0.34	0.23	3.11	3.25
Nuclear (TWh)						
Renewables (TWh) (*)		0.11	0.14	0.20	0.24	0.27
Other (TWh) (***)		0.75	0.75	0.74	0.78	0.81
<b>Final Energy Consumption</b>		3.33	3.17	3.56	4.44	4.40
<b>by fuel/product</b>						
Solid fuels		0.76	0.37	0.12	0.08	0.11
Oil		1.59	1.76	2.28	3.08	2.96
Gas		0.62	0.58	0.62	0.68	0.68
Electricity		0.35	0.43	0.49	0.53	0.56
Renewables		0.02	0.02	0.02	0.02	0.02
Derived heat & Industrial waste			0.01	0.03	0.05	0.06
<b>by sector</b>						
INDUSTRY		1.73	1.20	0.96	0.94	1.02
TRANSPORT		1.01	1.31	1.88	2.72	2.63
HOUSEHOLDS		0.52	0.56	0.60	0.65	0.61
AGRICULTURE		0.01	0.01	0.01	0.03	0.03
SERVICES, ETC.		0.06	0.09	0.10	0.10	0.11
<b>Non-Energy Uses</b>		0.02	0.02	0.01	0.02	0.02
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>		13	10	10	13	13
<b>Energy intensity (toe/M€ '00)</b>		265	205	165	178	168
<b>Carbon intensity</b>		3.54	2.96	2.76	2.84	2.83
<b>Import dependency, %</b>		99.0	97.7	99.8	98.0	98.9
<b>Energy per capita (kgoe/cap)</b>		9 325	8 157	8 294	10 133	9 971
<b>CO<sub>2</sub> per capita (kg/cap)</b>		33 044	24 145	22 858	28 784	28 247

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Hungary

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	14.16	13.47	11.21	10.64	10.51
Solid fuels	3.95	3.10	2.89	1.75	1.82
Oil	2.33	2.34	1.67	1.78	1.53
Gas	3.81	3.79	2.48	2.33	2.38
Nuclear	3.54	3.62	3.66	3.57	3.47
Renewables	0.52	0.63	0.52	1.18	1.28
Industrial waste				0.03	0.03
<b>Net Imports</b>	14.47	12.65	14.03	17.52	17.35
Solid fuels	1.69	1.39	1.08	1.30	1.22
Oil	6.65	5.52	5.37	5.87	6.11
Gas	5.17	5.53	7.28	9.81	9.42
Electricity	0.96	0.21	0.30	0.54	0.62
Renewables					-0.01
Derived heat					
<b>Gross Inland Consumption</b>	28.68	25.90	25.02	28.01	27.77
Solid fuels	5.97	4.55	3.97	3.05	3.10
Oil	8.77	7.72	6.92	7.54	7.82
Gas	8.91	9.17	9.66	12.09	11.46
Nuclear	3.54	3.62	3.66	3.57	3.47
Renewables	0.52	0.63	0.52	1.18	1.27
Other (****)	0.96	0.21	0.30	0.57	0.65
<b>Elec. Generation (TWh)</b>	28.47	34.11	35.19	35.76	35.86
Coal (TWh)	8.55	9.08	9.59	7.02	7.00
Oil (TWh)	1.35	5.28	4.40	0.46	0.52
Gas (TWh)	4.63	5.46	6.73	12.50	13.25
Nuclear (TWh)	13.73	14.03	14.18	13.83	13.46
Renewables (TWh) (*)	0.21	0.26	0.29	1.93	1.59
Other (TWh) (**)				0.01	0.04
<b>Final Energy Consumption by fuel/product</b>	19.18	15.71	15.76	18.08	17.92
Solid fuels	2.50	0.96	0.67	0.69	0.71
Oil	6.03	4.16	4.19	4.81	5.10
Gas	5.94	6.37	6.50	7.85	7.21
Electricity	2.72	2.39	2.53	2.78	2.86
Renewables	0.43	0.55	0.43	0.62	0.78
Derived heat & Industrial waste	1.57	1.29	1.44	1.33	1.26
<b>by sector</b>					
INDUSTRY	6.52	3.81	3.46	3.43	3.43
TRANSPORT	3.03	2.66	3.26	4.20	4.68
HOUSEHOLDS	6.38	5.83	5.28	6.38	6.18
AGRICULTURE	1.13	0.65	0.70	0.58	0.42
SERVICES, ETC.	2.12	2.76	3.06	3.50	3.21
<b>Non-Energy Uses</b>	1.58	1.63	1.60	2.33	2.39
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	74	63	60	62	61
<b>Energy intensity (toe/M€ '00)</b>		606	481	436	416
<b>Carbon intensity</b>	2.57	2.42	2.39	2.23	2.20
<b>Import dependency, %</b>	50.4	48.9	56.1	62.6	62.5
<b>Energy per capita (kgoe/cap)</b>	2 765	2 507	2 450	2 776	2 757
<b>CO<sub>2</sub> per capita (kg/cap)</b>	7 115	6 058	5 860	6 179	6 061

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.



## Malta

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>					
Solid fuels					
Oil					
Gas					
Nuclear					
Renewables					
Industrial waste					
<b>Net Imports</b>	0.61	0.89	0.82	0.96	0.90
Solid fuels					
Oil	0.61	0.89	0.82	0.96	0.90
Gas					
Electricity					
Renewables					
Derived heat					
<b>Gross Inland Consumption</b>	0.58	0.81	0.77	0.96	0.90
Solid fuels					
Oil	0.58	0.81	0.77	0.96	0.90
Gas					
Nuclear					
Renewables					
Other (****)					
<b>Elec. Generation (TWh)</b>	1.10	1.63	1.92	2.24	2.30
Coal (TWh)	0.62	0.09			
Oil (TWh)	0.49	1.54	1.92	2.24	2.30
Gas (TWh)					
Nuclear (TWh)					
Renewables (TWh) (*)					
Other (TWh) (***)					
<b>Final Energy Consumption</b>	0.33	0.45	0.41	0.53	0.48
<b>by fuel/product</b>					
Solid fuels					
Oil	0.25	0.34	0.28	0.38	0.32
Gas					
Electricity	0.08	0.11	0.13	0.15	0.16
Renewables					
Derived heat & Industrial waste					
<b>by sector</b>					
INDUSTRY		0.04	0.04	0.05	0.05
TRANSPORT	0.22	0.30	0.24	0.33	0.29
HOUSEHOLDS	0.06	0.07	0.08	0.09	0.08
AGRICULTURE					
SERVICES, ETC.	0.06	0.03	0.05	0.06	0.06
<b>Non-Energy Uses</b>	0.01				
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	2	2	2	8	5
<b>Energy intensity (toe/M€ '00)</b>		239	183	216	196
<b>Carbon intensity</b>	3.18	2.83	3.01	8.71	5.91
<b>Import dependency, %</b>	100.0	104.5	100.8	100.0	100.0
<b>Energy per capita (kgoe/cap)</b>	1 616	2 140	1 982	2 375	2 206
<b>CO<sub>2</sub> per capita (kg/cap)</b>	5 131	6 061	5 957	20 688	13 042

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Netherlands

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	60.56	66.30	57.43	61.90	60.76
<b>Solid fuels</b>					
Oil	4.11	3.62	2.47	2.35	2.08
Gas	54.61	60.46	51.90	56.27	55.39
Nuclear	0.88	1.04	1.01	1.03	0.89
Renewables	0.96	1.15	1.83	2.26	2.39
Industrial waste		0.03	0.21		
<b>Net Imports</b>	18.27	17.14	35.44	38.39	37.23
<b>Solid fuels</b>	9.57	8.92	8.22	8.31	8.11
Oil	31.70	33.61	42.78	48.87	47.88
Gas	-23.80	-26.37	-17.19	-20.94	-21.13
Electricity	0.79	0.98	1.63	1.57	1.85
Renewables	0.00	0.00	0.01	0.58	0.52
Derived heat					
<b>Gross Inland Consumption</b>	67.96	74.53	77.04	82.48	80.55
<b>Solid fuels</b>	9.21	9.10	8.03	8.19	7.92
Oil	25.31	28.14	29.61	33.53	32.67
Gas	30.81	34.09	34.71	35.32	34.30
Nuclear	0.88	1.04	1.01	1.03	0.89
Renewables	0.96	1.15	1.84	2.83	2.91
Other (****)	0.79	1.01	1.84	1.57	1.85
<b>Elec. Generation (TWh)</b>	71.97	81.07	89.62	100.22	98.39
Coal (TWh)	25.05	26.08	22.60	23.50	23.74
Oil (TWh)	3.09	3.87	3.13	2.26	2.10
Gas (TWh)	39.14	44.83	54.56	61.28	59.43
Nuclear (TWh)	3.50	4.02	3.93	4.00	3.47
Renewables (TWh) (*)	1.19	1.96	4.23	8.92	9.51
Other (TWh) (***)		0.32	1.17	0.26	0.15
<b>Final Energy Consumption by fuel/product</b>	42.88	47.73	50.17	51.64	50.83
<b>Solid fuels</b>	1.65	1.42	1.30	1.51	1.24
Oil	12.85	14.72	16.51	17.41	17.35
Gas	21.24	22.52	21.01	20.34	20.22
Electricity	6.32	7.14	8.42	8.99	9.12
Renewables	0.37	0.36	0.38	0.41	0.48
Derived heat & Industrial waste	0.44	1.57	2.56	2.98	2.42
<b>by sector</b>					
INDUSTRY	12.54	12.68	13.75	14.93	13.43
TRANSPORT	10.38	12.44	13.86	15.11	15.61
HOUSEHOLDS	9.94	11.15	10.33	10.10	10.01
AGRICULTURE	3.37	4.37	3.95	4.04	3.94
SERVICES, ETC.	6.65	7.09	8.28	7.46	7.83
<b>Non-Energy Uses</b>	9.77	9.89	10.31	13.03	11.53
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	198	214	222	241	239
<b>Energy intensity (toe/ME '00)</b>	222	217	184	185	175
<b>Carbon intensity</b>	2.92	2.87	2.88	2.92	2.97
<b>Import dependency, %</b>	23.2	20.0	39.2	38.7	38.0
<b>Energy per capita (kgoe/cap)</b>	4 546	4 821	4 839	5 055	4 929
<b>CO<sub>2</sub> per capita (kg/cap)</b>	13 264	13 818	13 948	14 763	14 647

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Austria

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	8.21	8.71	9.82	9.65	9.93
<b>Solid fuels</b>	0.64	0.30	0.29	0.00	0.00
Oil	1.29	1.11	1.12	0.99	1.00
Gas	1.10	1.26	1.53	1.40	1.56
Nuclear					
Renewables	5.02	5.87	6.70	6.95	7.02
Industrial waste	0.16	0.17	0.18	0.31	0.34
<b>Net Imports</b>	17.31	18.03	19.11	24.66	24.86
<b>Solid fuels</b>	3.11	2.55	3.02	3.96	3.73
Oil	9.74	10.26	11.00	13.32	13.74
Gas	4.44	5.40	5.25	7.20	6.54
Electricity	-0.04	-0.21	-0.12	0.23	0.59
Renewables	0.05	0.02	-0.05	-0.06	0.26
Derived heat					
<b>Gross Inland Consumption</b>	25.26	27.05	29.05	34.11	34.09
<b>Solid fuels</b>	4.04	3.34	3.59	4.04	3.98
Oil	10.86	11.48	12.22	14.46	14.43
Gas	5.18	6.37	6.52	8.18	7.46
Nuclear					
Renewables	5.05	5.90	6.65	6.89	7.28
Other (****)	0.12	-0.05	0.07	0.54	0.93
<b>Elec. Generation (TWh)</b>	50.29	56.59	61.52	65.70	63.50
Coal (TWh)	6.19	4.32	5.73	7.17	6.98
Oil (TWh)	1.88	2.12	1.70	1.64	1.64
Gas (TWh)	8.54	9.77	8.79	14.33	12.03
Nuclear (TWh)					
Renewables (TWh) (*)	32.58	38.22	43.57	39.25	39.80
Other (TWh) (***)	1.11	2.16	1.73	3.30	3.05
<b>Final Energy Consumption</b>	19.12	21.06	23.12	27.11	26.75
<b>by fuel/product</b>					
Solid fuels	1.78	1.58	1.40	1.50	1.47
Oil	7.93	8.78	9.46	11.83	11.39
Gas	2.97	3.61	4.26	4.79	4.47
Electricity	3.63	3.95	4.42	4.83	4.98
Renewables	2.10	2.17	2.41	2.58	2.71
Derived heat & Industrial waste	0.71	0.97	1.17	1.58	1.74
<b>by sector</b>					
INDUSTRY	6.37	6.68	7.76	8.60	8.75
TRANSPORT	4.55	5.20	6.08	8.03	7.66
HOUSEHOLDS	5.80	6.24	6.00	6.66	6.63
AGRICULTURE	0.67	0.63	0.56	0.59	0.58
SERVICES, ETC.	1.74	2.31	2.73	3.22	3.14
<b>Non-Energy Uses</b>	1.55	1.32	1.58	1.59	1.81
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	63	65	68	81	79
<b>Energy intensity (toe/M€ '00)</b>	156	151	140	151	146
<b>Carbon intensity</b>	2.49	2.41	2.33	2.38	2.32
<b>Import dependency, %</b>	68.5	66.6	65.8	72.3	72.9
<b>Energy per capita (kgoe/cap)</b>	3 290	3 404	3 625	4 142	4 116
<b>CO<sub>2</sub> per capita (kg/cap)</b>	8 202	8 215	8 438	9 868	9 550

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Poland

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	99.38	99.40	80.30	79.26	78.56
<b>Solid fuels</b>	94.46	91.10	71.30	68.88	67.58
Oil	0.18	0.37	1.43	1.50	1.47
Gas	2.38	3.17	3.31	3.88	3.88
Nuclear					
Renewables	1.60	3.92	3.81	4.55	5.05
Industrial waste	0.77	0.84	0.45	0.45	0.58
<b>Net Imports</b>	2.31	-0.01	10.26	16.91	19.65
<b>Solid fuels</b>	-18.91	-21.20	-16.31	-12.75	-12.29
Oil	14.54	15.62	20.51	22.15	24.05
Gas	6.77	5.81	6.61	8.53	8.90
Electricity	-0.09	-0.24	-0.55	-0.96	-0.94
Renewables				-0.06	-0.07
Derived heat					
<b>Gross Inland Consumption</b>	100.08	100.16	90.91	93.87	98.27
<b>Solid fuels</b>	75.41	70.50	56.36	54.92	57.04
Oil	13.46	16.15	20.89	22.73	24.23
Gas	8.94	8.99	9.96	12.23	12.37
Nuclear					
Renewables	1.60	3.92	3.80	4.49	4.99
Other (****)	0.68	0.60	-0.10	-0.51	-0.36
<b>Elec. Generation (TWh)</b>	136.31	138.99	145.18	156.94	161.74
Coal (TWh)	130.34	131.69	135.89	143.68	148.61
Oil (TWh)	1.57	1.52	1.92	2.39	2.44
Gas (TWh)	0.84	1.59	2.71	5.05	5.02
Nuclear (TWh)					
Renewables (TWh) (*)	1.87	2.24	2.33	4.17	4.31
Other (TWh) (***)	1.70	1.96	2.34	1.65	1.36
<b>Final Energy Consumption by fuel/product</b>	59.65	63.52	55.32	57.85	60.82
<b>Solid fuels</b>	17.07	23.30	13.73	11.35	12.42
Oil	9.14	11.62	14.92	17.87	18.42
Gas	7.99	7.73	7.45	8.40	8.61
Electricity	8.26	7.70	8.45	9.03	9.51
Renewables	1.11	3.73	3.53	3.83	4.23
Derived heat & Industrial waste	16.08	9.44	7.25	7.37	7.63
<b>by sector</b>					
INDUSTRY	25.26	22.72	18.89	16.46	17.35
TRANSPORT	7.36	8.28	9.20	12.08	13.43
HOUSEHOLDS	18.13	23.28	17.52	18.38	19.18
AGRICULTURE	3.12	4.89	4.68	4.41	4.30
SERVICES, ETC.	5.78	4.35	5.03	6.52	6.57
<b>Non-Energy Uses</b>	4.22	3.72	4.32	4.47	5.02
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	371	368	322	320	333
<b>Energy intensity (toe/M€ '00)</b>	781	702	489	434	428
<b>Carbon intensity</b>	3.70	3.67	3.55	3.40	3.39
<b>Import dependency, %</b>	2.3	0.0	11.3	18.0	19.9
<b>Energy per capita (kgoe/cap)</b>	2 648	2 617	2 376	2 460	2 577
<b>CO<sub>2</sub> per capita (kg/cap)</b>	9 806	9 609	8 426	8 376	8 725

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Portugal

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	3.40	3.32	3.83	3.58	4.33
<b>Solid fuels</b>	0.12				
Oil					
Gas					
Nuclear					
<b>Renewables</b>	3.28	3.32	3.83	3.58	4.32
<b>Industrial waste</b>				0.01	0.01
<b>Net Imports</b>	15.12	18.01	21.88	24.41	21.57
<b>Solid fuels</b>	2.79	3.80	3.91	3.22	3.49
Oil	12.33	14.14	15.85	16.71	13.95
Gas			2.04	3.89	3.66
<b>Electricity</b>	0.00	0.08	0.08	0.59	0.47
<b>Renewables</b>					
<b>Derived heat</b>					
<b>Gross Inland Consumption</b>	17.51	20.47	25.08	27.04	25.34
<b>Solid fuels</b>	2.58	3.49	3.80	3.35	3.31
Oil	11.64	13.58	15.34	15.77	13.59
Gas			2.03	3.75	3.64
Nuclear					
<b>Renewables</b>	3.28	3.32	3.83	3.58	4.32
<b>Other (****)</b>	0.00	0.08	0.08	0.59	0.48
<b>Elec. Generation (TWh)</b>	28.50	33.27	43.77	46.58	49.04
<b>Coal (TWh)</b>	9.06	13.41	14.60	15.23	14.96
<b>Oil (TWh)</b>	9.40	10.31	8.42	8.79	5.25
<b>Gas (TWh)</b>	0.05	0.05	7.23	13.61	12.34
<b>Nuclear (TWh)</b>					
<b>Renewables (TWh) (*)</b>	9.85	9.39	13.13	8.56	16.02
<b>Other (TWh) (***)</b>	0.15	0.11	0.39	0.40	0.48
<b>Final Energy Consumption</b>	11.81	13.79	17.69	18.72	18.54
<b>by fuel/product</b>					
<b>Solid fuels</b>	0.62	0.55	0.47	0.02	0.03
<b>Oil</b>	6.70	8.22	10.51	10.56	10.12
<b>Gas</b>	0.10	0.10	0.85	1.31	1.34
<b>Electricity</b>	2.02	2.48	3.30	3.98	4.11
<b>Renewables</b>	2.34	2.42	2.43	2.53	2.63
<b>Derived heat &amp; Industrial waste</b>	0.03	0.04	0.13	0.33	0.33
<b>by sector</b>					
<b>INDUSTRY</b>	4.73	4.97	6.24	5.69	5.69
<b>TRANSPORT</b>	3.74	4.87	6.54	7.06	7.14
<b>HOUSEHOLDS</b>	2.29	2.57	2.80	3.21	3.20
<b>AGRICULTURE</b>	0.46	0.48	0.71	0.57	0.32
<b>SERVICES, ETC.</b>	0.60	0.90	1.39	2.20	2.19
<b>Non-Energy Uses</b>	2.11	1.89	2.36	2.43	1.89
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	46	56	67	72	68
<b>Energy intensity (toe/M€ '00)</b>	190	204	205	212	196
<b>Carbon intensity</b>	2.65	2.73	2.68	2.68	2.70
<b>Import dependency, %</b>	83.5	86.0	85.0	88.4	83.1
<b>Energy per capita (kgoe/cap)</b>	1 754	2 041	2 452	2 563	2 394
<b>CO<sub>2</sub> per capita (kg/cap)</b>	4 643	5 563	6 567	6 862	6 464

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Romania

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	41.42	32.62	28.82	28.18	28.19
Solid fuels	7.94	7.89	5.88	5.79	6.48
Oil	7.96	7.12	6.43	6.18	5.79
Gas	22.91	14.45	10.97	9.70	9.56
Nuclear			1.41	1.43	1.45
Renewables	2.61	2.80	4.04	4.98	4.83
Industrial waste		0.36	0.09	0.09	0.08
<b>Net Imports</b>	22.57	14.55	8.12	10.81	11.89
Solid fuels	4.62	2.87	1.90	2.90	2.69
Oil	11.21	6.86	3.56	3.97	4.77
Gas	5.93	4.79	2.71	4.19	4.79
Electricity	0.81	0.03	-0.06	-0.25	-0.37
Renewables					
Derived heat					
<b>Gross Inland Consumption</b>	63.71	47.14	37.13	39.24	40.90
Solid fuels	12.32	10.79	7.75	8.77	9.49
Oil	19.14	13.92	10.21	10.32	10.85
Gas	28.84	19.24	13.68	13.94	14.61
Nuclear			1.41	1.43	1.45
Renewables	2.61	2.80	4.04	4.94	4.78
Other (****)	0.81	0.39	0.04	-0.16	-0.29
<b>Elec. Generation (TWh)</b>	64.31	59.27	51.93	59.41	62.70
Coal (TWh)	22.54	20.59	18.93	21.92	25.15
Oil (TWh)	6.40	5.80	3.40	1.89	1.61
Gas (TWh)	21.38	16.18	9.38	9.83	11.95
Nuclear (TWh)			5.46	5.56	5.63
Renewables (TWh) (*)	13.88	16.70	14.78	20.21	18.36
Other (TWh) (***)	0.10			0.00	
<b>Final Energy Consumption by fuel/product</b>	36.88	26.69	22.47	24.61	24.71
Solid fuels	3.03	1.59	0.98	1.57	1.48
Oil	8.05	5.58	5.32	6.61	6.36
Gas	20.50	10.25	6.89	7.72	8.25
Electricity	4.69	3.13	2.92	3.34	3.52
Renewables	0.61	1.28	2.74	3.18	3.06
Derived heat & Industrial waste		4.88	3.63	2.20	2.04
<b>by sector</b>					
INDUSTRY	25.11	14.91	9.06	9.90	9.48
TRANSPORT	4.42	3.07	3.40	4.22	4.36
HOUSEHOLDS	4.28	6.35	8.43	7.96	7.84
AGRICULTURE	2.25	1.00	0.40	0.21	0.26
SERVICES, ETC.	0.82	1.36	1.19	2.31	2.77
<b>Non-Energy Uses</b>	0.92	1.34	2.04	2.47	2.33
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	173	130	96	106	112
<b>Energy intensity (toe/M€ '00)</b>	1 329	1 097	920	736	711
<b>Carbon intensity</b>	2.72	2.76	2.58	2.71	2.73
<b>Import dependency, %</b>	35.4	30.9	21.9	27.6	29.1
<b>Energy per capita (kgoe/cap)</b>	2 746	2 127	1 696	1 814	1 894
<b>CO<sub>2</sub> per capita (kg/cap)</b>	7 458	5 870	4 374	4 916	5 167

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Slovenia

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	2.90	3.02	3.09	3.49	3.43
<b>Solid fuels</b>	1.43	1.22	1.06	1.18	1.21
Oil	0.00	0.00	0.00		
Gas	0.02	0.02	0.01	0.00	0.00
Nuclear	1.19	1.25	1.23	1.52	1.43
Renewables	0.25	0.54	0.79	0.77	0.77
Industrial waste			0.00	0.01	0.02
<b>Net Imports</b>	2.57	3.06	3.38	3.82	3.84
<b>Solid fuels</b>	0.13	0.19	0.25	0.32	0.31
Oil	1.80	2.24	2.43	2.60	2.63
Gas	0.72	0.75	0.82	0.93	0.90
Electricity	-0.08	-0.14	-0.11	-0.03	0.00
Renewables		0.03			0.00
Derived heat					
<b>Gross Inland Consumption</b>	5.52	6.11	6.43	7.30	7.34
<b>Solid fuels</b>	1.65	1.40	1.31	1.54	1.57
Oil	1.75	2.29	2.39	2.55	2.66
Gas	0.76	0.75	0.83	0.93	0.90
Nuclear	1.19	1.25	1.23	1.52	1.43
Renewables	0.25	0.57	0.79	0.77	0.77
Other (****)	-0.08	-0.14	-0.11	-0.01	0.02
<b>Elec. Generation (TWh)</b>	12.44	12.65	13.62	15.12	15.12
Coal (TWh)	3.82	4.34	4.61	5.27	5.44
Oil (TWh)	0.57	0.26	0.06	0.04	0.05
Gas (TWh)	0.49	0.03	0.29	0.34	0.37
Nuclear (TWh)	4.62	4.78	4.76	5.88	5.55
Renewables (TWh) (*)	2.95	3.24	3.90	3.58	3.70
Other (TWh) (***)				0.01	0.01
<b>Final Energy Consumption</b>	3.37	3.95	4.44	4.89	4.95
<b>by fuel/product</b>					
Solid fuels	0.24	0.11	0.10	0.08	0.08
Oil	1.51	2.11	2.24	2.40	2.45
Gas	0.60	0.47	0.57	0.66	0.66
Electricity	0.84	0.81	0.90	1.10	1.13
Renewables		0.26	0.43	0.44	0.42
Derived heat & Industrial waste	0.18	0.19	0.20	0.21	0.20
<b>by sector</b>					
INDUSTRY	1.47	1.18	1.42	1.66	1.70
TRANSPORT	0.93	1.33	1.31	1.47	1.55
HOUSEHOLDS	0.85	1.18	1.12	1.19	1.16
AGRICULTURE			0.02	0.07	0.07
SERVICES, ETC.	0.12	0.26	0.56	0.50	0.46
<b>Non-Energy Uses</b>	0.01	0.12	0.24	0.31	0.32
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	15	15	15	17	17
<b>Energy intensity (toe/M€ '00)</b>	309	352	300	285	270
<b>Carbon intensity</b>	2.69	2.46	2.38	2.30	2.32
<b>Import dependency, %</b>	46.6	50.1	52.6	52.3	52.1
<b>Energy per capita (kgoe/cap)</b>	2 764	3 073	3 231	3 648	3 657
<b>CO<sub>2</sub> per capita (kg/cap)</b>	7 422	7 562	7 688	8 408	8 489

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Slovak Republic

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	5.25	4.86	6.07	6.63	6.66
Solid fuels	1.40	1.02	1.02	0.64	0.56
Oil	0.08	0.13	0.16	0.38	0.37
Gas	0.34	0.26	0.13	0.13	0.18
Nuclear	3.10	2.95	4.25	4.57	4.65
Renewables	0.33	0.50	0.51	0.88	0.89
Industrial waste				0.03	0.02
<b>Net Imports</b>	16.10	12.34	11.59	12.49	12.05
Solid fuels	6.06	4.13	3.44	3.74	3.60
Oil	4.25	3.57	2.67	3.32	3.48
Gas	5.35	4.53	5.71	5.75	5.19
Electricity	0.45	0.12	-0.23	-0.28	-0.20
Renewables				-0.04	-0.02
Derived heat					
<b>Gross Inland Consumption</b>	20.98	17.75	17.55	19.06	18.83
Solid fuels	7.77	5.41	4.26	4.23	4.45
Oil	4.24	3.54	2.99	3.76	3.68
Gas	5.09	5.22	5.78	5.92	5.38
Nuclear	3.10	2.95	4.25	4.57	4.65
Renewables	0.33	0.50	0.50	0.83	0.86
Other (****)	0.45	0.12	-0.23	-0.25	-0.18
<b>Elec. Generation (TWh)</b>	24.07	26.31	30.69	31.46	31.37
Coal (TWh)	7.51	5.96	5.58	5.54	5.31
Oil (TWh)	0.81	1.24	0.20	0.74	0.72
Gas (TWh)	1.20	2.45	3.43	2.63	2.33
Nuclear (TWh)	12.04	11.44	16.49	17.73	18.01
Renewables (TWh) (*)	1.88	4.96	4.73	4.70	4.83
Other (TWh) (***)	0.64	0.27	0.25	0.12	0.17
<b>Final Energy Consumption by fuel/product</b>	14.78	10.46	10.29	10.61	10.68
Solid fuels	4.32	2.32	1.51	1.51	1.63
Oil	3.31	1.64	1.72	2.19	2.13
Gas	4.32	3.91	4.54	3.65	3.72
Electricity	2.01	1.87	1.89	1.96	2.03
Renewables	0.17	0.00	0.00	0.33	0.33
Derived heat & Industrial waste	0.65	0.72	0.62	0.97	0.84
<b>by sector</b>					
INDUSTRY	6.72	4.09	3.82	4.47	4.51
TRANSPORT	1.45	1.42	1.46	1.80	1.83
HOUSEHOLDS	2.23	1.98	2.59	2.53	2.32
AGRICULTURE	0.70	0.30	0.21	0.16	0.14
SERVICES, ETC.	3.68	2.68	2.22	1.65	1.88
<b>Non-Energy Uses</b>	1.37	0.89	1.26	1.24	1.20
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	62	44	40	41	40
<b>Energy intensity (toe/M€ '00)</b>		952	797	680	619
<b>Carbon intensity</b>	2.95	2.48	2.29	2.14	2.13
<b>Import dependency, %</b>	76.7	69.6	66.0	65.5	64.0
<b>Energy per capita (kgoe/cap)</b>	3 960	3 309	3 250	3 538	3 493
<b>CO<sub>2</sub> per capita (kg/cap)</b>	11 694	8 207	7 451	7 573	7 441

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.



## Finland

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	11.86	13.17	14.99	16.47	18.11
<b>Solid fuels</b>	1.58	2.06	1.21	2.13	3.22
Oil		0.02	0.04	0.21	0.27
Gas					
Nuclear	5.01	4.96	5.80	6.00	5.91
Renewables	5.27	6.13	7.74	8.08	8.65
Industrial waste			0.21	0.05	0.06
<b>Net Imports</b>	18.12	15.65	18.59	19.31	20.95
<b>Solid fuels</b>	4.38	3.77	3.53	3.34	4.60
Oil	10.57	8.31	10.61	10.98	11.57
Gas	2.26	2.84	3.42	3.60	3.88
Electricity	0.92	0.72	1.02	1.46	0.98
Renewables				-0.08	-0.08
Derived heat					
<b>Gross Inland Consumption</b>	29.05	29.07	32.54	34.67	37.82
<b>Solid fuels</b>	5.33	5.95	5.09	4.92	7.45
Oil	10.03	8.45	9.27	10.63	10.98
Gas	2.26	2.84	3.42	3.60	3.88
Nuclear	5.01	4.96	5.80	6.00	5.91
Renewables	5.51	6.15	7.74	8.00	8.58
Other (****)	0.92	0.72	1.23	1.52	1.04
<b>Elec. Generation (TWh)</b>	54.36	64.06	69.99	70.55	82.30
Coal (TWh)	12.75	16.62	12.50	10.97	22.96
Oil (TWh)	1.68	1.45	0.61	0.50	0.48
Gas (TWh)	4.83	7.21	10.78	11.94	12.96
Nuclear (TWh)	19.22	19.22	22.48	23.27	22.91
Renewables (TWh) (*)	15.89	19.57	23.30	23.56	22.51
Other (TWh) (***)			0.32	0.31	0.48
<b>Final Energy Consumption</b>	21.76	22.07	24.18	25.25	26.68
<b>by fuel/product</b>					
Solid fuels	1.62	1.28	1.10	0.97	0.95
Oil	8.13	7.59	7.53	8.01	8.17
Gas	1.50	1.52	1.33	1.16	1.29
Electricity	5.07	5.61	6.49	6.96	7.38
Renewables	3.52	3.94	4.93	4.54	4.43
Derived heat & Industrial waste	1.91	2.13	2.80	3.62	4.47
<b>by sector</b>					
INDUSTRY	9.62	9.99	12.05	12.09	13.27
TRANSPORT	4.32	4.16	4.46	4.83	4.96
HOUSEHOLDS	5.33	5.43	4.54	4.85	4.95
AGRICULTURE	0.93	0.75	0.74	0.75	0.78
SERVICES, ETC.	1.56	1.74	2.40	2.73	2.73
<b>Non-Energy Uses</b>	1.49	1.20	0.95	1.05	0.82
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	60	60	60	60	71
<b>Energy intensity (toe/M€ '00)</b>	267	277	246	231	241
<b>Carbon intensity</b>	2.05	2.06	1.85	1.72	1.89
<b>Import dependency, %</b>	61.2	53.2	56.0	54.9	54.6
<b>Energy per capita (kgoe/cap)</b>	5 826	5 691	6 287	6 609	7 182
<b>CO<sub>2</sub> per capita (kg/cap)</b>	11 945	11 740	11 613	11 371	13 548

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Sweden

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	29.66	31.34	30.01	34.21	32.34
Solid fuels	0.15	0.22	0.16	0.21	0.19
Oil	0.00	0.00			
Gas					
Nuclear	17.76	18.04	14.78	18.67	17.28
Renewables	11.74	13.07	15.04	15.28	14.81
Industrial waste	0.00	0.00	0.03	0.04	0.06
<b>Net Imports</b>	18.04	19.40	19.29	20.18	19.80
Solid fuels	2.40	2.75	2.41	2.56	2.34
Oil	15.21	16.04	15.70	17.42	16.06
Gas	0.58	0.75	0.78	0.84	0.88
Electricity	-0.15	-0.14	0.40	-0.64	0.52
Renewables					
Derived heat					
<b>Gross Inland Consumption</b>	47.21	50.40	47.90	51.69	50.34
Solid fuels	2.68	2.89	2.44	2.63	2.69
Oil	14.60	15.79	14.43	14.86	14.10
Gas	0.58	0.75	0.78	0.84	0.88
Nuclear	17.76	18.04	14.78	18.67	17.28
Renewables	11.74	13.07	15.04	15.28	14.81
Other (****)	-0.15	-0.14	0.43	-0.59	0.58
<b>Elec. Generation (TWh)</b>	146.92	148.38	145.59	158.44	143.30
Coal (TWh)	1.74	2.45	1.64	0.65	0.88
Oil (TWh)	1.20	3.95	1.73	1.38	1.67
Gas (TWh)	0.40	1.34	1.42	1.32	1.24
Nuclear (TWh)	68.19	69.94	57.32	72.38	66.98
Renewables (TWh) (*)	74.63	70.65	83.25	82.05	71.92
Other (TWh) (**)	0.76	0.06	0.24	0.67	0.61
<b>Final Energy Consumption by fuel/product</b>	30.55	33.73	34.45	33.74	33.22
Solid fuels	1.23	1.19	1.14	1.35	1.20
Oil	12.04	12.60	12.73	11.34	10.66
Gas	0.59	0.61	0.67	0.76	0.86
Electricity	10.35	10.71	11.07	11.38	11.25
Renewables	4.63	5.07	5.29	4.73	5.07
Derived heat & Industrial waste	1.71	3.54	3.55	4.17	4.18
<b>by sector</b>					
INDUSTRY	11.86	12.63	13.16	12.66	12.76
TRANSPORT	7.28	7.68	8.15	8.61	8.57
HOUSEHOLDS	6.54	7.74	7.55	7.30	7.00
AGRICULTURE	0.87	0.84	0.85	0.80	0.78
SERVICES, ETC.	4.00	4.86	4.74	4.37	4.10
<b>Non-Energy Uses</b>	1.79	1.79	1.47	2.26	2.39
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	60	63	60	61	61
<b>Energy intensity (toe/M€ '00)</b>	216	223	180	171	160
<b>Carbon intensity</b>	1.27	1.25	1.26	1.18	1.21
<b>Import dependency, %</b>	37.7	37.7	39.2	37.6	37.8
<b>Energy per capita (kgoe/cap)</b>	5 516	5 710	5 399	5 724	5 544
<b>CO<sub>2</sub> per capita (kg/cap)</b>	6 994	7 135	6 776	6 770	6 680

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## United Kingdom

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	205.94	250.52	269.60	203.29	184.69
<b>Solid fuels</b>	54.13	30.52	18.58	12.17	10.68
<b>Oil</b>	93.25	133.04	128.89	86.71	78.29
<b>Gas</b>	40.93	63.71	97.55	79.40	72.01
<b>Nuclear</b>	16.57	21.25	21.94	21.05	19.46
<b>Renewables</b>	1.05	1.95	2.60	3.60	3.95
<b>Industrial waste</b>	0.02	0.05	0.04	0.35	0.30
<b>Net Imports</b>	5.72	-36.23	-39.25	32.15	49.32
<b>Solid fuels</b>	9.12	10.49	14.58	27.46	31.22
<b>Oil</b>	-10.61	-48.77	-45.73	-2.41	7.50
<b>Gas</b>	6.18	0.64	-9.31	5.97	9.55
<b>Electricity</b>	1.03	1.40	1.22	0.72	0.65
<b>Renewables</b>				0.41	0.40
<b>Derived heat</b>					
<b>Gross Inland Consumption</b>	211.30	218.44	231.87	232.97	229.38
<b>Solid fuels</b>	64.30	45.87	36.82	38.39	41.33
<b>Oil</b>	81.12	82.81	81.86	82.97	82.26
<b>Gas</b>	47.20	65.12	87.40	85.47	81.06
<b>Nuclear</b>	16.57	21.25	21.94	21.05	19.46
<b>Renewables</b>	1.05	1.95	2.60	4.02	4.32
<b>Other (****)</b>	1.04	1.45	1.25	1.07	0.95
<b>Elec. Generation (TWh)</b>	318.96	334.04	377.07	398.36	397.85
<b>Coal (TWh)</b>	204.92	157.24	119.95	134.64	149.35
<b>Oil (TWh)</b>	33.70	12.48	8.45	5.34	5.73
<b>Gas (TWh)</b>	5.08	66.57	150.43	154.30	142.99
<b>Nuclear (TWh)</b>	65.75	88.96	85.06	81.62	75.45
<b>Renewables (TWh) (*)</b>	5.85	6.90	10.38	17.48	18.77
<b>Other (TWh) (***)</b>	3.66	1.89	2.80	4.99	5.56
<b>Final Energy Consumption</b>	137.08	142.63	152.18	152.27	150.36
<b>by fuel/product</b>					
<b>Solid fuels</b>	12.27	8.89	5.68	4.42	4.52
<b>Oil</b>	58.90	60.40	62.95	65.91	66.27
<b>Gas</b>	41.89	47.14	52.18	50.23	47.90
<b>Electricity</b>	23.60	25.27	28.33	29.79	29.64
<b>Renewables</b>	0.41	0.88	0.57	0.65	0.78
<b>Derived heat &amp; Industrial waste</b>	0.02	0.05	2.47	1.27	1.25
<b>by sector</b>					
<b>INDUSTRY</b>	34.98	35.15	36.42	34.37	33.55
<b>TRANSPORT</b>	45.54	47.03	52.31	55.21	55.95
<b>HOUSEHOLDS</b>	37.94	39.57	43.07	43.52	42.14
<b>AGRICULTURE</b>	1.27	1.27	1.16	0.94	0.86
<b>SERVICES, ETC.</b>	17.35	19.62	19.21	18.24	17.87
<b>Non-Energy Uses</b>	11.37	12.76	11.32	11.24	10.98
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	610	574	583	597	597
<b>Energy intensity (toe/M€ '00)</b>	171	163	147	131	125
<b>Carbon intensity</b>	2.89	2.63	2.51	2.56	2.60
<b>Import dependency, %</b>	2.7	-16.4	-16.8	13.7	21.3
<b>Energy per capita (kgoe/cap)</b>	3 692	3 765	3 938	3 869	3 786
<b>CO<sub>2</sub> per capita (kg/cap)</b>	10 660	9 884	9 900	9 907	9 858

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## 2.7.1

## Croatia

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	2.58	4.16	3.57	3.79	4.13
Solid fuels	0.10	0.05			
Oil		1.79	1.34	1.02	0.99
Gas	1.62	1.61	1.35	1.87	2.22
Nuclear					
Renewables	0.86	0.72	0.88	0.90	0.93
Industrial waste					
<b>Net Imports</b>	1.80	2.93	4.18	5.26	4.88
Solid fuels	0.62	0.16	0.48	0.62	0.69
Oil		2.24	2.45	3.64	3.56
Gas	0.58	0.22	0.91	0.56	0.19
Electricity	0.61	0.30	0.34	0.44	0.48
Renewables					-0.05
Derived heat					
<b>Gross Inland Consumption</b>	4.48	7.10	7.83	8.94	8.97
Solid fuels	0.82	0.19	0.44	0.68	0.63
Oil		3.96	3.96	4.54	4.61
Gas	2.19	1.93	2.21	2.38	2.35
Nuclear					
Renewables	0.86	0.72	0.88	0.90	0.88
Other (****)	0.61	0.30	0.34	0.44	0.48
<b>Elec. Generation (TWh)</b>	8.69	8.86	10.70	12.46	12.43
Coal (TWh)	0.60	0.24	1.55	2.33	2.26
Oil (TWh)	2.95	2.46	1.69	1.86	1.96
Gas (TWh)	1.39	0.89	1.57	1.81	2.06
Nuclear (TWh)					
Renewables (TWh) (*)	3.75	5.27	5.88	6.36	6.03
Other (TWh) (***)	0.01		0.02	0.11	0.12
<b>Final Energy Consumption by fuel/product</b>	3.37	4.48	5.35	6.33	6.44
Solid fuels	0.51	0.12	0.07	0.15	0.13
Oil		2.09	2.67	3.09	3.22
Gas	0.89	0.91	1.01	1.24	1.20
Electricity	1.14	0.85	1.01	1.23	1.29
Renewables	0.54	0.26	0.37	0.35	0.36
Derived heat & Industrial waste	0.29	0.25	0.21	0.26	0.23
<b>by sector</b>					
INDUSTRY	1.68	1.26	1.39	1.58	1.64
TRANSPORT	0.03	1.19	1.53	1.91	2.03
HOUSEHOLDS	1.30	1.40	1.66	1.93	1.86
AGRICULTURE	0.03	0.20	0.29	0.24	0.24
SERVICES, ETC.	0.33	0.43	0.47	0.67	0.67
<b>Non-Energy Uses</b>	0.37	0.83	0.68	0.72	0.70
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	24	17	20	24	24
<b>Energy intensity (toe/M€ '00)</b>		421	393	355	340
<b>Carbon intensity</b>	5.43	2.43	2.59	2.66	2.66
<b>Import dependency, %</b>	40.1	41.0	53.2	58.7	54.3
<b>Energy per capita (kgoe/cap)</b>	938	1 550	1 765	2 012	2 018
<b>CO<sub>2</sub> per capita (kg/cap)</b>	5 088	3 773	4 563	5 355	5 376

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Former Yugoslav Republic of Macedonia FYROM

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>		1.70	1.60	1.60	1.58
Solid fuels				1.30	1.29
Oil					
Gas					
Nuclear					
Renewables					
Industrial waste					
<b>Net Imports</b>		1.10	1.10	1.20	1.26
Solid fuels					
Oil					
Gas					
Electricity					
Renewables					
Derived heat					
<b>Gross Inland Consumption</b>		2.70	2.80	2.70	2.87
Solid fuels					
Oil					
Gas					
Nuclear					
Renewables					
Other					
<b>Elec. Generation (TWh)</b>		6.10	6.80	6.90	
Coal (TWh)					
Oil (TWh)					
Gas (TWh)					
Nuclear (TWh)					
Renewables (TWh) (*)					
Other (TWh) (***)					
<b>Final Energy Consumption</b>					
<b>by fuel/product</b>					
Solid fuels					
Oil					
Gas					
Electricity					
Renewables					
Derived heat & Industrial waste					
<b>by sector</b>					
INDUSTRY					
TRANSPORT					
HOUSEHOLDS					
AGRICULTURE					
SERVICES, ETC.					
<b>Non-Energy Uses</b>					
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>					
Energy intensity (toe/M€ '00)			710	687	
Carbon intensity (tCO <sub>2</sub> /toe)					
Import dependency, %					
Energy per capita (kgoe/cap)					
CO <sub>2</sub> per capita (kg/cap)					

Notes: (\*) not including pumping; (\*\*) without maritime bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations.

## Turkey

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	25.97	26.54	26.82	23.65	26.57
Solid fuels	12.41	12.08	13.36	10.48	13.08
Oil	3.72	3.53	2.77	2.27	2.17
Gas	0.17	0.15	0.53	0.74	0.75
Nuclear					
Renewables	9.66	10.78	10.15	10.13	10.54
Industrial waste			0.02	0.03	0.03
<b>Net Imports</b>	27.35	36.88	51.06	62.14	69.29
Solid fuels	4.21	4.48	9.25	11.72	13.58
Oil	20.52	26.80	29.47	28.39	30.68
Gas	2.68	5.67	12.05	22.13	25.18
Electricity	-0.06	-0.06	0.29	-0.10	-0.14
Renewables					
Derived heat					
<b>Gross Inland Consumption</b>	52.37	62.16	77.62	85.34	94.66
Solid fuels	16.92	16.62	23.35	22.30	26.59
Oil	23.00	29.04	31.19	30.20	31.67
Gas	2.86	5.79	12.64	22.79	25.97
Nuclear					
Renewables	9.66	10.78	10.15	10.13	10.54
Other (****)	-0.06	-0.06	0.30	-0.07	-0.12
<b>Elec. Generation (TWh)</b>	57.54	86.25	124.92	161.96	176.30
Coal (TWh)	20.18	27.41	37.33	42.20	45.61
Oil (TWh)	3.94	5.77	9.31	5.48	4.34
Gas (TWh)	10.19	17.22	47.07	74.44	81.73
Nuclear (TWh)					
Renewables (TWh) (*)	23.23	35.85	31.15	39.75	44.52
Other (TWh) (***)			0.05	0.09	0.10
<b>Final Energy Consumption by fuel/product</b>	38.58	44.72	55.48	63.24	69.07
Solid fuels	8.04	6.67	10.78	11.28	13.30
Oil	17.92	22.44	23.20	23.24	23.05
Gas	1.16	2.64	5.53	10.18	12.99
Electricity	3.87	5.60	8.24	11.05	12.15
Renewables	7.60	7.37	7.34	6.63	6.63
Derived heat & Industrial waste			0.39	0.85	0.96
<b>by sector</b>					
INDUSTRY	12.03	13.23	21.01	22.49	24.72
TRANSPORT	9.39	11.93	12.24	13.40	14.90
HOUSEHOLDS	14.56	15.78	17.00	19.31	20.08
AGRICULTURE	1.95	2.65	2.92	3.30	3.53
SERVICES, ETC.	0.66	1.12	2.31	4.74	5.84
<b>Non-Energy Uses</b>	2.81	3.83	3.52	4.40	5.74
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	140	172	224	256	274
<b>Energy intensity (toe/M€ '00)</b>	259	262	268	236	244
<b>Carbon intensity</b>	2.67	2.76	2.88	3.00	2.89
<b>Import dependency, %</b>	52.1	59.2	65.4	71.9	72.5
<b>Energy per capita (kgoe/cap)</b>	933	1 006	1 152	1 184	1 297
<b>CO<sub>2</sub> per capita (kg/cap)</b>	2 488	2 782	3 321	3 558	3 751

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Iceland

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	1.40	1.57	2.31	2.64	3.26
<b>Solid fuels</b>					
Oil					
Gas					
Nuclear					
Renewables	1.40	1.57	2.31	2.64	3.26
Industrial waste					
<b>Net Imports</b>	0.79	0.80	1.04	1.06	1.10
<b>Solid fuels</b>	0.06	0.06	0.10	0.10	0.10
Oil	0.73	0.75	0.94	0.96	1.00
Gas					
Electricity					
Renewables					
Derived heat					
<b>Gross Inland Consumption</b>	2.16	2.32	3.23	3.62	4.35
<b>Solid fuels</b>	0.06	0.06	0.10	0.10	0.10
Oil	0.70	0.70	0.83	0.88	0.99
Gas					
Nuclear					
Renewables	1.40	1.57	2.31	2.64	3.26
Other (****)					
<b>Elec. Generation (TWh)</b>	4.51	4.98	7.68	8.69	9.93
<b>Coal (TWh)</b>					
<b>Oil (TWh)</b>	0.01	0.01	0.01	0.01	0.00
<b>Gas (TWh)</b>					
<b>Nuclear (TWh)</b>					
<b>Renewables (TWh) (*)</b>	4.50	4.97	7.68	8.68	9.93
<b>Other (TWh) (***)</b>					
<b>Final Energy Consumption</b>	1.65	1.71	2.12	2.20	2.38
<b>by fuel/product</b>					
<b>Solid fuels</b>	0.06	0.06	0.10	0.10	0.10
<b>Oil</b>	0.60	0.63	0.70	0.72	0.79
<b>Gas</b>					
<b>Electricity</b>	0.34	0.37	0.59	0.67	0.77
<b>Renewables</b>	0.55	0.48	0.55	0.52	0.50
<b>Derived heat &amp; Industrial waste</b>	0.10	0.18	0.17	0.20	0.21
<b>by sector</b>					
<b>INDUSTRY</b>	0.42	0.44	0.72	0.77	0.85
<b>TRANSPORT</b>	0.28	0.27	0.34	0.36	0.48
<b>HOUSEHOLDS</b>	0.58	0.57	0.60	0.61	0.62
<b>AGRICULTURE</b>	0.28	0.32	0.31	0.30	0.26
<b>SERVICES, ETC.</b>	0.09	0.11	0.14	0.16	0.17
<b>Non-Energy Uses</b>	0.07	0.07	0.13	0.16	0.19
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	2	3	3	3	4
<b>Energy intensity (toe/M€ '00)</b>	295	313	343	311	359
<b>Carbon intensity</b>	1.15	1.16	1.05	0.94	0.82
<b>Import dependency, %</b>	36.0	33.9	31.4	28.9	25.1
<b>Energy per capita (kgoe/cap)</b>	8 483	8 677	11 503	12 219	14 290
<b>CO<sub>2</sub> per capita (kg/cap)</b>	9 728	10 064	12 037	11 447	11 709

**Notes:** (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## Norway

Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	120.32	182.06	225.00	234.04	223.66
Solid fuels	0.20	0.19	0.43	0.99	1.61
Oil	84.50	142.03	165.45	143.77	132.02
Gas	24.15	28.26	45.82	76.28	78.41
Nuclear					
Renewables	11.47	11.57	13.30	12.99	11.60
Industrial waste		0.00	0.01	0.01	0.01
<b>Net Imports</b>	-96.39	-157.12	-198.28	-200.64	-197.57
Solid fuels	0.67	0.85	0.60	-0.41	-0.90
Oil	-73.52	-132.61	-155.06	-128.10	-123.10
Gas	-22.17	-24.80	-42.19	-71.12	-73.68
Electricity	-1.37	-0.57	-1.64	-1.04	0.07
Renewables			0.00	0.02	0.03
Derived heat					
<b>Gross Inland Consumption</b>	21.61	23.74	26.12	32.27	25.03
Solid fuels	0.86	1.02	1.08	0.78	0.71
Oil	8.67	8.26	9.74	14.34	7.86
Gas	1.98	3.46	3.63	5.16	4.74
Nuclear					
Renewables	11.47	11.57	13.30	13.01	11.63
Other (****)	-1.37	-0.57	-1.63	-1.02	0.09
<b>Elec. Generation (TWh)</b>	121.85	123.01	143.03	138.06	121.71
Coal (TWh)		0.06	0.04	0.04	0.04
Oil (TWh)			0.01	0.02	0.02
Gas (TWh)		0.33	0.33	0.47	0.54
Nuclear (TWh)					
Renewables (TWh) (*)	121.04	121.67	139.12	136.55	120.52
Other (TWh) (***)	0.81	0.96	3.53	0.98	0.58
<b>Final Energy Consumption by fuel/product</b>	16.13	16.88	18.14	18.48	18.39
Solid fuels	0.81	0.96	1.01	0.71	0.61
Oil	6.00	5.88	6.19	6.73	6.95
Gas	0.02	0.02	0.20	0.25	0.27
Electricity	8.32	8.92	9.42	9.52	9.28
Renewables	0.90	0.99	1.20	1.06	1.05
Derived heat & Industrial waste	0.07	0.11	0.13	0.21	0.23
<b>by sector</b>					
INDUSTRY	6.10	6.18	7.01	6.57	6.29
TRANSPORT	4.14	4.21	4.49	4.93	5.12
HOUSEHOLDS	3.60	3.86	3.82	3.83	3.80
AGRICULTURE	0.27	0.65	0.77	0.75	0.75
SERVICES, ETC.	2.03	1.96	2.04	2.39	2.43
<b>Non-Energy Uses</b>	1.83	1.63	1.92	2.45	2.43
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	35	38	42	43	43
<b>Energy intensity (toe/M€ '00)</b>	170	156	143	158	120
<b>Carbon intensity</b>	1.61	1.59	1.59	1.33	1.73
<b>Import dependency, %</b>	-437.1	-642.9	-736.0	-608.8	-773.8
<b>Energy per capita (kgoe/cap)</b>	5 095	5 447	5 816	6 981	5 370
<b>CO<sub>2</sub> per capita (kg/cap)</b>	8 200	8 670	9 258	9 273	9 281

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.



## Switzerland

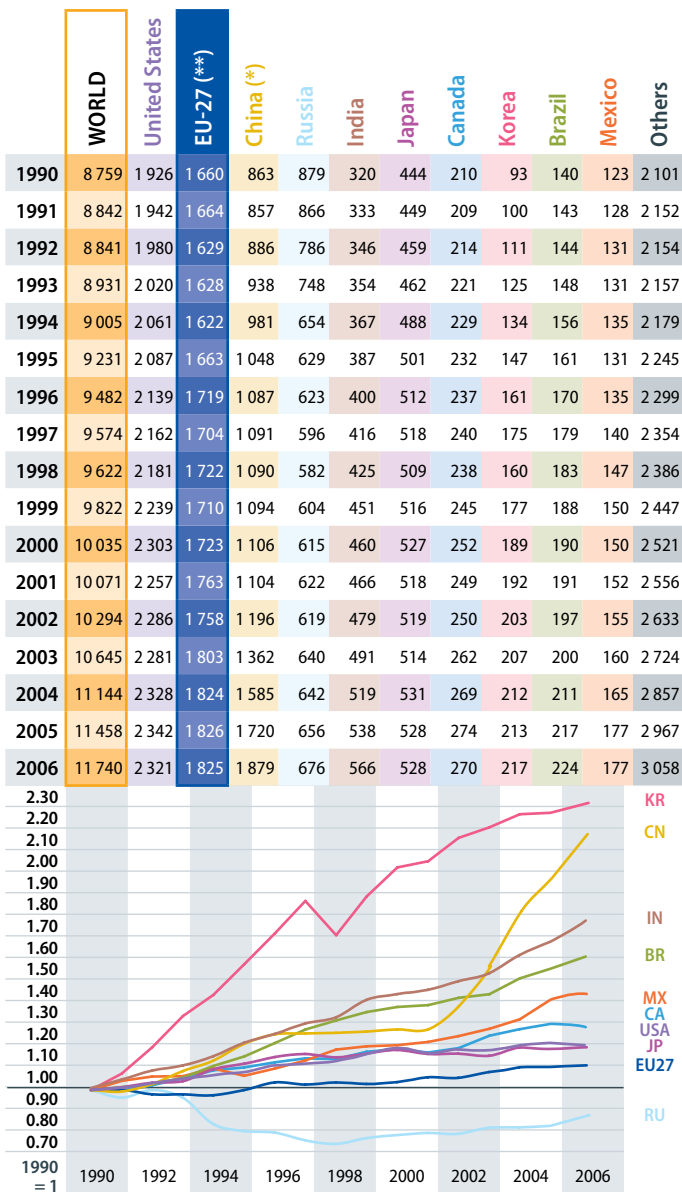
Mtoe	1990	1995	2000	2005	2006
<b>Production</b>	9.63	10.68	11.37	10.79	12.04
<b>Solid fuels</b>					
Oil					
Gas	0.00				
Nuclear	6.10	6.42	6.82	6.02	7.18
Renewables	3.37	4.05	4.28	4.49	4.58
Industrial waste	0.16	0.20	0.27	0.29	0.29
<b>Net Imports</b>	14.96	13.72	14.08	16.24	16.11
<b>Solid fuels</b>	0.34	0.16	0.19	0.10	0.16
Oil	13.16	11.98	12.06	12.82	13.01
Gas	1.63	2.20	2.43	2.78	2.71
Electricity	-0.18	-0.63	-0.61	0.55	0.23
Renewables	0.01	0.01		0.00	
Derived heat					
<b>Gross Inland Consumption</b>	24.69	24.70	25.86	26.89	28.10
<b>Solid fuels</b>	0.36	0.19	0.14	0.16	0.17
Oil	13.24	12.26	12.52	12.61	12.95
Gas	1.63	2.20	2.43	2.78	2.71
Nuclear	6.10	6.42	6.82	6.02	7.18
Renewables	3.39	4.06	4.28	4.49	4.58
Other	-0.02	-0.42	-0.34	0.83	0.53
<b>Elec. Generation (TWh)</b>	56.18	63.03	67.52	59.61	64.04
Coal (TWh)	0.04	0.00			
Oil (TWh)	0.39	0.37	0.23	0.19	0.18
Gas (TWh)	0.33	0.72	0.86	0.87	0.79
Nuclear (TWh)	23.64	24.90	26.45	23.34	27.82
Renewables (TWh) (*)	30.55	36.16	38.33	33.07	33.04
Other (TWh) (***)	1.23	0.89	1.67	2.14	2.21
<b>Final Energy Consumption</b>	18.90	19.55	20.43	21.72	21.61
<b>by fuel/product</b>					
Solid fuels	0.34	0.18	0.14	0.15	0.12
Oil	12.06	11.97	12.31	12.10	11.97
Gas	1.54	2.08	2.29	2.64	2.57
Electricity	4.04	4.19	4.50	4.93	4.97
Renewables	0.53	0.66	0.64	1.27	1.34
Derived heat & Industrial waste	0.40	0.47	0.55	0.63	0.64
<b>by sector</b>					
INDUSTRY	3.36	3.60	3.97	4.10	4.14
TRANSPORT	6.16	6.31	7.24	7.01	7.10
HOUSEHOLDS	5.22	5.89	5.55	6.22	6.09
AGRICULTURE	0.20	0.27	0.14	0.13	0.14
SERVICES, ETC.	3.97	3.48	3.53	4.26	4.14
<b>Non-Energy Uses</b>	0.56	0.51	0.56	0.55	0.60
<b>CO<sub>2</sub> Emissions (Mt) (**)</b>	48	47	49	50	49
<b>Energy intensity (toe/M€ '00)</b>	101	101	95	93	94
<b>Carbon intensity</b>	1.93	1.90	1.88	1.84	1.75
<b>Import dependency, %</b>	60.5	55.5	54.4	60.4	57.3
<b>Energy per capita (kgoe/cap)</b>	3 633	3 488	3 587	3 585	3 717
<b>CO<sub>2</sub> per capita (kg/cap)</b>	7 007	6 636	6 738	6 606	6 514

Notes: (\*) not including pumping; (\*\*) Source: European Environment Agency, November 2008; Including Bunkers; (\*\*\*) Pumped Storage Plants and Other Power Stations; (\*\*\*\*) Electrical Energy and Industrial Waste.

## 2.8

## 2.8.1

## Gross Inland Consumption by Country (Mtoe)



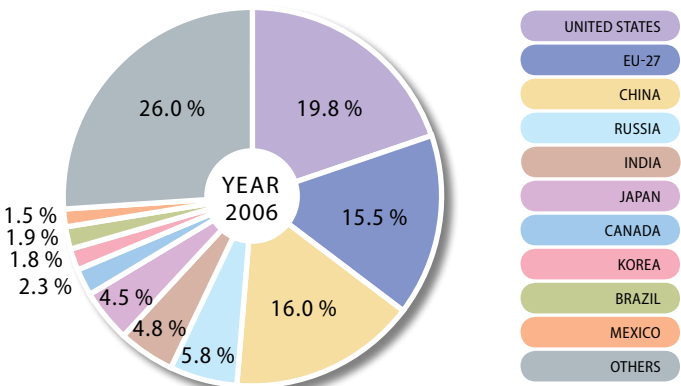
Notes: (\*) Including Hong Kong.

(\*\*) Source: Eurostat, December 2008.

## Gross Inland Consumption by Country

### SHARES in %

	WORLD	United States	EU-27 (**)	China (*)	Russia	India	Japan	Canada	Korea	Brazil	Mexico	Others
1990	100.0	22.0	19.0	9.9	10.0	3.7	5.1	2.4	1.1	1.6	1.4	24.0
1991	100.0	22.0	18.8	9.7	9.8	3.8	5.1	2.4	1.1	1.6	1.5	24.3
1992	100.0	22.4	18.4	10.0	8.9	3.9	5.2	2.4	1.3	1.6	1.5	24.4
1993	100.0	22.6	18.2	10.5	8.4	4.0	5.2	2.5	1.4	1.7	1.5	24.2
1994	100.0	22.9	18.0	10.9	7.3	4.1	5.4	2.5	1.5	1.7	1.5	24.2
1995	100.0	22.6	18.0	11.4	6.8	4.2	5.4	2.5	1.6	1.7	1.4	24.3
1996	100.0	22.6	18.1	11.5	6.6	4.2	5.4	2.5	1.7	1.8	1.4	24.2
1997	100.0	22.6	17.8	11.4	6.2	4.3	5.4	2.5	1.8	1.9	1.5	24.6
1998	100.0	22.7	17.9	11.3	6.0	4.4	5.3	2.5	1.7	1.9	1.5	24.8
1999	100.0	22.8	17.4	11.1	6.1	4.6	5.3	2.5	1.8	1.9	1.5	24.9
2000	100.0	22.9	17.2	11.0	6.1	4.6	5.2	2.5	1.9	1.9	1.5	25.1
2001	100.0	22.4	17.5	11.0	6.2	4.6	5.1	2.5	1.9	1.9	1.5	25.4
2002	100.0	22.2	17.1	11.6	6.0	4.7	5.0	2.4	2.0	1.9	1.5	25.6
2003	100.0	21.4	16.9	12.8	6.0	4.6	4.8	2.5	1.9	1.9	1.5	25.6
2004	100.0	20.9	16.4	14.2	5.8	4.7	4.8	2.4	1.9	1.9	1.5	25.6
2005	100.0	20.4	15.9	15.0	5.7	4.7	4.6	2.4	1.9	1.9	1.5	25.9
2006	100.0	19.8	15.5	16.0	5.8	4.8	4.5	2.3	1.8	1.9	1.5	26.0



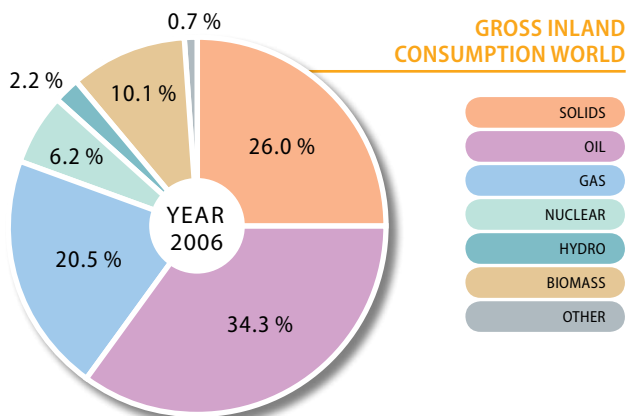
Notes: (\*) Including Hong Kong.

(\*\*) Source: Eurostat, December 2008.

## Gross Inland Consumption by Fuel / Product (2006)

in Mtoe	ALL PRODUCTS	Solids	Oil	Gas	Nuclear	Hydro	Biomass	Other
United states	2 321	551	937	501	213	25	80	14
EU-27 (**)	1 825	325	673	438	255	27	90	18
Japan	528	112	241	77	79	7	7	4
Russia	676	106	139	359	41	15	7	8
China (*)	1 879	1 207	344	47	14	37	225	3
India	566	223	136	31	5	10	160	1
Korea	217	53	94	29	39	0	2	0
Brazil	224	13	90	18	4	30	66	4
Canada	270	28	95	79	26	31	13	-1
Mexico	177	9	101	49	3	3	8	6
Others	3 058	423	1 179	780	50	76	526	24
World	11 740	3 049	4 029	2 408	728	261	1 185	80

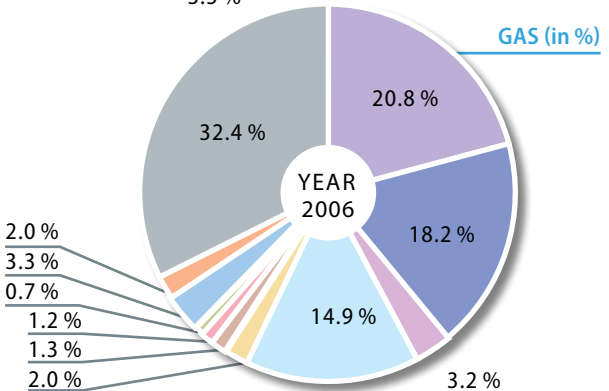
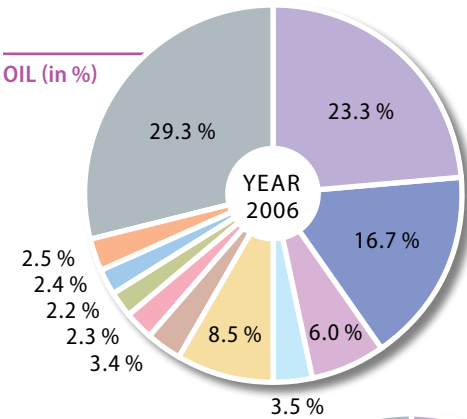
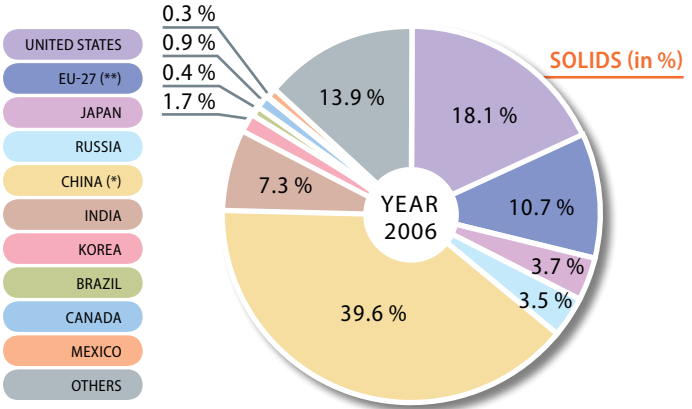
in %	ALL PRODUCTS	Solids	Oil	Gas	Nuclear	Hydro	Biomass	Other
United states	100.0	23.7	40.4	21.6	9.2	1.1	3.4	0.6
EU-27 (**)	100.0	17.8	36.9	24.0	14.0	1.5	4.9	1.0
Japan	100.0	21.3	45.6	14.7	15.0	1.4	1.3	0.7
Russia	100.0	15.7	20.6	53.0	6.1	2.2	1.1	1.3
China (*)	100.0	64.2	18.3	2.5	0.8	2.0	12.0	0.2
India	100.0	39.4	24.1	5.5	0.9	1.7	28.3	0.2
Korea	100.0	24.3	43.2	13.3	17.9	0.1	1.1	0.0
Brazil	100.0	5.7	40.2	7.8	1.6	13.4	29.6	1.7
Canada	100.0	10.2	35.3	29.5	9.5	11.3	4.7	-0.5
Mexico	100.0	4.9	56.8	27.4	1.6	1.5	4.6	3.3
Others	100.0	13.8	38.6	25.5	1.6	2.5	17.2	0.8
World	100.0	26.0	34.3	20.5	6.2	2.2	10.1	0.7



Notes: (\*) Including Hong Kong.

(\*\*) Source: Eurostat, December 2008.

# Gross Inland Consumption by Fuel / Product GRAPHS

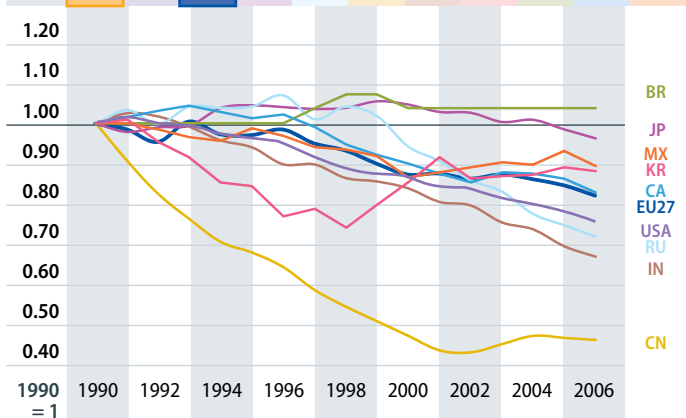


**Notes:** (\*) Including Hong Kong.  
(\*\*) Source: Eurostat, December 2008.

## Energy Intensity

toe / mio €

	WORLD	United States	EU-27 (**)	Japan	Russia	China (*)	India	Korea	Brazil	Canada	Mexico
1990	471	357	215	141	2 982	2 538	1 557	2 786	366	504	390
1991	471	361	212	138	3 087	2 302	1 596	2 812	366	513	390
1992	458	356	205	140	3 283	2 093	1 583	2 655	366	521	384
1993	458	354	216	140	3 427	1 936	1 543	2 551	366	527	377
1994	445	347	209	146	3 414	1 792	1 491	2 381	366	520	373
1995	445	342	209	147	3 427	1 727	1 465	2 354	366	512	386
1996	445	338	212	147	3 519	1 635	1 400	2 145	366	516	378
1997	432	327	205	146	3 322	1 491	1 400	2 197	379	500	367
1998	432	317	201	146	3 427	1 386	1 347	2 067	392	477	365
1999	419	311	194	149	3 349	1 295	1 334	2 224	392	466	359
2000	419	308	188	148	3 100	1 203	1 308	2 381	379	455	338
2001	405	300	188	145	2 982	1 112	1 256	2 551	379	442	343
2002	405	299	186	145	2 825	1 099	1 243	2 407	379	430	348
2003	419	291	188	141	2 734	1 151	1 177	2 420	379	443	352
2004	419	287	185	142	2 551	1 203	1 151	2 433	379	441	350
2005	419	280	182	139	2 459	1 190	1 086	2 485	379	436	364
2006	405	269	177	136	2 367	1 177	1 046	2 459	379	418	349



Notes: (\*) Including Hong Kong.

(\*\*) Source: Eurostat.

# PART 3

# TRANSPORT



## PART 3 SUMMARY

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## Statistical Overview EU Transport

### Gross Value Added:

With more than € 400 billion in Gross Value Added (GVA), the provision of transport services (incl. storage, warehousing and other auxiliary activities) accounted for about 4.2% of total GVA in the EU27 in 2006. It should be noted, however, that this figure only includes the GVA of companies whose main activity is the provision of transport (and transport-related) services and that own account transport operations are not covered.

### Employment:

In 2006, the transport services sector in what is now the EU27 employed about 8.9 million persons, some 4.3% of the total workforce. Almost two thirds (63%) of them worked in land transport (road, rail, inland waterways), 2% in sea transport, 5% in air transport and 30% in supporting and auxiliary transport activities (such as cargo handling, storage and warehousing, travel and transport agencies, tour operators).

### Household expenditure:

In 2007, private households in the EU27 spent € 949 billion or roughly 13.7% of their total consumption on transport-related items. About one third of this sum (around € 310 billion) was used to purchase vehicles, almost half (€ 470 billion) was spent on the operation of personal transport equipment (e.g. to buy fuel for the car) and the remainder (€ 169 billion) was spent for transport services (e.g. bus, train, plane tickets).

### Goods transport:

In 2007, total goods transport activities in the EU27 are estimated to have amounted to 4 228 billion tkm. This figure includes intra-EU air and sea transport but not transport activities between the EU and the rest of the world. Road transport accounted for 45.6% of this total, rail for 10.7%, inland waterways for 3.3% and oil pipelines for 3.0%. Intra-EU maritime transport was the second most important mode with a share of 37.3% while intra-EU air transport only accounted for 0.1% of the total.

### Passenger transport:

In 2007, total passenger transport activities in the EU27 by any motorised means of transport are estimated to have amounted to 6 473 billion pkm or on average 13 092 km per person. This figure includes intra-EU air and sea transport but not transport activities between the EU and the rest of the world. Passenger cars accounted for 72.4% of this total, powered two-wheelers for 2.4%, buses & coaches for 8.3%, railways for 6.1% and tram & metro for 1.3%. Intra-EU air and intra-EU maritime transport contributed 8.8% and 0.6% respectively.

### Safety:

**Road:** 42 448 persons were killed in road accidents (fatalities within 30 days) in 2007, 1.2% fewer than in 2006 (when 42 952 people lost their lives). In comparison with 2000, the number of road fatalities was lower by almost a quarter (24.8%).

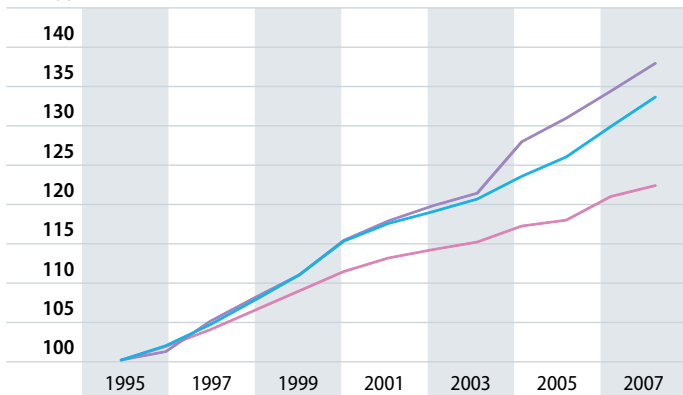
**Rail:** 76 passengers lost their lives in 2007; this figure does not include casualties among railway employees or other people run over by trains.

**Air:** While 2007 was relatively safe (3 air passengers died over EU territory and 4 passengers died on board an EU carrier throughout the world), the number of air fatalities was again in the 3-digits in 2008 when 161 people were killed in air crashes over EU territory (the same number lost their lives while being carried by EU operators worldwide). 154 of them died in just one crash at Madrid Barajas airport in August 2008.

## Transport Growth EU-27

YEAR  
1995  
= 100

### PASSENGERS, GOODS, GDP 1995-2007



PASSENGERS (1) (pkm)

GOODS (2) (tkm)

GDP (at constant 2000 prices)

### ANNUAL GROWTH RATES EU-27

	1995-2007 p.a.	2006-2007
GDP at year 2000 prices and exchange rates	2.5%	2.9%
Passenger transport (pkm)	1.7%	1.2%
Freight transport (tkm)	2.7%	2.6%

**Notes:** GDP: at constant year 2000 prices and exchange rates.

(1) Passenger cars, powered two-wheelers, buses & coaches, tram & metro, railways, intra-EU air, intra-EU sea.

(2) Road, rail, inland waterways, oil pipelines, intra-EU air, intra-EU sea.

## Road Transport

### SPEED LIMITS, BLOOD ALCOHOL LIMITS

	SPEED LIMIT, CARS (IN GENERAL), km/h:			Blood alcohol limit, grams of alcohol in 1 litre of blood
	Built-up areas	Outside built-up areas	Motorways	
BE	30-50	90-120	120	0.5
BG	50	90	130	0.5
CZ	50	90	130	0.0
DK	50	80	110-130	0.5
DE	30-50	100	(130)	0.5
EE	50	90-110	110	0.2
IE	50	80-100	120	0.8
EL	50	90-110	130	0.5
ES	50	90-100	120	0.5
FR	50	80-110	110-130	0.5
IT	50	90-110	130-150	0.5
CY	50	80	100	0.5
LV	50	90	110	0.5
LT	50	70-90	110-130	0.4
LU	50	90	130	0.5
HU	50	90-110	130	0.0
MT	50	60-80	-	0.8
NL	30-50-70	80-100	100-120	0.5
AT	50	100	130	0.5
PL	50-60	90-110	130	0.2
PT	50	90-100	120	0.5
RO	50	90-100	130	0.0
SI	30-50	90-100	130	0.5
SK	50	90	130	0.0
FI	40-50	80-100	100-120	0.5
SE	30-50	70-90	100-120	0.2
UK	32-48	96-112	112	0.8
HR	50	90-100	130	0.0
MK	60	80-100	120	0.5
TR	50	90	130	0.5
IS	30-50	80-90	-	0.5
NO	30-50-70	80	90-100	0.2
CH	30-50	80	120	0.5

**Notes:** UK, IE, CY and MT drive on the left hand side of the road, the other Member States on the right hand side (SE since 3.9.1967).

Signs in UK are in miles per hour.

The higher figure shown in the 'outside built-up areas' column generally refers to the speed limit on dual carriageways that are not motorways.

**Speed limits:**

DE: Motorways: No general speed limit, recommended speed limit is 130 km/h (more than half the network has a speed limit of 120 km/h or less).

FR: Dual carriageways 110 km/h. If road is wet: motorways 110 km/h, dual carriageways 90 km/h, other roads outside built-up areas 80 km/h.

IT: 150 km/h on certain 2x3 lane motorways.

FI: in winter 100 km/h on motorways, 80 km/h on other roads.

PL: Built-up areas: 50 km/h from 05h00 to 23h00, 60 km/h from 23h00 to 05h00

**Blood alcohol limits:**

In many countries, special (more restrictive) rules apply to novice (i.e. new, unexperienced) and professional drivers.

## Road Transport

### MAXIMUM GROSS VEHICLE WEIGHT

tonnes	WEIGHT PER BEARING AXLE	WEIGHT PER DRIVE AXLE	LORRIES		ROAD TRAIN		ARTICULATED VEHICLES
			2 axles	3 axles	4 axles	5 axles and more	5 axles and more
BE	10	12	19	26	39	44	44 (2)
BG	10	11.5	18	26 (1)	36	40	40
CZ	10	11.5	18	26 (1)	36	44 (1)	42 - 48
DK	10	10 / 11.5 (3)	18	24 / 26 (1) (3)	38	42 - 48	42 - 48
DE	10	11.5	18	26 (1)	36	40	40
EE	10	11.5	18	26 (1)	36	40	40
IE	10	10.5	17	26 (1)	35	40	40
EL	10	11.5	18	26 (1)	36	40	40
ES (*)	10	11.5	18	26 (1)	36	40	40
FR	13	13	19	26	38	40	40
IT (*)	12	12	18	26 (1)	40	44	44
CY							
LV	10	11.5	18	26 (1)	40	40	40
LT	10	11.5	18	26 (1)	36	40	40
LU	10	12	19	26	44	44	44
HU	10	11	20	24	36	40	40
MT	10.8	11.5	18	25	36	40	40
NL	10	11.5	21.5	33	40	50	50
AT	10	11.5	18	26	36	40	40
PL	10	11.5	18	26 (1)	36	40	40
PT (*)	10	12	19	26	37	40	40
RO	10	11.5	18	26 (1)	36	40	40
SI	10	11.5	18	25		40	40
SK	10	11.5	18	26 (1)	40	40	40
FI	10	11.5	18	26 (1)	36	44	42 - 48
SE	10	11.5	18	26 (1)	38	48 - 60 (4)	48 - 60 (4)
UK	10	11.5	18	26 (1)	36	40	40 - 44
HR	10	11.5	18	26 (1)	36	40	40
MK	10		16	22	36	40	40
TR	10	11.5	18	25 (5)	36	40	40 (6)
IS	10	11.5	18	26 (1)	37	40	44
NO	10	11.5	19	26	37	46	44
CH	10	11.5	18	26 (1)	36	40	40
LI	10	11.5	18	26	36	40	40

**Notes:** An articulated vehicle consists of a road tractor coupled to a semi-trailer.  
 A road train is a goods road motor vehicle coupled to one or more trailers.  
 (\*) ES, IT and PT: increased values are applicable for certain types of transport (e.g. containers, cars, etc.).

(1) For axles equipped with air suspension or equivalent.

(2) 2 axles tractor + 3 axles semi-trailer: mechanical suspension = 43t, pneumatic suspension = 44t.

(3) national traffic / international traffic.

(4) 5 axles = 48t; 6 axles = 58t; 7 axles = 60t.

(5) 26 t where the driving axle is fitted with twin tyres and equipped with air suspension or equivalent.

(6) 44t for containers in combined transport operations.

## Employment by Mode of Transport 2006

	TOTAL	ROAD freight transport	ROAD passenger transport	Railways	Pipelines	Inland water transport	Sea transport	Air transport	Travel agencies & tour operators	Other (*) auxiliary transport activities
EU-27	8884010	2832404	1840000	900000	17926	43492	171440	407062	484960	2186726
EU-15	7045599	2217748	1414686	528258	5675	35199	154429	377189	418923	1893492
EU-12	1838411	614656	425314	371742	12251	8293	17011	29873	66037	293234
BE	193772	63082	33306	35046	100	933	825	5578	7949	46953
BG	145803	37918	25354	31834	0	1562	4000	2470	6015	36650
CZ	265922	103372	46848	63450	110	250	0	6788	11231	33873
DK	137941	41123	30973	9238	100	142	14980	5653	6334	29398
DE	1317644	309494	292406	79264	846	9279	24592	55544	63619	482600
EE	37235	13849	6131	3430	0	93	1000	728	1859	10145
IE	64052	13746	8493	8523	0	50	4950	6687	6048	15555
EL	195310	44625	76675	7574	75	0	18402	3791	14391	29777
ES	888270	393085	171274	20810	0	256	7156	40393	56783	198513
FR	1125058	348956	219964	171500	961	3595	13744	72397	42381	251560
IT	968491	339407	150820	65606	3034	2880	25099	23481	45588	312576
CY	19642	2415	2426	0	0	0	4725	2435	2913	4728
LV	68229	18413	14842	14841	377	20	731	1110	2125	15770
LT	85571	36571	18632	10900	79	145	1635	829	3104	13676
LU	19980	7449	2688	3030	0	100	54	3776	642	2241
HU	203376	67818	53026	44206	577	1218	30	2667	6322	27512
MT	10385	811	1473	0	0	0	734	2279	1771	3317
NL	351835	122950	37500	38281	120	13219	6996	36000	22927	73842
AT	193369	60232	47271	14833	108	434	11	9326	10850	50304
PL	590438	224808	148702	120780	3332	1254	2858	5551	17599	65554
PT	160422	64801	37034	4615	50	1341	1081	9705	9580	32215
RO	292710	76417	85053	42301	7589	2941	1068	3528	8604	65209
SI	43015	19518	8000	5000	22	34	230	674	1968	7569
SK	76085	12746	14827	35000	165	776	0	814	2526	9231
FI	119290	40541	25460	7866	0	214	7419	7253	4832	25705
SE	225002	71027	58826	8188	0	1145	14506	7477	12449	51384
UK	1085163	297230	221996	53884	281	1611	14614	90128	114550	290869

**Notes:** (\*) Cargo handling and storage, other supporting activities, activities of other transport agencies.  
The above figures refer to employment only in those companies whose main activity lies in the mode concerned.  
Economic activity according to NACE Rev. 1.1 classification.  
CY: 2005, MT: 2002.

## Number of Enterprises by Mode of Transport – 2006

	TOTAL	ROAD freight transport	ROAD passenger transport	Railways	Pipelines	Inland water transport	Sea transport	Air transport	Travel agencies & tour operators	Other (*) auxiliary transport activities
EU-27	1 141 000	600 000	329 758	888	131	8 800	10 150	3 450	78 227	109 596
EU-15		439 019	241 985				9 632	3 062	57 322	86 858
EU-12		160 981	87 773				518	388	20 905	22 738
BE		7 511	2 069			303	107	161	1 230	2 434
BG	17 760	7 660	7 051	5	0	16	8	26	1 246	1 748
CZ	45 441	26 044	9 258	55	2	87	0	28	6 122	3 845
DK	13 372	7 124	3 719	12	3	34	398	51	607	1 424
DE	85 740	33 985	24 227	239	38	1 151	1 560	422	9 617	14 501
EE	3 422	1 981	233	10	0	1	18	7	328	844
IE		6 913	341			0	114	25	278	797
EL		21 299	35 063			0	3 019	17	3 415	7 884
ES	222 381	133 912	65 600	7	0	40	194	69	9 092	13 467
FR	92 498	41 592	36 319	27	25	1 186	725	395	5 088	7 141
IT	151 409	97 810	22 997	38	14	766	738	253	11 397	17 396
CY	4 027	1 481	1 403	0	0	0	57	5	508	573
LV	4 701	2 311	696	14	2	7	27	17	453	1 174
LT	6 523	3 329	1 247	3	2	12	16	15	968	931
LU	911	445	172	1		22	7	17	93	154
HU	33 344	18 756	9 232	16	4	95	8	92	1 783	3 358
MT	2 438	346	1 007	0	0	0	154	19	669	243
NL	23 850	9 370	4 470	15	10	3 190	490	195	2 460	3 650
AT	15 106	7 147	4 918	26	6	73	9	157	1 552	1 218
PL	137 697	76 398	47 789	92	5	541	142	80	5 664	6 986
PT	28 014	12 119	11 765	1	4	333	199	71	1 586	1 936
RO	28 610	15 209	8 841	89	3	136	50	54	2 248	1 980
SI	8 367	6 382	888	8		26	38	32	464	529
SK		1 084	128			8	0	13	452	527
FI	23 279	11 054	9 158	5	0	77	244	66	1 144	1 531
SE	31 029	14 652	9 122	35	0	470	652	208	2 937	2 953
UK	65 809	34 086	12 045	97	10	242	1 176	955	6 826	10 372

**Notes:** (\*) Cargo handling and storage, other supporting activities, activities of other transport agencies.

The above figures refer to the number only of those enterprises whose main activity lies in the mode concerned.

Economic activity according to NACE Rev. 1.1 classification.

CY: 2005, MT: 2002.

## Turnover by Mode of Transport 2006 (mio €)

	TOTAL	ROAD freight transport	ROAD passenger transport	Railways	Pipelines	Inland water transport	Sea transport	Air transport	Travel agencies & tour operators	Other (*) auxiliary transport activities
EU-27	1 210 000	280 000	91 000	78 000	8 100	5 500	90 000	120 000	153 193	384 202
EU-15		248 523	83 728						146 825	359 578
EU-12		31 477	7 272						6 368	24 624
BE		10 538	1 816			307	3 602	2 503	5 847	16 535
BG		1 240	352		0			383	217	995
CZ		6 112	886				0		1 618	4 830
DK		5 874	2 428			48	19 403		3 003	8 738
DE	198 470	28 213	14 927	15 853	1 784	1 735	24 172	13 879	19 803	78 104
EE	3 264	855	102	208	0			140	146	1 812
IE		2 433	606						2 040	3 289
EL		2 694	2 446				2 066	1 174	1 586	2 833
ES	108 156	36 352	7 938	1 831	0	11	1 852	9 498	17 860	32 815
FR		37 883	14 938			552	8 767	18 245	12 792	54 119
IT	135 762	43 128	6 919	5 650	2 174	206	10 673	11 852	11 045	44 116
CY	1 256	85	75	0	0	0	255	423	117	301
LV		796	158			0	53	206	226	1 447
LT		1 793	248			4	139	114	183	1 113
LU	4 245	1 035	155	395	0	6	27	1 716	267	644
HU	12 435	3 629	1 062	1 307	282	59	3	837	881	4 377
MT	953	39	42	0	0	0	50	349	198	275
NL		17 665	2 848			1 887	5 113	9 334	5 660	20 905
AT	35 833	8 057	3 176	2 413	365	107	9	3 291	4 052	14 364
PL	27 823	11 688	2 875	3 718	903	107	425	1 128	1 591	5 387
PT		4 586	1 223			37	552	2 824	2 623	5 102
RO	8 681	2 985	1 022	1 102	335	103	80	398	487	2 169
SI	3 809	1 641	185	416		1	64	174	411	917
SK		614	266			30	0	186	293	1 000
FI	18 661	5 075	1 685	807	0	19	1 937	2 413	1 403	5 321
SE	43 980	8 365	5 585	1 509	0	139	4 235	3 442	6 614	14 091
UK	213 592	36 625	17 038	10 475	641	112	9 544	28 325	52 230	58 602

**Notes:** (\*) Cargo handling and storage, other supporting activities, activities of other transport agencies.  
The above figures refer to the turnover only of those companies whose main activity lies in the mode concerned.  
Economic activity according to NACE Rev. 1.1 classification.  
CY: 2005, MT: 2002.

## Final Consumption of Households for Transport

### BY TYPE OF EXPENDITURE – 2007 (\*)

	FINAL CONSUMPTION OF HOUSEHOLDS FOR TRANSPORT	of which:			TRANSPORT AS A % OF TOTAL FINAL CONSUMPTION OF HOUSEHOLDS	EXPENDITURE PER HEAD ON TRANSPORT
		purchase of personal transport equipment	operation of personal transport equipment	purchased transport services		
EU-27	948 691	310 014	469 501	169 175	13.7	1 900
EU-15	884 766	292 847	436 701	155 219	13.7	2 300
EU-12						
BE	24 591	9 971	13 014	1 605	14.6	2 300
BG	2 902	362	1 611	929	18.0	400
CZ	7 261	2 195	3 752	1 314	11.4	700
DK	14 981	6 895	6 888	1 198		2 700
DE	182 200	66 680	83 290	32 230	14.0	2 200
EE	1 074	256	595	223	12.6	800
IE	10 218	4 277	3 749	2 192		2 300
EL	18 405	7 642	6 721	4 042	10.9	1 600
ES	69 472	23 743	34 020	11 709	11.9	1 600
FR	153 181	39 622	91 810	21 750	14.5	2 400
IT	122 861	36 037	70 042	16 782	13.4	2 100
CY	1 910	863	599	447	15.9	2 400
LV	1 602	489	782	331	12.5	700
LT	3 092	566	2 012	515	17.0	900
LU	2 601	1 006	1 493	102	19.1	5 400
HU	8 471	2 935	4 340	1 196	15.6	800
MT	506	145	250	111	13.5	1 200
NL	30 866	9 139	16 828	4 899	11.9	1 900
AT	18 728	5 465	9 644	3 619	12.8	2 300
PL	14 242	3 665	6 744	3 834	8.6	400
PT	14 371	5 262	7 262	1 847	14.0	1 400
RO	11 927	2 653	6 482	2 792	18.0	600
SI	3 080	1 192	1 678	210	16.2	1 500
SK	2 091	598	993	501	8.3	400
FI	10 264	3 029	5 228	2 007	11.8	1 900
SE	20 864	6 206	11 577	3 080		2 300
UK	159 077	56 529	62 062	40 486	15.0	2 700

Notes: (\*) ES, PL, PT, RO, SK: 2006; BG: 2005; UK: 2004.

EU-totals all refer to 2007, therefore the sum of the country rows does not add up to the total..



## EU-27: Evolution of Consumer Prices for Passenger Transport

### HARMONISED INDEX OF CONSUMER PRICES

YEAR 2005 =100	ALL ITEMS	TRANSPORT	PURCHASE OF VEHICLES	of which:	
				Motor cars	Motorcycles, bicycles and animal drawn vehicles
2007	104.7	105.6	101.6	101.7	100.3
2006	102.3	103.0	100.6	100.7	99.5
2005	100.0	100.0	100.0	100.0	100.0
2004	97.8	95.7	99.7	99.6	100.4
2003	95.6	92.6	98.9	98.7	100.3
2002	93.6	90.2	97.8	97.6	100.4
2001	91.3	88.6	96.6	96.4	99.4
2000	88.5	87.3	96.1	96.0	97.3
1999	85.5	82.5	96.3	96.4	95.8

YEAR 2005 =100	OPERATION OF PERSONAL TRANSPORT EQUIPMENT	of which:			
		Spare parts and accessories for personal transport equipment	Fuels and lubricants for personal transport equipment	Maintenance and repair of personal transport equipment	Other services in respect of personal transport equipment
2007	107.5	105.8	108.1	107.9	104.9
2006	104.3	102.5	105.5	103.7	102.2
2005	100.0	100.0	100.0	100.0	100.0
2004	93.7	97.7	90.6	96.3	97.8
2003	89.3	95.4	84.9	92.4	95.9
2002	86.5	94.2	82.2	88.7	93.2
2001	85.1	92.6	82.4	85.0	90.7
2000	84.7	91.6	84.2	81.6	88.3
1999	77.6	91.5	71.8	79.3	86.7

YEAR 2005 =100	TRANSPORT SERVICES	of which:					
		Passenger transport by railway	Passenger transport by road	Passenger transport by air	Passenger transport by sea and inland waterway	Combined passenger transport	Other purchased transport services
2007	106.6	108.4	107.8	100.3	113.2	107.0	105.7
2006	103.2	103.4	103.8	100.7	106.2	103.6	102.6
2005	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2004	95.4	96.5	95.5	94.5	100.2	96.5	97.8
2003	92.3	93.2	92.0	93.4	102.3	92.2	95.2
2002	89.0	90.4	88.0	91.8	99.6	89.3	93.1
2001	85.8	86.8	84.6	89.5	95.2	86.3	90.0
2000	81.9	83.9	80.2	84.5	90.8	82.8	85.6
1999	79.3	82.1	76.8	83.2	86.7	79.7	83.2

## External Trade by Mode of Transport 2007

### VALUE (billion €)

					EXTRA EU-27	
	EXPORT		IMPORT		EXPORT + IMPORT	
Sea	560.2	45.1%	736.9	51.4%	1 297.1	48.5%
Road	281.2	22.6%	181.8	12.7%	462.9	17.3%
Rail	21.6	1.7%	18.4	1.3%	40.0	1.5%
Inland waterway	4.9	0.4%	4.0	0.3%	8.8	0.3%
Pipeline	3.5	0.3%	87.4	6.1%	90.9	3.4%
Air	321.1	25.9%	262.9	18.3%	584.0	21.8%
Other/unknown (*)	49.1	4.0%	142.5	9.9%	191.5	7.2%
<b>TOTAL</b>	<b>1 241.4</b>	<b>100.0%</b>	<b>1 433.8</b>	<b>100.0%</b>	<b>2 675.2</b>	<b>100.0%</b>

### WEIGHT (million tonnes)

					EXTRA EU-27	
	EXPORT		IMPORT		EXPORT + IMPORT	
Sea	373.0	72.8%	1 275.1	70.8%	1 648.1	71.3%
Road	83.8	16.4%	60.1	3.3%	143.9	6.2%
Rail	23.7	4.6%	78.1	4.3%	101.8	4.4%
Inland waterway	8.8	1.7%	17.0	0.9%	25.8	1.1%
Pipeline	3.8	0.7%	269.2	15.0%	273.0	11.8%
Air	11.5	2.2%	4.1	0.2%	15.7	0.7%
Other/unknown (*)	7.6	1.5%	96.8	5.4%	104.4	4.5%
<b>TOTAL</b>	<b>512.3</b>	<b>100.0%</b>	<b>1 800.4</b>	<b>100.0%</b>	<b>2 312.7</b>	<b>100.0%</b>

**Notes:** (\*) Self propulsion + post + mode of transport unknown.  
Data for intra-EU trade are no longer available by mode of transport used.

## Comparison EU-27 – World INFRASTRUCTURE AND VEHICLES

TRANSPORT INFRASTRUCTURE					
	EU-27	USA	JAPAN	CHINA	RUSSIA
	2006	2006	2006	2006	2006
<b>1 000 km</b>					
<b>Road network (paved)</b>	5 000	6 463	1 190	2 283	755
<b>Motorway network</b>	63.4	95.3 (1)	7.4 (2)	45.3	29.0
<b>Railway network</b>	215.9	203.6 (3)	27.6	77.1	85.5
<b>Electrified rail lines</b>	108.2		15.7	23.4	42.3
<b>Navigable inland waterways</b>	43.0	41.8	1.8	123.4	102.0
<b>Oil Pipelines</b>	33.6	272.5	0.2	24.1 (4)	46.7 (5)

VEHICLE STOCK						
	EU-27	USA	JAPAN	CHINA	RUSSIA	
	2007	2006	2007	2007	2007	
<b>Passenger cars stock</b>	million	229.8	234.5 (6)	68.9 (7)	38.5	26.8
<b>Motorization</b>	cars / 1 000 persons	464	783	539	29	188
<b>Commercial freight vehicles</b>	million	33.19	8.82	6.88	24.54	5.25

TRANSPORT SAFETY						
	EU-27	USA	JAPAN	CHINA	RUSSIA	
	2007	2007	2007	2007	2007	
<b>Road fatalities</b>	number	42 448	41 059	5 744	81 649	33 300
	per million inhabitants	86	137	45	62	234

- Notes:** (1) USA: 2007: divided highways with 4 or more lanes (rural or urban interstate, freeways, expressways, arterial and collector) with full access control by the authorities.  
 (2) Japan: national expressways. Length of roads with a central zone: 17 000 km.  
 (3) USA: a sum of overlapping networks.  
 (4) China: 2007: Crude oil pipelines. Refined oil pipelines: 2005: 5 443 km.  
 (5) Russia: Oil pipelines. Oil products pipelines= 16 000 km.  
 (6) USA: all 2-axle 4-tyre vehicles.  
 (7) Japan: including minicars (engine capacity up to 660 cubic centimetres), 27.4 million.

## Comparison EU-27 – World

### PASSENGER AND FREIGHT TRANSPORT

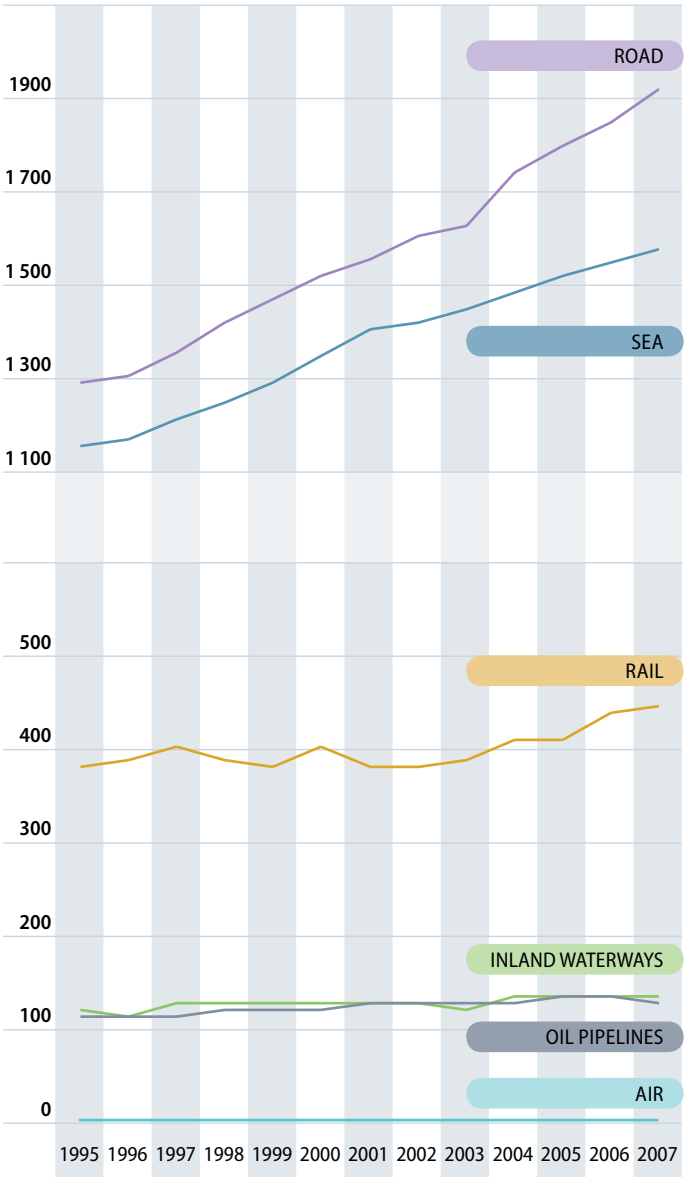
PASSENGER TRANSPORT					
	EU-27	USA	JAPAN	CHINA	RUSSIA
billion pkm	2007	2006	2006	2006	2007
Passenger car	4 688.0	7 317.1 (1)	724.0 (2)	1 013.1 (3)	
Bus + trolley-bus + coach	539.0	275.4	89.0		127.9
Railway	394.6	23.7	396.0	662.2	174.1
Tram + metro	85.4	19.7			51.3
Waterborne	41.0	0.6	3.8	7.4	1.1
Air (domestic / intra-EU-27)	571.0	950.5	86.0	237.1	111.0

FREIGHT TRANSPORT					
	EU-27	USA	JAPAN	CHINA	RUSSIA
billion tkm	2007	2006	2006	2006	2007
Road	1 927.4	1 889.9	347.0	975.4	206.0
Rail	452.2	2 705.1	23.0	2 195.4	2 090.0
Inland waterways	141.1	486.0		1 290.9	84.0
Oil pipeline	128.9	853.6		166.4	2 465.0
Sea (domestic / intra-EU-27)	1 575.0	331.6	208.0	4 257.7	62.0

**Notes:** (1) USA: including light trucks / vans.  
 (2) Japan: including light vehicles.  
 (3) China: including buses and coaches.

## EU-27 Performance by Mode for Freight Transport – 1995-2007

billion tonne-kilometres



## EU-27 Performance by Mode

### FREIGHT TRANSPORT

thousand mio tonne-kilometres							
	ROAD	RAIL	INLAND WATER- WAYS	PIPE- LINES	SEA	AIR	TOTAL
1995	1 289	386	122	115	1 150	2.0	3 064
1996	1 303	392	120	119	1 162	2.1	3 098
1997	1 352	410	128	118	1 205	2.3	3 215
1998	1 414	393	131	125	1 243	2.4	3 309
1999	1 470	384	129	124	1 288	2.5	3 397
2000	1 519	404	134	127	1 348	2.7	3 534
2001	1 556	386	133	132	1 400	2.7	3 610
2002	1 606	384	132	128	1 415	2.6	3 668
2003	1 625	392	124	130	1 444	2.6	3 718
2004	1 747	416	137	132	1 485	2.8	3 920
2005	1 800	414	139	136	1 520	2.9	4 012
2006	1 855	440	139	135	1 548	3.0	4 120
2007	1 927	452	141	129	1 575	3.1	4 228
1995-2007	49.6%	17.1%	15.6%	12.1%	37.0%	55.0%	38.0%
per year	3.4%	1.3%	1.2%	1.0%	2.7%	3.7%	2.7%
2006-2007	3.9%	2.7%	1.9%	-4.7%	1.7%	3.3%	2.6%

### MODAL SPLIT

(%)							
	ROAD	RAIL	INLAND WATER- WAYS	PIPE- LINES	SEA	AIR	
1995	42.1	12.6	4.0	3.8	37.5	0.1	
1996	42.0	12.7	3.9	3.9	37.5	0.1	
1997	42.0	12.7	4.0	3.7	37.5	0.1	
1998	42.7	11.9	4.0	3.8	37.6	0.1	
1999	43.3	11.3	3.8	3.7	37.9	0.1	
2000	43.0	11.4	3.8	3.6	38.1	0.1	
2001	43.1	10.7	3.7	3.7	38.8	0.1	
2002	43.8	10.5	3.6	3.5	38.6	0.1	
2003	43.7	10.5	3.3	3.5	38.8	0.1	
2004	44.6	10.6	3.5	3.4	37.9	0.1	
2005	44.9	10.3	3.5	3.4	37.9	0.1	
2006	45.0	10.7	3.4	3.3	37.6	0.1	
2007	45.6	10.7	3.3	3.0	37.3	0.1	

**Notes:** Air and Sea: only domestic and intra-EU-27 transport; provisional estimates.  
Road: national and international haulage by vehicles registered in the EU-27.

## EU-27 Performance by Mode

### FREIGHT TRANSPORT FOR INLAND MODES

thousand mio tonne-kilometres					
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
1995	1 289	386	122	115	1 912
1996	1 303	392	120	119	1 934
1997	1 352	410	128	118	2 007
1998	1 414	393	131	125	2 063
1999	1 470	384	129	124	2 107
2000	1 519	404	134	127	2 183
2001	1 556	386	133	132	2 207
2002	1 606	384	132	128	2 250
2003	1 625	392	124	130	2 271
2004	1 747	416	137	132	2 432
2005	1 800	414	139	136	2 489
2006	1 855	440	139	135	2 569
2007	1 927	452	141	129	2 650
1995-2007	49.6%	17.1%	15.6%	12.1%	38.6%
per year	3.4%	1.3%	1.2%	1.0%	2.8%
2006-2007	3.9%	2.7%	1.9%	-4.7%	3.2%

### MODAL SPLIT

(%)					
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	
1995	67.4	20.2	6.4	6.0	
1996	67.4	20.3	6.2	6.2	
1997	67.3	20.4	6.4	5.9	
1998	68.5	19.0	6.4	6.1	
1999	69.8	18.2	6.1	5.9	
2000	69.6	18.5	6.1	5.8	
2001	70.5	17.5	6.0	6.0	
2002	71.4	17.1	5.9	5.7	
2003	71.6	17.3	5.4	5.7	
2004	71.8	17.1	5.6	5.4	
2005	72.3	16.6	5.6	5.5	
2006	72.2	17.1	5.4	5.3	
2007	72.7	17.1	5.3	4.9	

**Notes:** Road: national and international haulage by vehicles registered in the EU-27.

## 3.2.4a PERFORMANCE OF FREIGHT TRANSPORT EXPRESSED IN TONNE-KILOMETRES

## Road NATIONAL HAULAGE

### HAULAGE BY VEHICLES REGISTERED IN THE COUNTRY

	thousand mio tkm					OF TOTAL HAULAGE	%
	1995	2000	2005	2006	2007		
<b>EU-27</b>		<i>1 088.8</i>	<i>1 232.5</i>	<i>1 250.4</i>	<i>1 300.0</i>	67.4	4.0
<b>EU-15</b>	<i>869.9</i>	<i>989.4</i>	<i>1 103.9</i>	<i>1 118.2</i>	<i>1 158.1</i>	75.4	3.6
<b>EU-12</b>		<i>99.5</i>	<i>128.6</i>	<i>132.2</i>	<i>141.8</i>	36.3	7.3
BE	18.62	19.75	19.28	19.62	19.65	46.7	0.2
BG		3.06	5.05	5.81	5.89	40.3	1.4
CZ		14.21	15.52	16.08	15.83	32.9	-1.6
DK	9.33	11.00	11.06	11.50	11.80	56.3	2.7
DE	201.30	226.53	237.62	251.38	261.44	76.1	4.0
EE	0.45	0.72	1.85	1.98	1.94	30.3	-1.9
IE	4.70	8.34	13.98	13.83	14.43	75.9	4.3
EL	<i>20.00</i>	<i>24.50</i>	<i>27.50</i>	<i>26.14</i>	<i>21.73</i>	78.2	-16.9
ES	78.74	106.94	166.39	174.59	190.61	73.6	9.2
FR	135.30	163.16	177.33	182.75	191.39	87.3	4.7
IT	150.30	158.25	171.59	155.81	<i>160.00</i>	83.4	2.7
CY		1.28	1.37	1.15	1.18	98.5	3.4
LV		1.48	2.73	2.72	3.01	22.8	10.6
LT		1.53	2.14	2.23	2.70	13.3	21.1
LU	0.53	0.42	0.49	0.54	0.55	5.7	0.7
HU		12.15	11.39	12.43	13.19	36.8	6.1
MT		<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	<i>0.20</i>	80.0	0.0
NL	26.68	31.54	31.83	31.01	30.69	39.4	-1.0
AT	11.07	12.39	12.51	14.44	14.74	39.4	2.1
PL		<i>48.00</i>	<i>60.94</i>	<i>59.42</i>	<i>65.77</i>	43.6	10.7
PT	<i>16.50</i>	<i>17.06</i>	17.45	17.54	18.32	39.6	4.4
RO		9.88	19.40	22.72	23.93	40.2	5.3
SI		1.90	2.36	2.28	2.57	18.7	12.9
SK		5.06	5.62	5.20	5.62	20.7	8.0
FI	21.80	27.72	27.82	25.47	25.96	87.1	1.9
SE	28.36	31.45	34.70	35.47	36.40	89.8	2.6
UK	146.71	150.34	154.40	158.16	160.43	93.6	1.4
HR		1.91	4.39	5.29	5.12	48.8	-3.2
MK							
TR	112.50	161.55	166.83	177.40	181.33		2.2
IS	<i>0.50</i>	<i>0.60</i>	0.74	0.79	0.83	100.0	5.0
NO		12.11	15.35	15.31	15.43	79.6	0.8
CH	8.36	8.93	9.33	9.67	10.03	89.8	3.7

Notes: Only haulage of heavy goods vehicles (usually >3.5 tonnes load capacity).



## Road

### INTERNATIONAL HAULAGE(\*)

#### HAULAGE BY VEHICLES REGISTERED IN THE COUNTRY

	thousand mio tkm					OF TOTAL HAULAGE	%
	1995	2000	2005	2006	2007		
<b>EU-27</b>		429.86	567.75	604.25	627.47	32.6	3.8
<b>EU-15</b>	<i>268.29</i>	<i>339.49</i>	<i>384.63</i>	<i>386.06</i>	<i>378.09</i>	24.6	-2.1
<b>EU-12</b>		90.37	183.13	218.19	249.38	63.7	14.3
BE	26.98	31.29	24.57	23.40	22.44	53.3	-4.1
BG		3.34	9.33	7.96	8.73	59.7	9.7
CZ		23.10	27.93	34.29	32.31	67.1	-5.8
DK	13.07	13.02	12.24	9.76	9.16	43.7	-6.1
DE	36.50	54.18	72.49	78.64	82.01	23.9	4.3
EE	1.10	3.22	3.98	3.57	4.48	69.7	25.4
IE	0.80	3.94	3.93	3.62	4.59	24.1	26.8
EL	4.00	4.50	5.00	7.87	6.06	21.8	-22.9
ES	22.86	41.78	66.84	67.20	68.26	26.4	1.6
FR	42.90	40.84	27.95	28.69	27.82	12.7	-3.0
IT	24.13	26.43	40.22	31.67	31.90	16.6	0.7
CY		0.03	0.02	0.02	0.02	1.5	-10.0
LV		3.31	5.66	8.04	10.20	77.2	26.9
LT		6.24	13.77	15.90	17.57	86.7	10.5
LU	4.97	7.20	8.31	8.26	9.01	94.3	9.1
HU		6.98	13.76	18.05	22.62	63.2	25.3
MT		0.05	0.05	0.05	0.05	20.0	0.0
NL	40.42	48.03	52.34	52.18	47.24	60.6	-9.5
AT	15.43	22.73	24.53	24.75	22.66	60.6	-8.5
PL		27.02	50.89	68.90	85.11	56.4	23.5
PT	15.50	21.85	25.16	27.30	27.88	60.4	2.2
RO		4.41	32.13	34.57	35.59	59.8	3.0
SI		3.40	8.67	9.83	11.16	81.3	13.5
SK		9.28	16.95	17.01	21.54	79.3	26.7
FI	2.70	4.26	4.04	4.25	3.86	12.9	-9.3
SE	3.24	4.17	3.87	4.44	4.15	10.2	-6.7
UK	14.79	15.28	13.14	14.03	11.05	6.4	-21.2
HR		0.95	4.94	4.88	5.38	51.2	10.2
MK							
TR							
IS							
NO		3.02	2.90	4.08	3.95	20.4	-3.2
CH <sup>(1)</sup>	0.75	0.86	0.99	1.08	1.14	10.2	6.3

**Notes:** (\*) Including cross-trade and cabotage;

Only haulage of heavy goods vehicles (usually >3.5 tonnes load capacity).

(1) CH: in contrast to the data for other countries, the Swiss data do not include that part of international journeys by Swiss hauliers that takes place outside Switzerland.

## Road

### NATIONAL AND INTERNATIONAL HAULAGE(\*)

#### HAULAGE BY VEHICLES REGISTERED IN THE COUNTRY

	thousand mio tkm					%
	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>	1 288.7	1 518.7	1 800.3	1 854.7	1 927.4	3.9
<b>EU-15</b>	1 138.2	1 328.9	1 488.6	1 504.3	1 536.2	2.1
<b>EU-12</b>	150.4	189.8	311.7	350.4	391.2	11.6
BE	45.60	51.05	43.85	43.02	42.09	-2.2
BG	5.20	6.40	14.37	13.77	14.62	6.2
CZ	31.30	37.31	43.45	50.38	48.14	-4.4
DK	22.40	24.02	23.30	21.25	20.96	-1.4
DE	237.80	280.71	310.10	330.02	343.45	4.1
EE	1.55	3.93	5.82	5.55	6.42	15.7
IE	5.50	12.28	17.91	17.45	19.02	9.0
EL	24.00	29.00	32.50	34.00	27.79	-18.3
ES	101.60	148.72	233.23	241.79	258.88	7.1
FR	178.20	204.00	205.28	211.45	219.21	3.7
IT	174.43	184.68	211.80	187.48	191.90	2.4
CY	1.20	1.31	1.39	1.17	1.20	3.2
LV	1.83	4.79	8.39	10.75	13.20	22.8
LT	5.20	7.77	15.91	18.13	20.28	11.8
LU	5.50	7.61	8.80	8.81	9.56	8.6
HU	13.80	19.12	25.15	30.48	35.81	17.5
MT	0.25	0.25	0.25	0.25	0.25	0.0
NL	67.10	79.57	84.16	83.19	77.92	-6.3
AT	26.50	35.12	37.04	39.19	37.40	-4.6
PL	51.20	75.02	111.83	128.32	150.88	17.6
PT	32.00	38.91	42.61	44.84	46.20	3.1
RO	19.70	14.29	51.53	57.29	59.52	3.9
SI	3.30	5.30	11.03	12.11	13.73	13.4
SK	15.90	14.34	22.57	22.21	27.16	22.3
FI	24.50	31.98	31.86	29.72	29.81	0.3
SE	31.60	35.62	38.58	39.92	40.54	1.6
UK	161.50	165.62	167.53	172.18	171.48	-0.4
HR		2.86	9.33	10.18	10.50	3.2
MK		3.50	5.58	8.30	5.94	-28.4
TR (1)	112.50	161.55	166.83	177.40	181.33	2.2
IS	0.50	0.60	0.74	0.79	0.83	5.0
NO	9.70	15.13	18.25	19.39	19.38	-0.1
CH (2)	9.11	9.79	10.32	10.75	11.17	3.9

Notes: (\*) Including cross-trade and cabotage;

Only haulage of heavy goods vehicles (usually >3.5 tonnes load capacity).

(1) National transport only.

(2) CH: in contrast to the data for other countries, the Swiss data do not include that part of international journeys by Swiss hauliers that takes place outside Switzerland.

## Railways

	thousand mio tkm						%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>	526.3	386.1	403.7	414.1	440.2	452.2	2.7
<b>EU-15</b>	256.5	222.7	257.1	262.9	285.9	296.2	3.6
<b>EU-12</b>	269.8	163.4	146.6	151.3	154.3	156.0	1.1
BE	8.37	7.30	7.67	8.13	8.57	8.24	-3.9
BG	14.13	8.60	5.54	5.16	5.40	5.24	-2.9
CZ		22.62	17.50	14.87	15.78	16.30	3.3
DK	1.73	1.99	2.03	1.98	1.89	1.78	-6.0
DE	101.70	70.50	82.68	95.42	107.01	114.62	7.1
EE	6.98	3.85	8.10	10.64	10.42	8.43	-19.1
IE	0.59	0.60	0.49	0.30	0.21	0.13	-37.1
EL	0.61	0.29	0.43	0.61	0.66	0.84	26.1
ES	11.15	10.96	11.61	11.64	11.63	11.06	-4.9
FR	52.24	48.27	57.73	40.70	40.95	42.62	4.1
IT	19.36	21.69	22.82	22.76	24.15	25.29	4.7
CY	-	-	-	-	-	-	
LV	18.54	9.76	13.31	19.78	16.83	18.31	8.8
LT	19.26	7.20	8.92	12.46	12.90	14.37	11.5
LU	0.62	0.53	0.63	0.39	0.44	0.43	-3.2
HU	16.80	8.40	8.80	9.09	10.17	10.05	-1.2
MT	-	-	-	-	-	-	
NL	3.07	3.10	4.52	5.87	6.29	7.22	14.7
AT	12.16	13.20	16.60	18.96	20.98	21.37	1.9
PL	81.60	68.20	54.00	49.97	53.62	54.25	1.2
PT	1.46	2.02	2.18	2.42	2.43	2.59	6.4
RO	48.91	17.91	16.35	16.58	15.79	15.76	-0.2
SI	4.21	3.08	2.86	3.25	3.37	3.60	6.8
SK		13.80	11.23	9.46	9.99	9.65	-3.4
FI	8.36	9.60	10.11	9.71	11.06	10.43	-5.7
SE	19.10	19.39	19.48	21.68	22.27	23.25	4.4
UK	16.00	13.30	18.10	22.32	27.37	26.38	-3.6
HR		1.97	1.79	2.84	3.31	3.57	8.1
MK			0.50	0.53	0.61	0.78	26.7
TR	7.89	8.51	9.76	9.08	9.54	9.76	2.2
IS	-	-	-	-	-	-	
NO	2.60	2.70	3.00	3.15	3.25	3.46	6.3
CH	8.90	8.70	10.43	11.53	12.35	13.37	8.3

Notes: CS: 1990: 59.4 (included in EU-27 and EU-12 data).

## Inland Waterways

	thousand mio tkm						%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>	118.3	122.1	133.9	138.7	138.6	141.1	1.9
<b>EU-15</b>	107.0	114.6	127.4	126.2	126.7	128.4	1.3
<b>EU-12</b>	11.4	7.5	6.5	12.4	11.8	12.7	7.7
BE	5.39	5.73	7.22	8.57	8.91	9.29	4.3
BG	1.61	0.53	0.31	0.76	0.79	1.01	28.8
CZ		0.28	0.08	0.06	0.04	0.04	-17.6
DK	-	-	-	-	-	-	
DE	54.80	63.98	66.47	64.10	63.98	64.72	1.2
EE	0.00	0.00	-	-	-	-	
IE	-	-	-	-	-	-	
EL	-	-	-	-	-	-	
ES	-	-	-	-	-	-	
FR	7.58	6.63	9.11	8.91	9.01	9.21	2.3
IT	0.12	0.14	0.17	0.09	0.08	0.09	22.4
CY	-	-	-	-	-	-	
LV	-	-	-	-	-	-	
LT	0.16	0.02	0.00	0.00	0.00	0.01	511.3
LU	0.36	0.34	0.38	0.34	0.38	0.35	-9.4
HU	2.04	1.21	0.89	2.11	1.91	2.21	15.6
MT	-	-	-	-	-	-	
NL	35.66	35.46	41.27	42.23	42.31	41.87	-1.0
AT	1.66	2.05	2.44	1.75	1.84	2.60	41.4
PL	1.03	0.88	1.17	0.33	0.29	0.28	-4.2
PT	-	-	-	-	-	-	
RO	2.09	3.11	2.63	8.44	8.16	8.19	0.5
SI	-	-	-	-	-	-	
SK		1.47	1.38	0.74	0.65	1.00	54.7
FI	1.10	0.08	0.12	0.08	0.07	0.10	53.0
SE	-	-	-	-	-	-	
UK	0.30	0.20	0.21	0.17	0.16	0.16	1.3
HR	0.50	0.03	0.06	0.12	0.12	0.11	-6.4
MK	-	-	-	-	-	-	
TR	-	-	-	-	-	-	
IS	-	-	-	-	-	-	
NO	-	-	-	-	-	-	
CH	0.20	0.16	0.12	0.10	0.13	0.13	2.4

Notes: CS: 1990: 4.42 (included in EU-27 and EU-12 data);

Fl: only shipborne transport (i.e. no floating).

## Oil Pipelines

	thousand mio tkm						%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>		114.9	126.7	136.0	135.2	128.9	-4.7
<b>EU-15</b>	71.7	80.2	86.2	90.0	90.0	87.7	-2.5
<b>EU-12</b>		34.7	40.5	46.0	45.2	41.1	-9.0
BE	1.02	1.37	1.62	1.52	1.57	1.49	-5.0
BG	0.64	0.41	0.38	0.35	0.36	0.42	17.6
CZ		2.28	1.61	2.26	2.29	2.08	-9.3
DK	2.02	3.11	4.69	5.13	4.87	4.63	-5.0
DE	13.30	14.76	15.03	16.74	15.84	15.82	-0.1
EE	-	-	-	-	-	-	
IE	-	-	-	-	-	-	
EL	-	-	-	0.09	0.10	0.10	0.0
ES	4.22	5.89	7.47	9.23	9.22	8.94	-3.1
FR	19.60	22.27	21.67	20.85	22.18	21.72	-2.1
IT	9.20	9.65	10.32	11.42	11.45	11.54	0.8
CY	-	-	-	-	-	-	
LV		5.32	6.47	3.38	3.63	3.45	-4.9
LT		2.01	3.46	4.41	2.67	1.03	-61.3
LU	-	-	-	-	-	-	
HU	5.29	2.18	2.26	2.68	3.04	2.99	-1.8
MT	-	-	-	-	-	-	
NL	4.87	5.28	5.87	5.94	5.83	5.58	-4.2
AT	6.37	6.77	7.56	7.78	7.64	7.23	-5.4
PL	13.89	13.49	20.35	25.39	25.59	23.51	-8.1
PT	-	-	0.50	0.48	0.45	0.48	5.3
RO	5.06	2.94	1.39	2.21	2.03	1.85	-8.8
SI	-	-	-	-	-	-	
SK		6.10	4.60	5.30	5.60	5.80	3.6
FI	-	-	-	-	-	-	
SE	-	-	-	-	-	-	
UK	11.10	11.10	11.42	10.80	10.80	10.20	-5.6
HR	3.60		0.43	1.51	1.26	1.41	12.0
MK	-	-	-	0.14	0.17	0.16	-3.5
TR		3.20	53.13	5.74	5.84	12.90	120.9
IS	-	-	-	-	-	-	
NO	2.06	5.26	3.49	4.59	4.53	4.26	-5.9
CH	1.20	1.25	0.22	0.23	0.26	0.22	-15.2

**Notes:** Data are not harmonised and therefore not fully comparable; in most countries, only pipelines longer than 40 km are included. DE: from 1995: only crude oil (i.e. no refined petroleum products). CS: 1990: 7.5.

## USA

## PERFORMANCE BY MODE OF TRANSPORT: FREIGHT

thousand mio tkm					
	ROAD (1)	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
1990	1 239.2	1 554.0	515.8	852.8	4 161.8
1995	1 509.7	1 922.8	534.4	877.6	4 844.5
1996	1 550.4	2 010.5	518.5	904.0	4 983.4
1997	1 621.4	2 031.0	520.0	900.1	5 072.4
1998	1 664.0	2 114.6	520.6	904.9	5 204.0
1999	1 717.5	2 195.3	528.2	902.3	5 343.2
2000	1 741.5	2 257.6	526.2	842.4	5 367.7
2001	1 771.3	2 335.0	504.7	840.9	5 451.9
2002	1 818.5	2 344.0	506.7	855.5	5 524.7
2003	1 846.5	2 341.2	475.8	861.4	5 524.9
2004	1 871.1	2 459.3	496.1	875.4	5 701.9
2005	1 885.6	2 531.3	476.4	886.9	5 780.2
2006	1 889.9	2 705.1	486.0	853.6	5 934.7

## AVERAGE ANNUAL CHANGE

% PER YEAR					
	ROAD (1)	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
2001	1.7	3.4	-4.1	-0.2	1.6
2002	2.7	0.4	0.4	1.7	1.3
2003	1.5	-0.1	-6.1	0.7	0.0
2004	1.3	5.0	4.3	1.6	3.2
2005	0.8	2.9	-4.0	1.3	1.4
2006	0.2	6.9	2.0	-3.8	2.7
1990 - 1995	4.0	4.4	0.7	0.6	3.1
1995 - 2000	2.9	3.3	-0.3	-0.8	2.1
2000 - 2006	1.4	3.1	-1.3	0.2	1.7

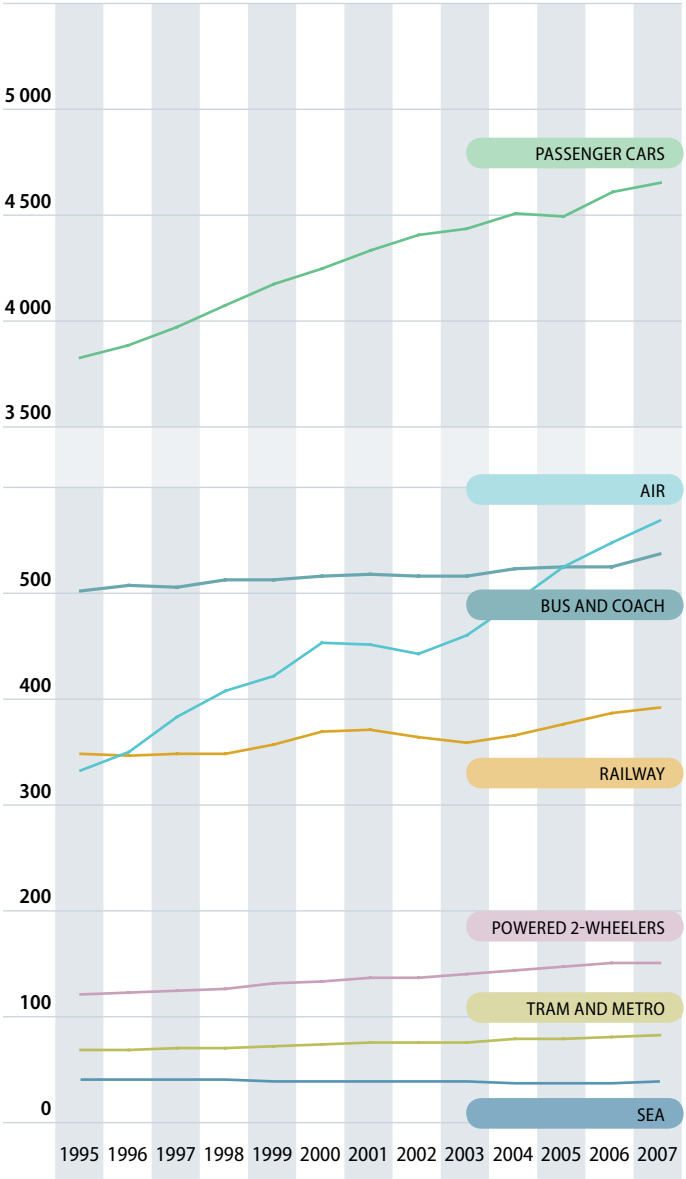
## MODAL SPLIT

%					
	ROAD (1)	RAIL	INLAND WATERWAYS	PIPELINES	
1990	29.8	37.3	12.4	20.5	
1995	31.2	39.7	11.0	18.1	
2000	32.4	42.1	9.8	15.7	
2001	32.5	42.8	9.3	15.4	
2002	32.9	42.4	9.2	15.5	
2003	33.4	42.4	8.6	15.6	
2004	32.8	43.1	8.7	15.4	
2005	32.6	43.8	8.2	15.3	
2006	31.8	45.6	8.2	14.4	

Notes: (1) Intercity truck traffic only.

## EU-27 Performance by Mode for Passenger Transport – 1995-2007

billion passenger-kilometres



## EU-27 Performance by Mode

### PASSENGER TRANSPORT

thousand mio pkm

	PASSENGER CARS	P2W	BUS AND COACH	RAILWAY	TRAM AND METRO	AIR	SEA	TOTAL
1995	3 863	123	504	351	71	335	44	5 291
1996	3 931	125	508	349	72	352	44	5 381
1997	4 010	127	508	351	73	385	44	5 496
1998	4 108	130	515	351	73	410	43	5 629
1999	4 212	134	515	359	75	424	43	5 761
2000	4 292	136	518	371	77	456	42	5 891
2001	4 376	139	519	373	78	453	42	5 979
2002	4 452	139	518	366	79	445	42	6 040
2003	4 480	144	519	362	79	463	41	6 088
2004	4 543	147	525	368	82	493	41	6 198
2005	4 536	150	526	379	82	527	40	6 240
2006	4 656	154	526	390	84	549	40	6 399
2007	4 688	154	539	395	85	571	41	6 473
'95/'07	21.4%	24.8%	6.9%	12.7%	20.1%	70.4%	-7.7%	22.3%
/year	1.6%	1.9%	0.6%	1.0%	1.5%	4.5%	-0.7%	1.7%
'06/'07	0.7%	0.1%	2.4%	1.4%	1.8%	4.0%	2.5%	1.2%

### MODAL SPLIT

%

	PASSENGER CARS	P2W	BUS AND COACH	RAILWAY	TRAM AND METRO	AIR	SEA
1995	73.0	2.3	9.5	6.6	1.3	6.3	0.8
1996	73.0	2.3	9.4	6.5	1.3	6.5	0.8
1997	73.0	2.3	9.2	6.4	1.3	7.0	0.8
1998	73.0	2.3	9.1	6.2	1.3	7.3	0.8
1999	73.1	2.3	8.9	6.2	1.3	7.4	0.7
2000	72.9	2.3	8.8	6.3	1.3	7.7	0.7
2001	73.2	2.3	8.7	6.2	1.3	7.6	0.7
2002	73.7	2.3	8.6	6.1	1.3	7.4	0.7
2003	73.6	2.4	8.5	5.9	1.3	7.6	0.7
2004	73.3	2.4	8.5	5.9	1.3	8.0	0.7
2005	72.7	2.4	8.4	6.1	1.3	8.4	0.6
2006	72.8	2.4	8.2	6.1	1.3	8.6	0.6
2007	72.4	2.4	8.3	6.1	1.3	8.8	0.6

**Notes:** Air and Sea: only domestic and intra-EU-27 transport; provisional estimates.  
P2W: Powered 2-wheelers.



## Modal Split of Passenger Transport on Land by Country – 2007

	passenger-km in %			
	PASSENGER CARS	BUS AND COACH	RAILWAY	TRAM & METRO
EU-27	82.1	9.4	6.9	1.5
EU-15	83.1	8.7	7.0	1.3
EU-12	76.1	14.3	6.6	3.0
BE	79.3	13.0	7.0	0.7
BG	70.6	23.4	5.0	1.0
CZ	69.9	15.8	6.7	7.6
DK	80.1	10.7	8.9	0.3
DE	84.4	6.4	7.7	1.5
EE	76.7	20.5	2.1	0.6
IE	81.6	14.2	3.9	0.3
EL	78.8	18.3	1.6	1.3
ES	79.7	13.7	5.1	1.5
FR	83.9	5.4	9.3	1.5
IT	81.8	11.8	5.6	0.7
CY	80.9	19.1	0.0	0.0
LV	81.8	12.4	4.6	1.3
LT	90.7	8.4	0.9	0.0
LU	84.9	11.1	4.1	0.0
HU	59.5	24.6	12.6	3.3
MT	80.5	19.5	0.0	0.0
NL	83.2	6.8	9.1	0.8
AT	75.7	10.3	10.0	4.1
PL	82.3	9.4	6.7	1.5
PT	82.3	12.1	4.4	1.2
RO	69.3	14.0	8.6	8.0
SI	85.1	11.9	3.0	0.0
SK	69.9	23.3	5.8	1.1
FI	84.3	10.0	5.0	0.7
SE	82.6	7.0	8.5	1.9
UK	86.1	6.4	6.3	1.2
HR	81.0	11.9	5.0	2.1
MK	77.6	20.6	1.8	0.0
TR				
IS	88.6	11.4	0.0	0.0
NO	87.7	6.8	4.7	0.8
CH	78.3	5.3	15.1	1.3

**Notes:** If powered two-wheelers are included, they account for 2.6% of the total in EU-27 (2.7% in EU-15, 1.9% in EU-12), while the share of the other modes becomes:

EU-27	80.0	9.2	6.7	1.5
EU-15	80.8	8.5	6.8	1.2
EU-12	74.7	14.0	6.5	3.0

## Passenger Cars

thousand mio pkm							%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>		3 863.0	4 292.4	4 536.4	4 656.1	4 688.0	0.7
<b>EU-15</b>	3 109.6	3 530.4	3 870.5	4 024.5	4 109.5	4 118.5	0.2
<b>EU-12</b>		332.7	422.0	511.9	546.5	569.5	4.2
BE	90.18	98.20	105.53	108.88	109.80	112.45	2.4
BG		18.00	23.00	29.00	31.00	34.00	9.7
CZ		54.50	63.94	68.64	69.63	71.54	2.7
DK	47.65	48.69	51.21	52.74	53.99	55.28	2.4
DE	683.10	815.30	831.27	856.90	863.30	868.70	0.6
EE		5.14	6.68	9.93	9.95	10.00	0.5
IE	21.00	25.00	32.00	38.00	40.00	42.00	5.0
EL	35.00	44.00	63.00	85.00	90.00	95.00	5.6
ES	174.40	250.37	302.61	337.80	340.94	343.29	0.7
FR	585.59	640.13	699.64	727.36	723.79	727.82	0.6
IT	522.59	614.71	726.53	688.99	744.86	720.20	-3.3
CY		3.40	3.90	4.80	5.00	5.50	10.0
LV		7.50	11.50	14.50	16.00	17.50	9.4
LT		16.00	26.00	34.79	39.47	39.12	-0.9
LU	4.00	4.70	5.60	6.30	6.50	6.60	1.5
HU	47.00	45.40	46.18	46.60	46.85	41.42	-11.6
MT		1.70	1.80	2.00	2.05	2.10	2.4
NL	137.30	131.40	141.10	148.80	148.00	148.80	0.5
AT	55.68	62.16	66.67	70.55	70.89	72.02	1.6
PL		110.70	149.70	197.30	219.24	239.26	9.1
PT	27.50	40.90	57.70	70.00	72.00	74.00	2.8
RO		36.00	45.00	56.00	58.00	60.00	3.4
SI	13.32	16.34	20.33	22.51	23.01	23.06	0.2
SK		17.98	23.93	25.82	26.34	25.99	-1.3
FI	51.20	50.00	55.70	61.91	62.46	63.79	2.1
SE	86.40	86.80	91.90	97.30	97.00	99.60	2.7
UK	588.00	618.00	640.00	674.00	686.00	689.00	0.4
HR		12.50	20.00	24.00	25.00	26.00	4.0
MK		3.70	4.20	4.50	4.60	4.70	2.2
TR	34.33	52.65	79.00	100.00	108.00	114.00	5.6
IS		3.03	3.77	4.56	4.87	5.08	4.3
NO	43.50	44.73	48.95	53.02	53.40	54.80	2.6
CH	73.27	75.53	80.56	85.73	86.73	88.24	1.7

**Notes:** Data are not harmonised and therefore not fully comparable across countries.

Many data for 2007 are provisional.

BE: include pkm of vehicles registered as light goods vehicles but used as personal cars;

UK: data refer to Great Britain only; include pkm by vans.

## Buses &amp; Coaches

		thousand mio pkm					%	
		1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>			<i>504.0</i>	<i>517.6</i>	<i>526.0</i>	<i>526.1</i>	<i>539.0</i>	2.4
<b>EU-15</b>		<i>368.7</i>	<i>378.7</i>	<i>403.0</i>	<i>417.4</i>	<i>418.2</i>	<i>432.3</i>	3.4
<b>EU-12</b>			<i>125.3</i>	<i>114.6</i>	<i>108.6</i>	<i>107.9</i>	<i>106.7</i>	-1.1
<b>BE</b>	11.37	13.12	13.30	17.52	18.08	18.45		2.1
<b>BG</b>	25.88	<i>15.70</i>	13.88	11.36	11.14	11.27		1.2
<b>CZ</b>		18.60	16.17	15.61	16.02	16.12		0.7
<b>DK</b>	6.44	7.28	7.42	7.34	7.45	7.42		-0.4
<b>DE</b>	73.10	68.50	69.00	67.06	66.18	65.37		-1.2
<b>EE</b>	4.45	2.05	2.63	2.72	2.88	2.68		-7.1
<b>IE</b>	3.86	5.15	<i>6.11</i>	<i>6.70</i>	<i>6.90</i>	<i>7.30</i>		5.8
<b>EL</b>	17.72	20.22	21.70	<i>21.70</i>	<i>21.80</i>	<i>22.00</i>		0.9
<b>ES</b>	33.36	39.60	50.28	53.18	49.37	59.16		19.8
<b>FR</b>	41.28	41.59	42.97	43.86	44.91	47.10		4.9
<b>IT</b>	83.96	87.15	93.55	101.22	103.13	104.12		1.0
<b>CY</b>		<i>1.00</i>	<i>1.12</i>	<i>1.26</i>	<i>1.28</i>	<i>1.30</i>		1.6
<b>LV</b>	5.86	1.84	2.35	2.89	2.78	2.64		-4.9
<b>LT</b>	7.89	4.17	2.76	3.69	3.70	3.62		-2.1
<b>LU</b>	0.48	0.54	0.62	0.80	0.82	0.86		4.9
<b>HU</b>	19.26	16.61	18.73	17.85	17.93	17.15		-4.4
<b>MT</b>		0.41	0.46	0.49	0.50	0.51		2.0
<b>NL</b>	13.00	<i>12.00</i>	<i>11.25</i>	<i>11.75</i>	<i>12.00</i>	<i>12.25</i>		2.1
<b>AT</b>	7.94	8.74	9.25	9.34	9.23	9.80		6.1
<b>PL</b>	46.30	34.02	31.74	29.31	28.15	27.36		-2.8
<b>PT</b>	10.30	11.30	11.82	<i>11.10</i>	<i>10.56</i>	<i>10.88</i>		3.0
<b>RO</b>	24.01	12.34	<i>12.00</i>	11.81	11.74	12.16		3.6
<b>SI</b>	6.51	4.11	3.50	3.06	3.13	3.24		3.3
<b>SK</b>		14.44	9.32	8.54	8.68	8.65		-0.4
<b>FI</b>	8.50	8.00	7.70	7.54	7.54	7.54		0.0
<b>SE</b>	9.70	9.70	9.50	8.80	8.70	8.50		-2.3
<b>UK</b>	47.70	45.80	48.50	49.50	51.50	51.50		0.0
<b>HR</b>	7.00	4.05	3.33	3.40	3.54	3.81		7.7
<b>MK</b>		1.50	1.40	1.30	1.25	1.25		0.0
<b>TR</b>		<i>85.67</i>	<i>87.39</i>	<i>90.00</i>	<i>95.00</i>	<i>100.00</i>		5.3
<b>IS</b>		0.39	0.49	0.59	0.62	0.65		5.0
<b>NO</b>	3.89	3.75	4.14	4.31	4.26	4.24		-0.4
<b>CH</b>	3.32	5.53	5.26	5.69	5.99	6.00		0.2

**Notes:** Data are not harmonised and therefore not fully comparable across countries.

Many data for 2007 are provisional.

CS: 1990: 43.4;

RO: data include only regular interurban transport;

UK: GB data +1.5 bln pkm throughout to account for Northern Ireland.

## Tram + Metro

	thousand mio pkm						%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>		<i>71.1</i>	<i>77.1</i>	<i>82.5</i>	<i>83.9</i>	<i>85.4</i>	1.8
<b>EU-15</b>	<i>49.0</i>	<i>48.8</i>	<i>54.7</i>	<i>60.0</i>	<i>61.4</i>	<i>62.8</i>	2.3
<b>EU-12</b>		<i>22.4</i>	<i>22.5</i>	<i>22.5</i>	<i>22.5</i>	<i>22.6</i>	0.5
BE	0.74	0.80	0.87	0.93	0.95	0.97	2.1
BG		<i>0.34</i>	<i>0.40</i>	<i>0.45</i>	<i>0.46</i>	<i>0.47</i>	2.2
CZ		7.69	8.07	7.93	7.80	7.75	-0.6
DK	-	-	-	0.16	0.16	0.18	7.9
DE	<i>15.10</i>	<i>14.43</i>	<i>14.60</i>	<i>15.49</i>	<i>15.57</i>	<i>15.92</i>	2.3
EE		<i>0.11</i>	<i>0.10</i>	<i>0.08</i>	<i>0.08</i>	<i>0.08</i>	0.8
IE	-	-	-	0.11	0.11	0.18	54.7
EL	<i>0.83</i>	<i>0.74</i>	<i>1.19</i>	<i>1.50</i>	<i>1.55</i>	<i>1.60</i>	3.2
ES	4.38	4.25	5.23	6.00	6.20	6.40	3.2
FR	10.18	8.93	10.85	12.44	12.73	12.64	-0.7
IT	4.21	5.27	5.61	6.02	6.03	6.22	3.2
CY	-	-	-	-	-	-	
LV	0.73	0.30	0.27	0.27	0.28	0.28	0.1
LT	-	-	-	-	-	-	
LU	-	-	-	-	-	-	
HU		2.50	2.57	2.35	2.28	2.28	-0.1
MT	-	-	-	-	-	-	
NL	1.26	1.38	1.43	1.50	1.50	1.52	1.3
AT	2.80	3.30	3.58	3.77	3.87	3.87	0.0
PL		5.00	4.70	4.44	4.40	4.45	1.1
PT	0.67	0.53	0.53	0.85	0.99	1.05	6.3
RO		6.00	6.00	6.60	6.80	6.90	1.5
SI	-	-	-	-	-	-	
SK		0.44	0.35	0.39	0.38	0.39	2.7
FI	0.35	0.39	0.50	0.53	0.52	0.52	-0.8
SE	2.01	1.94	1.98	2.04	2.17	2.24	3.1
UK	6.50	6.81	8.30	8.64	9.07	9.54	5.2
HR		0.53	0.50	0.53	0.56	0.66	18.1
MK	-	-	-	-	-	-	
TR							
IS	-	-	-	-	-	-	
NO	0.42	0.38	0.50	0.52	0.51	0.52	2.8
CH		1.50	1.40	1.46	1.47	1.48	0.4

**Notes:** Data are not harmonised and therefore not fully comparable across countries.

FR: data refer to the Paris Metro and RER (Réseau Express Régional) systems and to metros in other French cities;

PT: data refer only to Lisbon and Porto Metro.

## Railways

	thousand mio pkm						%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>	420.1	350.5	370.7	378.6	389.6	395.1	1.4
<b>EU-15</b>	268.9	276.1	309.4	329.3	339.6	345.4	1.7
<b>EU-12</b>	151.2	74.4	61.4	49.3	50.0	49.7	-0.6
BE	6.54	6.76	7.75	9.15	9.61	9.93	3.4
BG	7.79	4.69	3.47	2.39	2.41	2.40	-0.3
CZ	13.31	8.02	7.30	6.67	6.92	6.90	-0.3
DK	5.05	4.89	5.54	5.97	6.11	6.18	1.1
DE	61.02	70.98	75.40	76.82	79.00	79.34	0.4
EE	1.51	0.42	0.26	0.25	0.26	0.27	6.7
IE	1.23	1.29	1.39	1.78	1.87	2.01	7.2
EL	1.98	1.57	1.89	1.85	1.81	1.93	6.7
ES	15.48	16.58	20.14	21.62	22.11	21.86	-1.1
FR	63.74	55.56	69.87	76.47	78.79	80.31	1.9
IT	44.71	46.65	49.57	50.47	50.75	49.59	-2.3
CY	-	-	-	-	-	-	
LV	5.37	1.37	0.72	0.89	0.99	0.98	-0.9
LT	3.64	1.13	0.61	0.43	0.43	0.41	-5.1
LU	0.21	0.29	0.33	0.27	0.30	0.32	6.0
HU	11.40	8.44	9.69	9.85	9.66	8.75	-9.4
MT	-	-	-	-	-	-	
NL	11.06	16.35	14.67	15.15	15.89	16.33	2.7
AT	8.91	10.12	8.74	9.06	9.30	9.50	2.2
PL	50.37	26.64	24.09	17.88	18.24	19.52	7.0
PT	5.66	4.81	4.03	3.81	3.88	3.99	2.9
RO	30.58	18.88	11.63	7.99	8.09	7.48	-7.6
SI	1.43	0.60	0.71	0.78	0.80	0.81	2.0
SK	6.38	4.20	2.87	2.18	2.21	2.17	-2.2
FI	3.33	3.18	3.41	3.48	3.54	3.78	6.7
SE	6.60	6.83	8.24	8.94	9.62	10.27	6.8
UK	33.40	30.27	38.41	44.42	47.04	50.11	6.5
HR	3.43	1.14	1.25	1.27	1.36	1.61	18.3
MK		0.10	0.10	0.09	0.10	0.11	7.9
TR	6.41	5.80	5.83	5.04	5.28	5.55	5.2
IS	-	-	-	-	-	-	
NO	2.10	2.38	2.64	2.72	2.83	2.91	2.7
CH	12.68	11.71	12.62	16.14	16.80	17.00	1.2

## Rail

## HIGH SPEED RAIL TRANSPORT (\*) (1)

	thousand mio pkm											
	BE	CZ	DE	ES	FR	IT	NL	PT	FI	SE	UK	EU-27
1990	-	-	-	-	14.90	0.30	-	-	-	0.01	-	15.21
1991	-	-	2.00	-	17.90	0.40	-	-	-	0.09	-	20.39
1992	-	-	5.20	0.40	19.00	0.40	-	-	-	0.15	-	25.15
1993	-	-	7.00	0.90	18.90	0.50	-	-	-	0.27	-	27.57
1994	-	-	8.20	0.90	20.50	0.80	-	-	-	0.31	-	30.71
1995	-	-	8.70	1.20	21.43	1.10	-	-	-	0.42	-	32.85
1996	0.32	-	8.85	1.10	24.79	1.30	0.03	-	0.02	1.10	-	37.51
1997	0.56	-	10.07	1.30	27.60	2.40	0.07	-	0.05	1.33	-	43.38
1998	0.79	-	10.16	1.52	30.62	3.64	0.09	-	0.06	1.61	-	48.47
1999	0.80	-	11.59	1.67	32.19	4.46	0.10	-	0.05	1.81	-	52.69
2000	0.87	-	13.93	1.94	34.75	5.09	0.11	-	0.07	2.05	-	58.80
2001	0.89	-	15.52	2.08	37.40	6.76	0.19	-	0.06	2.23	-	65.13
2002	0.91	-	15.26	2.18	39.86	7.08	0.20	-	0.14	2.39	-	68.01
2003	0.88	-	17.46	2.03	39.60	7.43	0.66	-	0.20	2.40	-	70.66
2004	0.94	0.00	19.60	2.09	41.44	7.93	0.66	0.44	0.16	2.42	0.44	76.11
2005	0.98	0.01	20.85	2.32	43.13	8.55	0.69	0.49	0.31	2.33	0.45	80.11
2006	1.00	0.15	21.64	8.47	45.05	8.91	0.73	0.51	0.44	2.49	0.90	90.28
2007	1.02	0.33	21.92	6.02	47.97	8.82	0.80	0.51	0.58	2.78	1.39	92.13

SHARE OF HIGH SPEED RAIL TRANSPORT  
IN TOTAL PASSENGER-KILOMETRES IN RAIL TRANSPORT (\*\*)

	%											
	BE	CZ	DE	ES	FR	IT	NL	PT	FI	SE	UK	EU-27
2000	11.2	-	18.5	9.6	49.7	10.3	0.8	-	2.1	24.8	0.0	15.9
2001	11.1	-	20.5	10.0	52.3	13.5	1.3	-	1.8	25.5	0.0	17.5
2002	11.0	-	21.5	10.3	54.2	14.4	1.4	-	4.1	26.9	0.0	18.6
2003	10.6	-	24.5	9.6	55.2	15.3	4.8	-	6.0	27.2	0.0	19.5
2004	10.8	0.0	26.9	10.2	55.8	16.1	4.5	11.8	4.8	28.0	1.0	20.7
2005	10.7	0.1	27.1	10.7	56.4	16.9	4.5	12.9	8.9	26.1	1.0	21.2
2006	10.4	2.1	27.4	38.3	57.2	17.6	4.6	13.1	12.3	25.9	1.9	23.2
2007	10.2	4.8	27.6	27.6	59.7	17.8	4.9	12.7	15.4	27.0	2.8	23.3

Notes: (1) In this table, high-speed rail transport covers all traffic with high-speed rolling stock (incl. tilting trains able to run 200 km/h). This does not necessarily require high-speed infrastructure as defined in table 3.5.4.

## USA

## PERFORMANCE BY MODE OF TRANSPORT: PASSENGERS

thousand mio pkm

	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	TOTAL
1990	5 280.5	20.0	18.5	229.1	12.3	556.6	6 117.0
1995	5 702.0	17.3	17.0	249.3	14.7	650.0	6 650.3
1996	5 850.6	17.6	18.6	254.7	15.0	699.5	6 855.8
1997	6 021.7	17.8	19.4	265.0	14.6	725.2	7 063.8
1998	6 186.9	18.2	19.8	271.8	15.8	745.5	7 258.1
1999	6 320.7	18.7	20.8	295.6	16.0	785.9	7 457.7
2000	6 456.9	18.5	22.3	293.2	17.3	830.6	7 638.8
2001	6 816.1	18.9	22.8	276.9	17.7	783.0	7 935.4
2002	6 912.4	19.5	22.0	268.7	17.6	776.2	8 016.4
2003	6 997.4	19.6	21.9	265.6	17.8	813.0	8 135.3
2004	7 188.3	20.7	23.1	266.5	18.2	897.8	8 414.6
2005	7 248.7	21.4	23.2	273.3	18.0	939.4	8 523.9
2006	7 317.1	25.3	23.7	275.4	19.7	950.5	8 611.7

## AVERAGE ANNUAL CHANGE

% PER YEAR

	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	TOTAL
2002	1.4	3.2	-3.6	-3.0	-0.4	-0.9	1.0
2003	1.2	0.3	-0.4	-1.1	0.9	4.7	1.5
2004	2.7	5.7	5.5	0.3	2.4	10.4	3.4
2005	0.8	3.3	0.4	2.6	-1.1	4.6	1.3
2006	0.9	18.6	2.1	0.8	9.4	1.2	1.0
'90/'95	1.5	-2.8	-1.6	1.7	3.5	3.1	1.7
'95/'00	2.5	1.3	5.6	3.3	3.4	5.0	2.8
'00/'06	2.1	5.4	1.0	-1.0	2.2	2.3	2.0

## MODAL SPLIT

%

	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR
1990	86.3	0.3	0.3	3.7	0.2	9.1
1995	85.7	0.3	0.3	3.7	0.2	9.8
2000	84.5	0.2	0.3	3.8	0.2	10.9
2001	85.9	0.2	0.3	3.5	0.2	9.9
2002	86.2	0.2	0.3	3.4	0.2	9.7
2003	86.0	0.2	0.3	3.3	0.2	10.0
2004	85.4	0.2	0.3	3.2	0.2	10.7
2005	85.0	0.3	0.3	3.2	0.2	11.0
2006	85.0	0.3	0.3	3.2	0.2	11.0

Notes: (\*) Passenger Cars (2006: 4 297 billion pkm) and other 2-axle 4-tyre vehicles (2006: 3 038 billion pkm).

## Air

### PASSENGER TRAFFIC BETWEEN MEMBER STATES

REPORTER	TOTAL PASSENGERS CARRIED (*)												
	PARTNER												
	BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	IT	CY	LV
BE	60	113	276	452	1363	32	394	765	3445	1111	2334	51	49
BG	111	99	307	168	1274	10	97	118	154	202	347	75	5
CZ	275	299	268	255	1126	99	278	718	747	796	898	82	92
DK	450	170	254	1951	2115	144	228	664	1977	1227	893	67	168
DE	1355	1252	1106	2112	24378	183	1515	4935	21914	7254	10944	335	485
EE	32	10	99	145	184	20	18	48	57	23	36	0	42
IE	394	114	281	230	1524	18	888	155	3620	1918	1223	60	231
EL	776	118	728	665	5050	48	154	6685	508	1610	2381	1204	48
ES	3476	158	807	2041	22361	57	3564	508	44171	8085	10217		52
FR	1057	201	772	1186	7367	22	1897	1495	8090	27192	7748	124	35
IT	2336	341	917	886	10843	36	1223	2342	10375	7871	28670	77	84
CY	52	76	83	70	342	0	57	1187	3	130	78	0	5
LV	48	5	92	171	489	43	231	49	50	35	86	5	15
LT	49	6	100	231	260	53	203	55	40	27	65	4	29
LU	2	8	0	73	215	0	3	60	233	150	107	8	0
HU	290	121	171	191	1453	0	178	298	304	527	575	60	0
MT	78	19	8	46	425	1	59	20	54	137	467	20	1
NL	204	126	406	1043	2612	76	776	1530	5000	2491	2859	105	109
AT	465	335	184	386	5594	21	197	927	1136	916	975	153	65
PL	329	110	156	391	2611	21	1174	453	494	756	949	54	35
PT	718	8	57	196	2450	5	645	7	2988	2256	1004	0	1
RO	121	32	128	21	847	0	6	276	564	436	1494	72	
SI	92	7	37	20	205	0	4	94	20	127	6	1	
SK	2	75	231	20	159		128	151	62	130	197	5	0
FI	226	118	134	745	1554	177	104	340	1023	458	403	41	190
SE	398	165	123	1655	2389	178	206	723	1978	1170	668	232	202
UK	1625	953	2070	2353	11599	179	12204	5457	35530	12346	11207	2969	479

Notes: (\*) Passengers carried are fewer than passengers on board, due to transit passengers staying on board the aircraft not being counted.



## Air

### PASSENGER TRAFFIC BETWEEN MEMBER STATES

2007

## INCLUDING DOMESTIC FLIGHTS (THOUSAND)

LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
49	0	291	79	231	469	330	715	140	92	2	225	400	1627
6	8	125	14	129	338	118	8	30	7	89	119	176	894
101	0	183	8	399	186	156	48	128	37	250	135	123	2067
231	73	189	45	1040	386	392	198	25	20	20	751	1783	2347
259	195	1505	424	2602	5585	2589	2412	892	205	163	1551	2395	11468
53			1	77	21	21	5	0	0	1	174	173	182
205	13	224	59	775	198	1358	645	6	4	129	105	208	12018
55	60	314	22	1550	931	488	6	274	94	156	348	735	5451
38	237	335	55	5061	1154	494	2907	604	21	61	1020	2023	35683
26	147	510	139	2327	924	757	2113	473	126	99	458	1152	11726
51	108	586	470	2821	967	939	967	1601	6	215	404	675	11239
5	8	60	19	105	154	53	0	72	1	6	42	228	2983
29	0	0	1	109	66	35	1	0	0	0	190	202	481
0	0	0	4	86	37	52	0	0		0	91	53	338
0	0	0	5	75	50	0	121	3	0	0	0	2	225
0	0	0	18	416	81	129	46	294	22	0	191	268	915
4	5	18	0	71	55	7	6	9	5	0	19	50	1118
84	76	412	72	56	544	356	987	301	19	52	444	953	8368
37	54	82	56	541	666	257	80	417	79	34	191	321	1867
52	0	155	7	360	259	1087	55	59	11	1	160	467	3865
0	139	41	6	1044	81	58	2953	15	0	2	111	165	5289
0	0	220	5	297	370	63	12	544	1	8	21	1	325
0	0	21	6	19	79	11	0	1	0	0	26	0	165
0	0	0	0	52	34	0	2	9	0	175	0	16	485
91	0	192	19	440	191	160	107	17	26	0	2887	1301	936
53	2	230	50	954	320	480	164	1	0	17	1315	6893	2267
340	251	960	1148	8348	1877	4352	5257	333	165	529	944	2268	26106

## Air

### MAJOR REGULAR EUROPEAN AIRLINES

#### DOMESTIC + INTERNATIONAL

RANKING	THOUSAND MILLION REVENUE PASSENGER-KILOMETRES					%	
	AIRLINE AND COUNTRY	1990	2000	2005	2006		2007
1	Air France (1) FR	36.780	91.848	115.879	123.343	128.721	4.4
2	Deutsche Lufthansa DE	41.967	94.289	112.794	114.675	122.091	6.5
3	British Airways UK	66.965	119.385	110.939	114.700	113.198	-1.3
4	KLM Royal Dutch Airlines (1) NL	26.410	60.331	68.322	71.769	74.462	3.8
5	Iberia ES	22.110	40.043	48.917	52.626	54.502	3.6
6	Ryanair (2) IE	0.399	4.989	32.560	39.801	48.147	21.0
7	Virgin Atlantic Airways UK	-	29.471	32.118	35.279	40.546	14.9
8	Air Berlin DE		7.813	20.530	24.450	38.578	57.8
9	Alitalia IT	23.422	40.846	37.236	37.736	38.079	0.9
10	Easyjet (3) UK	-	4.730	27.448	31.621	36.976	16.9
11	THY Turkish Airlines TR	5.789	17.396	20.452	24.350	28.969	19.0
12	SAS Scandinavian Airlines DK/NO/SE	16.658	22.922	27.724	27.472	27.304	-0.6
13	SWISS (Crossair) CH		3.481	20.471	22.075	25.106	13.7
14	TAP Portugal PT	6.850	10.414	14.536	16.670	19.224	15.3
15	Austrian Airlines AT	2.818	8.799	18.835	19.900	17.408	-12.5
16	Finnair FI	9.276	7.467	11.174	12.650	15.563	23.0
17	Spanair ES		9.656	6.189	8.325	9.543	14.6
18	bmi British Midland Airways UK	1.984	4.484	5.558	8.680	8.517	-1.9
19	LOT Polish Airlines PL	4.176	5.714	6.223	6.720	7.288	8.5
20	Olympic Airlines EL	7.820	8.884	7.340	7.042	7.231	2.7
21	SN Brussels Airlines BE	-	2.347	4.559	4.851	7.069	45.7
22	CSA Czech Airlines CZ	2.287	3.623	6.390	6.385	6.015	-5.8
23	Malev Hungarian Airlines HU	1.634	3.556	3.732	4.140	4.486	8.4
24	Icelandair IS	1.794	4.113	4.307	4.250	4.252	0.0
25	Air One IT			3.153	3.345	4.081	22.0
26	Cyprus Airways CY	2.405	2.787	3.187	3.267	3.376	3.3
27	Air Malta MT	1.808	2.923	2.250	2.376	2.233	-6.0
28	TAROM Romanian Air Transport RO		2.160	1.448	1.537	2.063	34.2
29	JAT airways SB			0.959	1.093	1.170	7.1
30	Croatia Airlines HR	-	0.644	0.974	1.005	1.084	7.9
31	Adria Airways SI	1.556	0.866	0.707	0.773	0.863	11.7
32	Luxair LU		0.997	0.565	0.516	0.464	-10.0

Notes: Scheduled and non-scheduled flights.

(1) Air France and KLM merged in 2004 to build Air France KLM Group.

(2) Ryanair: Year up to 30 March of the following year.

(3) Easyjet: Financial year up to 30 September of the year indicated.

## Air

### PASSENGER TRAFFIC AT MAJOR EU AIRPORTS

#### PASSENGERS CARRIED (\*)

RANKING	(arriving + departing + in transit)		MILLION PASSENGERS					% CHANGE '06/'07
			2000	2004	2005	2006	2007	
	AIRPORT AND COUNTRY							
1	London / Heathrow	UK	64.29	67.11	67.68	67.34	67.85	+0.8
2	Paris / Charles De Gaulle	FR	49.67	50.95	53.38	56.45	59.55	+5.5
3	Frankfurt (Main)	DE	48.96	50.70	51.79	52.40	53.86	+2.8
4	Madrid / Barajas	ES	32.71	38.15	41.72	45.06	51.21	+13.6
5	Amsterdam / Schiphol	NL	39.27	42.42	44.08	46.00	47.76	+3.8
6	London / Gatwick	UK	31.95	31.39	32.69	34.08	35.17	+3.2
7	München	DE	22.87	26.60	28.45	30.61	33.82	+10.5
8	Barcelona	ES	19.44	24.35	27.02	29.90	32.74	+9.5
9	Roma / Fiumicino	IT	25.94	27.16	27.78	28.95	32.37	+11.8
10	Paris / Orly	FR	23.83	24.05	24.85	25.60	26.42	+3.2
11	London / Stansted	UK	11.86	20.91	21.99	23.68	23.76	+0.3
12	Milano / Malpensa	IT	20.55	18.42	19.49	21.62	23.63	+9.3
13	Dublin	IE	13.66	17.03	18.33	21.06	23.20	+10.2
14	Palma De Mallorca	ES	19.25	20.36	21.22	22.40	23.17	+3.4
15	Manchester	UK	18.32	20.97	22.08	22.12	21.89	-1.1
16	København / Kastrup	DK	18.11	18.89	19.82	20.69	21.29	+2.9
17	Wien / Schwechat	AT	5.92	14.71	15.80	16.81	18.72	+11.4
18	Stockholm / Arlanda	SE	18.61	16.25	17.16	17.54	17.90	+2.1
19	Düsseldorf	DE	15.91	15.09	15.39	16.51	17.78	+7.7
20	Brussel-Bruxelles / Brussels	BE	21.60	15.45	15.95	16.59	17.74	+6.9
21	Athinai / Eleftherios Venizelos	EL	13.35	13.66	14.27	15.07	16.53	+9.6
22	Malaga	ES	9.36	11.93	12.61	13.04	13.57	+4.1
23	Lisboa	PT	9.21	10.39	11.24	12.28	13.39	+9.1
24	Berlin / Tegel	DE	10.24	10.98	11.47	11.77	13.33	+13.3
25	Helsinki / Vantaa	FI	10.00	10.73	11.13	12.14	13.15	+8.3
26	Hamburg	DE	9.82	9.76	10.57	11.87	12.69	+6.9
27	Praha / Ruzyně	CZ	5.55	9.57	10.72	11.51	12.36	+7.3
28	Köln-Bonn	DE	6.19	8.25	9.39	9.81	10.40	+6.0
29	Nice / Côte D'Azur	FR	9.33	9.33	9.74	9.93	10.38	+4.6
30	Stuttgart	DE	7.98	8.65	9.25	10.02	10.27	+2.5
31	Las Palmas / Gran Canaria	ES	9.12	9.22	9.69	9.97	10.04	+0.8
32	London / Luton	UK	6.16	7.52	9.13	9.41	9.92	+5.4
33	Milano / Linate	IT	6.02	8.94	9.09	9.69	9.91	+2.3
34	Warszawa / Okęcie	PL	4.33	6.09	7.08	8.12	9.23	+13.7
35	Birmingham	UK	7.49	8.80	9.31	9.06	9.13	+0.9
36	Alicante	ES	5.98	8.53	8.93	8.86	9.09	+2.5
37	Edinburgh	UK	5.37	7.99	8.45	8.61	9.04	+5.0
38	Glasgow	UK	6.81	8.56	8.78	8.82	8.73	-1.1
39	Budapest / Ferihegy	HU	4.68	6.38	7.92	8.25	8.58	+4.1
40	Tenerife Sur / Reina Sofia	ES	8.72	8.37	8.78	8.53	8.33	-2.4

**Notes:** (\*) 'Passengers carried' do not include direct transit passengers, i.e. transit passengers who stay on board the aircraft and continue their flight with the same flight number. Where the number of passengers carried was not available, the number of 'passengers on board' (i.e. incl. direct transit passengers) is given in italics.

## Air: MAIN INTRA-EU AIRPORT PAIRS IN PASSENGER TRANSPORT

### TOTAL PASSENGERS CARRIED

		THOUSAND		
		(arriving + departing from first named airport)		
RANKING	AIRPORT PAIRS	2005	2006	2007
	1	Madrid / Barajas – Barcelona	4 358.3	4 442.4
2	Milano / Linate – Roma / Fiumicino	2 414.6	2 387.0	2 510.1
3	Paris / Orly – Toulouse / Blagnac	2 328.1	2 350.9	2 327.2
4	Nice / Côte D'Azur – Paris / Orly	2 262.9	2 318.9	2 311.9
5	London / Heathrow – Dublin	2 089.4	1 991.1	1 974.4
6	London / Heathrow – Amsterdam / Schiphol	1 895.0	1 846.4	1 799.1
7	London / Heathrow – Paris / Charles de Gaulle	2 011.1	1 970.8	1 790.0
8	Palma De Mallorca – Barcelona	1 689.3	1 740.3	1 784.9
9	Palma De Mallorca – Madrid / Barajas	1 641.5	1 757.3	1 758.0
10	München – Hamburg	1 450.5	1 582.9	1 756.9
11	Frankfurt (Main) – Berlin / Tegel	1 545.6	1 541.1	1 647.9
12	Las Palmas / Gran Canaria – Madrid / Barajas	1 388.1	1 434.4	1 541.3
13	Catania / Fontanarossa – Roma / Fiumicino	1 368.7	1 371.6	1 534.2
14	München – Düsseldorf	1 381.5	1 362.2	1 528.9
15	München – Berlin / Tegel	1 419.2	1 424.7	1 509.9
16	Madrid / Barajas – Malaga	1 399.8	1 423.9	1 502.4
17	London / Heathrow – Frankfurt (Main)	1 530.4	1 513.3	1 450.1
18	London / Heathrow – Edinburgh	1 659.9	1 495.0	1 436.5
19	Paris / Charles de Gaulle – Milano / Linate	1 064.8	1 201.7	1 400.6
20	Roma / Fiumicino – Paris / Charles De Gaulle	1 240.4	1 262.1	1 351.8
21	Hamburg – Frankfurt (Main)	1 288.3	1 289.7	1 297.4
22	Amsterdam / Schiphol – Barcelona	1 103.9	1 235.2	1 271.7
23	Roma / Fiumicino – Palermo / Punta Raisi	1 111.2	1 134.8	1 244.2
24	Paris / Charles de Gaulle – Madrid / Barajas	869.7	1 086.0	1 236.1
25	München – Köln-Bonn	1 165.3	1 209.3	1 235.0
26	Madrid / Barajas – Roma / Fiumicino	929.7	1 094.0	1 233.1
27	Paris / Orly – Marseille / Provence	1 342.1	1 276.7	1 231.6
28	Frankfurt (Main) – München	1 303.1	1 278.0	1 217.8
29	Thessaloniki – Athinai / Eleftherios Venizelos	1 113.5	1 117.3	1 209.9
30	Glasgow – London / Heathrow	1 425.5	1 283.9	1 207.1
31	Stockholm / Arlanda – København / Kastrup	1 230.0	1 170.2	1 196.4
32	Tenerife Norte – Madrid / Barajas	1 359.4	1 170.1	1 191.0
33	London / Heathrow – Madrid / Barajas	1 118.9	1 120.4	1 180.3
34	Sevilla – Barcelona	1 164.8	1 124.1	1 179.0
35	Amsterdam / Schiphol – Paris / Charles De Gaulle	1 038.7	1 036.5	1 144.8
36	Köln-Bonn – Berlin / Tegel	916.6	839.6	1 142.9
37	Paris / Charles De Gaulle – Barcelona	883.0	1 012.1	1 098.3
38	Pointe-à-Pitre (Guadeloupe) / Pôle Caraïbes – Paris / Orly	987.6	1 029.3	1 093.5
39	Madrid / Barajas – Paris / Orly	964.3	1 015.6	1 078.9
40	London / Heathrow – München	918.8	1 027.5	1 067.2

## Air: MAIN CONNECTIONS BETWEEN EU AND NON-EU AIRPORTS IN PASSENGER TRANSPORT

### TOTAL PASSENGERS CARRIED

RANKING	AIRPORT PAIRS	(arriving + departing from first named airport)		
		THOUSAND		
		2005	2006	2007
1	London / Heathrow – New York / J.F. Kennedy Intl, NY, USA	2 940	2 752	2 839
2	Paris / Charles De Gaulle – New York / J.F. Kennedy Intl, NY, USA	1 730	1 659	1 729
3	London / Heathrow – Chicago / O'Hare Intl, IL, USA	1 522	1 521	1 605
4	London / Heathrow – Dubai Intl, United Arab Emirates	1 183	1 374	1 571
5	London / Heathrow – Hong Kong Intl, China	1 258	1 417	1 453
6	London / Heathrow – Los Angeles Intl, CA, USA	1 383	1 429	1 406
7	København / Kastrup – Oslo / Gardermoen, Norway	1 247	1 285	1 332
8	London / Heathrow – Singapore / Changi	996	1 086	1 075
9	Stockholm / Arlanda – Oslo / Gardermoen, Norway	937	1 036	1 057
10	Paris / Charles De Gaulle – Montreal / Pierre Elliot Trudeau Intl, Canada	929	977	1 057
11	London / Heathrow – Washington / Dulles Intl, DC, USA	1 074	1 040	1 055
12	London / Heathrow – San Francisco Intl, CA, USA	1 005	1 027	1 032
13	London / Heathrow – Toronto / Lester B. Pearson Intl, Canada	1 067	1 046	1 024
14	London / Heathrow – Mumbai / Chhatrapati Shivaji Intl, India	725	1 007	1 006
15	London / Heathrow – Johannesburg Intl, South Africa	995	998	1 003
16	Madrid / Barajas – Buenos Aires / Ezeiza Ministro Pizarini, Argentina	873	965	992
17	Paris / Charles De Gaulle – Tokio Intl, Japan	926	955	972
18	London / Heathrow – Zürich, Switzerland	905	940	909
19	London / Heathrow – Boston / Gen. E. Lawrence Logan Intl, MA, USA	929	931	889
20	London / Heathrow – Narita Intl, Japan	992	915	886
21	Frankfurt (Main) – Chicago / O'Hare Intl, IL, USA	827	857	858
22	London / Heathrow – Miami Intl, FL, USA	878	837	834
23	London / Heathrow – Sydney / Kingsford Smith Intl, Australia	823	797	824
24	Frankfurt (Main) – Washington / Dulles Intl, DC, USA	709	793	795
25	Frankfurt (Main) – Narita Intl, Japan	780	796	787
26	Amsterdam / Schiphol – Detroit / Metropolitan Wayne County, MI, USA	776	717	739
27	Frankfurt (Main) – Bangkok / Suvarnabhumi Intl (*), Thailand	667	749	718
28	Paris / Charles De Gaulle – Tel Aviv / Ben Gurion, Israel	608	644	711
29	Frankfurt (Main) – Singapore / Changi	721	722	711
30	London / Heathrow – Newark / Liberty Intl, NJ, USA	740	689	710
31	Paris / Charles de Gaulle – Genève / Cointrin, Switzerland	695	692	710
32	Frankfurt (Main) – New York / J.F. Kennedy Intl, NY, USA	726	685	696
33	Wien / Schwechat – Zürich, Switzerland	597	623	692
34	London / Gatwick – Genève / Cointrin, Switzerland	643	712	687
35	Paris / Orly – Marrakech / Menara, Morocco	502	619	687
36	London / Gatwick – Orlando Intl, FL, USA	739	668	687
37	Frankfurt (Main) – Istanbul / Atatürk, Turkey	661	650	686
38	Paris / Charles de Gaulle – Zürich, Switzerland	630	665	684
39	London / Heathrow – Bangkok / Suvarnabhumi Intl (*), Thailand	669	665	672
40	London / Heathrow – New Delhi / Indira Gandhi Intl, India	384	600	665

Notes: (\*) The new Bangkok Airport officially opened on 28 September 2006. Before, all traffic went to Bangkok Don Mueang Intl airport.

## Air

### FREIGHT TRAFFIC AT MAJOR EU AIRPORTS

#### CARGO AND MAIL LOADED AND UNLOADED

RANKING	THOUSAND TONNES						% CHANGE '06/'07
	AIRPORT AND COUNTRY	2000	2004	2005	2006	2007	
1	Frankfurt (Main) DE	1 703.4	1 827.4	1 950.6	2 117.9	2 162.2	+2.1
2	Amsterdam / Schiphol NL	1 222.5	1 467.0	1 495.6	1 566.7	1 651.0	+5.4
3	Paris / Charles De Gaulle FR	<i>1 067.0</i>	1 275.8	1 217.8	1 340.4	1 434.8	+7.0
4	London / Heathrow UK	1 306.8	1 412.0	1 389.3	1 342.6	1 393.2	+3.8
5	Brussel-Bruxelles / Brussels BE	687.4	660.4	694.5	713.5	734.2	+2.9
6	Köln-Bonn DE	438.3	621.9	646.8	691.0	709.3	+2.7
7	Luxembourg LU	499.9	616.6	624.8	633.7	702.8	+10.9
8	Liège / Bierset BE	270.3	382.3	325.7	406.5	489.9	+20.5
9	Milano / Malpensa IT	295.7	360.6	383.8	417.6	482.6	+15.6
10	København / Kastrup DK	419.4	335.6	355.1	380.0	395.5	+4.1
11	Madrid / Barajas ES	305.2	352.8	360.3	344.2	341.6	-0.8
12	Nottingham East Midlands UK	178.8	277.2	292.1	298.3	318.4	+6.8
13	München DE	148.4	192.5	218.2	238.1	265.3	+11.4
14	London / Stansted UK	167.8	239.0	254.8	241.3	225.3	-6.6
15	Wien / Schwechat AT	65.9	158.1	180.0	201.8	204.9	+1.5
16	Stockholm / Arlanda SE	<i>154.0</i>	<i>139.0</i>	<i>158.0</i>	<i>168.8</i>	<i>191.8</i>	+13.6
17	London / Gatwick UK	318.8	226.9	232.1	219.9	176.6	-19.7
18	Manchester UK	116.6	153.3	150.0	150.3	166.1	+10.6
19	Roma / Fiumicino IT	<i>153.3</i>	139.6	131.9	140.2	153.9	+9.8
20	Helsinki / Vantaa FI	96.1	118.0	114.9	123.5	141.3	+14.4
21	Bergamo / Orio Al Serio IT	98.9	129.6	135.1	139.4	133.8	-4.0
22	Frankfurt / Hahn DE	75.0	66.1	100.9	113.2	111.7	-1.3
23	Dublin IE	35.5	33.9	64.1	107.6	111.3	+3.5
24	Oostende BE	93.5	97.6	108.3	98.5	109.0	+10.6
25	Basel-Mulhouse FR/CH	124.4	88.3	83.6	95.8	107.3	+12.0
26	Athinai / Eleftherios Venizelos EL	<i>123.4</i>	104.1	100.7	102.4	98.0	-4.3
27	Lisboa PT	114.6	95.3	100.0	98.2	94.5	-3.8
28	Barcelona ES	88.1	83.6	94.5	97.9	92.1	-5.9
29	Leipzig-Halle DE	13.7	10.1	12.3	26.8	86.1	+221.1
30	Paris / Orly FR	<i>107.3</i>	78.1	80.0	76.0	76.7	+0.9
31	Budapest / Ferihegy HU	43.5	60.4	55.5	64.9	67.6	+4.2
32	Göteborg / Landvetter SE		66.5			60.2	
33	Maastricht-Aachen NL	44.3	44.2	54.6	54.1	57.8	+6.8
34	Düsseldorf DE	59.4	56.0	56.5	59.3	57.7	-2.8
35	Toulouse / Blagnac FR	37.8	51.6	56.2	58.5	55.1	-5.9
36	Praha / Ruzyně CZ	<i>34.9</i>	51.6	51.6	54.9	54.9	+0.1
37	Marseille / Provence FR	36.0	52.0	51.0	49.5	51.4	+3.7
38	Belfast UK	30.9	47.2	51.3	50.4	49.9	-1.0
39	Edinburgh UK	18.2	56.0	54.3	50.9	46.0	-9.8
40	Brescia / Montichiari IT		0.8	20.2	18.7	43.4	+131.6

Notes: Significant underreporting of Paris airports.

## Air: MOVEMENTS OF AIRCRAFT AT MAJOR EU AIRPORTS

(TAKE-OFF + LANDING, PASSENGER AND CARGO)

RANKING	(not including general aviation)		THOUSAND					% CHANGE '06/'07
			AIRPORT AND COUNTRY	2003	2004	2005	2006	
1	Paris / Charles De Gaulle	FR	545.4	549.8	543.4	559.7	569.3	+1.7
2	Frankfurt (Main)	DE	444.5	462.3	475.6	480.5	484.6	+0.8
3	London / Heathrow	UK	457.1	469.8	472.0	470.9	475.8	+1.0
4	Madrid / Barajas	ES	363.2	391.1	406.3	422.2	470.3	+11.4
5	Amsterdam / Schiphol	NL	394.9	404.9	408.2	429.5	443.7	+3.3
6	München	DE	338.9	366.0	382.3	387.8	407.6	+5.1
7	Barcelona	ES	257.1	277.3	294.3	312.4	339.0	+8.5
8	Roma / Fiumicino	IT	286.6	300.3	299.6	308.6	332.9	+7.9
9	London / Gatwick	UK	234.5	241.2	252.0	254.4	258.9	+1.8
10	Milano / Malpensa	IT	222.7	209.5	222.2	241.5	257.8	+6.8
11	Wien / Schwechat	AT	193.6	221.0	227.0	233.5	251.2	+7.6
12	København / Kastrup	DK	253.8	266.8	262.1	251.4	250.2	-0.5
13	Brussel-Bruxelles / Brussels	BE	231.2	229.8	228.7	231.7	240.3	+3.7
14	Paris / Orly	FR	211.6	228.0	230.8	234.9	238.4	+1.5
15	Düsseldorf	DE	173.3	187.7	189.0	208.1	223.4	+7.4
16	Manchester	UK	191.5	208.5	218.0	213.0	206.5	-3.1
17	Stockholm / Arlanda	SE	220.8	234.3	222.2	214.5	205.3	-4.3
18	Dublin	IE	163.3	164.0	169.6	183.4	200.9	+9.6
19	Athinaï / Eleftherios Venizelos	EL	159.1	179.9	170.3	179.9	193.1	+7.3
20	London / Stansted	UK	169.2	176.8	178.0	190.0	191.5	+0.8
21	Palma De Mallorca	ES	146.6	166.1	170.5	175.6	184.6	+5.1
22	Helsinki / Vantaa	FI	152.8	163.2	163.1	171.1	174.8	+2.1
23	Nice / Côte D'Azur	FR	169.3	155.0	158.1	165.4	173.6	+4.9
24	Praha / Ruzyne	CZ	105.2	134.2	150.2	155.5	164.1	+5.5
25	Hamburg	DE	127.1	130.0	134.2	145.9	151.8	+4.0
26	Warszawa / Okecie	PL	0.0	122.2	131.0	142.9	148.0	+3.6
27	Berlin / Tegel	DE	134.3	131.7	137.2	134.2	145.3	+8.3
28	Lisboa	PT	112.7	121.7	125.9	131.9	141.9	+7.6
29	Stuttgart	DE	118.5	131.9	135.0	138.5	139.7	+0.9
30	Köln-Bonn	DE	131.3	133.3	139.9	138.5	138.3	-0.2
31	Lyon / Saint Exupéry	FR	118.8	125.0	130.1	130.8	132.1	+1.0
32	București / Henri Coandă	RO	0.0	75.0	90.2	102.0	118.1	+15.9
33	Malaga	ES	91.1	102.7	111.1	113.1	115.5	+2.1
34	Edinburgh	UK	105.2	111.8	116.0	115.8	115.2	-0.6
35	Budapest / Ferihegy	HU	81.3	103.4	116.5	117.2	114.6	-2.1
36	Birmingham	UK	116.0	109.2	113.0	108.7	104.5	-3.8
37	Aberdeen	UK	76.8	80.7	89.5	97.9	102.8	+5.1
38	Las Palmas / Gran Canaria	ES	83.5	92.6	98.4	100.5	99.4	-1.1
39	Milano / Linate	IT	92.8	93.7	93.1	97.8	99.1	+1.3
40	Marseille / Provence	FR	84.0	88.6	90.3	92.1	98.5	+7.0

Notes: One movement per minute for 18 hours per day = 394 200 per year.

## Sea: INWARD AND OUTWARD FLOW OF PASSENGERS BY COUNTRY

### INWARDS

1 000	PASSENGERS		CRUISE PASSENGERS		CRUISE PASSENGERS	
	excluding cruise passengers		starting and ending a cruise		on excursion	
	2006	2007	2006	2007	2006	2007
<b>EU-27</b>						
<b>EU-15</b>	191 959					
<b>EU-12</b>						
BE	375	378	70	75		
BG		5		0		19
CZ						
DK	23 937	24 057	131	144	232	258
DE	14 309	14 766	219	264	0	0
EE	3 359	3 250	0	0	313	294
IE	1 572	1 578	93	104		37
EL	45 075	45 987	216	263		
ES	10 190	10 669	1 228	907	1 761	2 910
FR	13 094	13 306	154	231	1 190	1 246
IT	42 875		93		3 112	
CY	24	1	118	86	223	253
LV	105	179	0	0	41	65
LT	92	104	0	0	25	37
LU						
HU						
MT	97	3 893	12	9	0	472
NL	1 053	945				
AT						
PL	875	1 218	0	0		
PT	343	368		0		0
RO	0	0	0	0		12
SI						
SK						
FI	8 391	8 244	0	7	268	255
SE						
UK	14 359	14 594	534	562		
HR	11 490	12 265	26	33	734	872
IS						
NO	2 941	2 938	39	91	607	569



## Sea: INWARD AND OUTWARD FLOW OF PASSENGERS BY COUNTRY

### OUTWARDS

1 000	PASSENGERS		CRUISE PASSENGERS		CRUISE PASSENGERS	
	excluding cruise passengers		starting and ending a cruise		on excursion	
	2006	2007	2006	2007	2006	2007
<b>EU-27</b>						
<b>EU-15</b>	191 632					
<b>EU-12</b>						
BE	374	381	71	76		
BG		5		0		
CZ						
DK	23 945	24 063	132	145	0	0
DE	14 514	14 951	213	219	0	0
EE	3 332	3 273	0	0	0	0
IE	1 542	1 542	0	0		0
EL	44 897	45 908	214	265		
ES	10 227	10 654	521	903	476	353
FR	12 999	13 280	155	231	0	0
IT	42 934		81		0	
CY	0	0	86	87		
LV	112	183	0	0	0	0
LT	98	108	0	0		0
LU						
HU						
MT	98	3 891	11	9	0	0
NL	1 074	925				
AT						
PL	861	1 238	0	0		
PT	343	367		0		0
RO	0	0	0	0		0
SI						
SK						
FI	8 348	8 192	0	7	0	0
SE						
UK	14 507	14 739	530	569		
HR	11 523	12 272	22	41		
IS						
NO	3 292	3 334	8	84	2	0

## Sea

## PASSENGER TRAFFIC AT MAJOR EU SEAPORTS

## PASSENGERS EMBARKED AND DISEMBARKED

RANKING	THOUSAND					%		
	PORT AND COUNTRY	2000	2004	2005	2006		2007	CHANGE '06/07
1	Dover	UK	16 197	14 429	13 501	13 987	14 433	3.2
2	Paloukia Salaminas	EL		11 568	11 663	11 981	13 066	9.1
	Perama	EL		11 568	11 663	11 981	13 066	9.1
4	Calais	FR	15 066	13 259	11 695	11 460	11 519	0.5
5	Piraeus	EL	7 289	10 713	11 076	11 539	11 063	-4.1
6	Helsingør	DK	13 322	11 612	11 023	10 721	10 966	2.3
7	Helsingborg	SE	13 525	11 808	11 102	10 776	10 966	1.8
8	Messina	IT	11 898	10 128	9 802	10 834		
9	Reggio Di Calabria	IT	11 839	9 992	9 645	10 669		
10	Helsinki	FI	9 251	8 747	8 854	8 548	8 561	0.2
11	Stockholm	SE	7 746	7 823	8 211	8 054	8 127	0.9
12	Puttgarden	DE	5 430	6 741	6 760	6 789	7 069	4.1
13	Rødby (Færgehavn)	DK	5 430	6 744	6 761	6 789	7 058	4.0
14	Napoli	IT	6 748	6 801	6 084	6 804		
15	Tallinn	EE		6 452	6 701	6 447	6 220	-3.5
16	Palma De Mallorca	ES	1 864	3 773	4 611	4 942	5 275	6.7
17	Algeciras	ES		4 605	4 828	5 166	5 227	1.2
18	Capri	IT	5 404	4 771	3 860	4 940		
19	Santa Cruz De Tenerife	ES	4 927	5 164	4 564	4 343	4 592	5.7
20	Piombino	IT	3 161	3 702	3 277	3 948		
21	Cirkewwa	MT		3 512	3 463	3 555	3 795	6.8
	Mgarr, Gozo	MT		3 512	3 463	3 555	3 795	6.8
23	Olbia	IT	2 359	2 908	3 253	3 665		
24	Turku	FI	3 514	3 828	3 697	3 620	3 480	-3.9
25	Porto D'Ischia	IT	3 686	3 535	3 169	3 443		
26	Portoferraio	IT	2 641	3 195	2 829	3 198		
27	Mariehamn	FI	1 885	2 843	3 192	3 099	3 125	0.8
28	Frederikshavn	DK	3 726	3 449	3 004	2 859	2 894	1.2
29	Igoumenitsa	EL		2 221	2 338	2 531	2 683	6.0
30	Rostock	DE	1 767	2 253	2 417	2 557	2 585	1.1
31	Ceuta	ES	2 498	2 147	2 135	2 385	2 567	7.6
32	Civitavecchia	IT	2 241	2 145	2 099	2 500		
33	La Maddalena	IT	2 025	2 068	1 843	2 371		
34	Palau	IT	2 106	2 067	1 843	2 371		
35	Genova	IT	2 444	2 507	2 406	2 320		
36	Norddeich	DE	2 253	2 267	2 257	2 322	2 312	-0.4
37	Sjællands Odde	DK	2 283	2 381	2 310	2 270	2 233	-1.6
38	Rafina	EL	1 542	1 835	2 010	2 122	2 213	4.3
39	Bastia	FR	1 916	2 052	2 028	2 162	2 200	1.8
40	Livorno	IT	1 886	2 013	2 103	2 166		

## Sea

### FREIGHT TRAFFIC AT MAJOR EU SEAPORTS

#### TONNES LOADED AND UNLOADED

RANKING	PORT AND COUNTRY		MILLION					% CHANGE '06/'07
			2000	2004	2005	2006	2007	
1	Rotterdam	NL	302.545	330.865	345.819	353.576	374.152	5.8
2	Antwerpen	BE	116.003	135.511	145.835	151.705	165.512	9.1
3	Hamburg	DE	76.950	99.529	108.253	115.529	118.190	2.3
4	Marseille	FR	91.279	90.810	93.308	96.527	92.559	-4.1
5	Le Havre	FR	63.885	71.878	70.801	69.973	78.856	12.7
6	Grimsby & Immingham	UK	52.501	57.616	60.686	64.033	66.279	3.5
7	Amsterdam	NL	42.044	49.909	47.133	56.794	62.516	10.1
8	Algeciras	ES		52.637	55.184	60.023	62.128	3.5
9	London	UK	47.892	53.289	53.843	51.911	52.739	1.6
10	Dunkerque	FR	44.318	46.448	48.503	50.386	50.244	-0.3
11	Tees & Hartlepool	UK	51.472	53.819	55.790	53.348	49.779	-6.7
12	Valencia	ES	21.958	32.304	34.990	40.742	45.935	12.7
13	Taranto	IT	33.117	39.368	47.869	50.871	45.023	-11.5
14	Constantza	RO		37.652	44.556	42.888	44.916	4.7
15	Southampton	UK	34.773	38.431	39.947	40.556	43.815	8.0
16	Bremerhaven	DE	24.835	31.757	33.728	40.350	43.618	8.1
17	Wilhelmshaven	DE	43.402	44.956	45.977	43.106	42.643	-1.1
18	Barcelona	ES	25.787	36.321	37.061	38.267	41.040	7.2
19	Göteborg	SE	33.261	36.404	36.479	39.912	40.353	1.1
20	Genova	IT	43.797	45.880	42.640	44.425	40.228	-9.4
21	Trieste	IT	44.015	41.516	43.355	44.644	37.777	-15.4
22	Bilbao	ES	26.623	31.635	32.219	36.118	37.313	3.3
23	Forth	UK	41.143	34.892	34.218	31.556	36.681	16.2
24	Tallinn	EE		37.116	38.816	41.243	35.865	-13.0
25	Tarragona	ES	27.175	29.610	30.967	31.189	35.802	14.8
26	Milford Haven	UK	33.768	38.452	37.547	34.307	35.496	3.5
27	Zeebrugge	BE	32.660	24.893	28.442	32.763	34.843	6.3
28	Nantes Saint-Nazaire	FR	31.263	32.008	34.043	33.870	33.409	-1.4
29	Liverpool	UK	30.421	32.233	33.775	33.550	32.258	-3.9
30	Ventspils	LV		27.081	29.358	27.746	30.473	9.8
31	Venezia	IT	26.293	28.883	30.547	32.010	28.898	-9.7
32	Augusta	IT	29.938	31.699	33.041	30.979	28.379	-8.4
33	Gioia Tauro	IT	21.638	29.403	29.634	28.685	26.849	-6.4
34	Sines	PT	19.957	22.434	24.929	26.934	25.970	-3.6
35	Felixstowe	UK	29.686	23.413	23.144	24.370	25.685	5.4
36	Riga	LV		22.063	24.421	23.758	25.216	6.1
37	Ravenna	IT	22.492	25.406	24.253	27.639	25.170	-8.9
38	Dover	UK	17.434	20.753	21.145	23.805	25.144	5.6
39	Ghent	BE	24.717	20.302	22.133	24.107	24.988	3.7
40	Porto Foxi	IT	23.751	25.212	22.760	27.111	24.678	-9.0

Notes: The 2007 data given for Italian ports are based on provisional quarterly data.

## Sea

## INTRA-EU MARITIME TRANSPORT

(1) RELEVANCE OF INTRA-EU TRANSPORT  
IN TOTAL MARITIME TRANSPORT BY EU COUNTRY 2006

	INWARDS			OUTWARDS		
	total inwards	of which from EU	share of EU in total	total outwards	of which to EU	share of EU in total
	thousand tonnes	thousand tonnes	(%)	thousand tonnes	thousand tonnes	(%)
BE	123 622	47 496	35.9%	92 751	37 497	38.3%
BG	16 251	1 297	6.2%	11 263	3 371	29.5%
DK	52 523	46 897	64.8%	43 502	50 356	86.5%
DE	178 739	83 131	43.1%	118 410	60 958	48.1%
EE	6 126	5 172	86.1%	41 568	30 566	70.9%
IE	35 299	24 114	64.0%	13 224	12 641	89.2%
EL	75 967	63 539	51.2%	55 538	76 101	76.3%
ES	298 535	133 591	33.0%	115 705	102 285	56.1%
FR	245 363	87 057	29.4%	97 044	75 808	63.7%
IT	348 649	175 954	30.4%	157 340	183 499	69.7%
CY	6 262	1 132	34.4%	1 383	306	16.0%
LV	6 601	4 204	79.7%	49 205	39 320	74.5%
LT	8 467	3 385	53.0%	18 769	12 616	73.8%
MT	3 347	2 541	78.5%	231	161	55.8%
NL	358 353	85 663	24.2%	117 914	60 907	51.5%
PL	19 809	13 315	59.4%	33 104	22 996	69.6%
PT	45 461	23 803	40.7%	19 654	20 712	77.3%
RO	24 283	1 070	5.8%	21 723	5 075	21.7%
SI	10 501	3 160	30.6%	4 889	3 426	66.7%
FI	55 954	43 587	67.5%	46 939	47 224	88.1%
SE	82 557	68 524	71.6%	78 191	76 524	85.2%
UK	355 438	287 717	58.1%	213 269	222 886	76.1%

**Notes:** Data from main ports only (ports handling more than 1 million tonnes per year);  
(\*) The total goods transported data may be less than the sum of inward and outward traffic due to the double counting of tonnes moved within the same country (on next page).

## Sea

### INTRA-EU MARITIME TRANSPORT

#### (1) RELEVANCE OF INTRA-EU TRANSPORT IN TOTAL MARITIME TRANSPORT BY EU COUNTRY 2006

	TOTAL		
	total goods transported (*)	of which to/from EU	share of EU in total
	thousand tonnes	thousand tonnes	(%)
BE	216 015	84 278	36.9%
BG	27 511	4 662	16.1%
DK	88 096	81 395	72.9%
DE	294 478	138 750	44.6%
EE	47 549	35 448	72.1%
IE	47 709	35 126	70.8%
EL	108 004	92 640	53.9%
ES	386 697	180 791	34.9%
FR	335 662	149 372	37.6%
IT	435 393	218 265	33.0%
CY	7 635	1 421	31.2%
LV	55 719	43 350	74.8%
LT	27 235	16 001	70.0%
MT	3 577	2 702	77.3%
NL	476 267	146 569	30.7%
PL	52 657	35 796	66.4%
PT	59 620	33 530	45.9%
RO	46 005	6 145	13.3%
SI	15 391	6 588	40.9%
FI	97 862	80 748	75.6%
SE	153 005	129 564	76.7%
UK	520 718	414 628	61.4%

#### (2) MAIN ROUTES IN INTRA-EU MARITIME TRANSPORT 2006

RANKING	country of loading port	country of unloading port	mio tonnes transported
1	UK	UK	88.7
2	IT	IT	77.9
3	ES	ES	50.7
4	UK	NL	39.1
5	FR	UK	33.9
6	EL	EL	33.5
7	NL	UK	32.2
8	UK	FR	31.3
9	FR	FR	20.9
10	UK	DE	19.1
11	SE	DE	17.3
12	DK	DK	17.0
13	BE	UK	16.4
14	LV	UK	15.3
15	UK	BE	14.8
16	FI	DE	14.4
17	UK	IE	14.2
18	DK	SE	13.7
19	DE	SE	13.3
20	IT	ES	13.0
21	SE	SE	11.1
22	SE	FI	9.2
23	FR	ES	9.2
24	DE	UK	9.1
25	SE	UK	9.0
26	UK	ES	8.9
27	IT	EL	8.6
28	DE	FI	8.3
29	DE	DK	8.1
30	SE	DK	8.0

**Notes:** Data from main ports only (ports handling more than 1 million tonnes per year); the tonnes have been calculated by taking the declarations of the unloading ports (inward declarations) and adding those outward declarations of partner ports for which the inward declarations were missing.

## Sea

### CONTAINER TRAFFIC AT MAJOR EU SEAPORTS

RANKING			thousand TEU					%
	PORT AND COUNTRY		2002	2003	2004	2005	2006	CHANGE '05/06
1	Rotterdam	NL	6 505.2	7 117.7	8 242.2	9 194.6	9 575.4	4.1
2	Hamburg	DE	5 376.1	6 126.3	7 003.7	8 084.3	8 878.1	9.8
3	Antwerpen	BE	3 153.1	4 011.9	5 055.1	6 220.9	6 718.2	8.0
4	Bremerhaven	DE	3 004.4	3 158.8	3 501.3	3 696.1	4 479.3	21.2
5	Algeciras	ES	1 730.0	2 020.0		3 183.1	3 262.5	2.5
6	Felixstowe	UK	2 682.1	2 481.6	2 717.3	2 759.7	3 029.8	9.8
7	Gioia Tauro	IT	2 882.7	3 094.0	3 169.9	3 123.2	2 835.2	-9.2
8	Valencia	ES	1 826.2	2 012.3	2 153.6	2 415.0	2 614.8	8.3
9	Barcelona	ES	1 119.5	1 765.2	2 081.3	2 071.3	2 314.6	11.7
10	Le Havre	FR	1 754.1	2 014.6	2 157.9	2 144.3	2 118.9	-1.2
11	Southampton	UK	1 275.4	1 375.0	1 434.6	1 384.2	1 502.3	8.5
12	Piraeus	EL	1 395.3	1 605.7	1 550.7	1 401.1	1 412.6	0.8
13	Las Palmas, Gran Canaria	ES	714.0	952.4	1 098.0	1 209.7	1 291.1	6.7
14	Constantza	RO			391.2	867.0	1 170.4	35.0
15	Genova	IT	1 499.4	1 590.9	1 437.4	1 037.6	1 145.7	10.4
16	La Spezia	IT	780.0	835.7	879.3	915.6	1 086.5	18.7
17	Marseille	FR	811.4	835.2	920.0	910.6	950.2	4.4
18	Bilbao	ES	451.7	466.8	495.5	861.5	898.7	4.3
19	Zeebrugge	BE	329.0	327.9	457.6	682.3	895.5	31.2
20	Göteborg	SE	725.4	634.5	722.2	771.7	811.8	5.2
21	London	UK	874.7	894.9	966.0	765.1	742.6	-2.9
22	Dublin	IE	455.6	495.9	540.6	590.2	680.7	15.3
23	Liverpool	UK	487.5	564.9	601.1	613.1	613.4	0.1
24	Medway	UK	528.3	517.2	672.2	702.9	594.3	-15.5
25	Taranto	IT	450.2	564.3	514.4	445.1	563.5	26.6
26	Cagliari	IT	79.3	228.3	503.1	583.7	530.0	-9.2
27	Lisboa	PT	487.0	553.5	513.9	512.2	512.0	0.0
28	Livorno	IT	368.9	380.0	376.1	461.4	482.4	4.6
29	Kotka	FI	241.0	263.4	326.4	376.5	460.6	22.3
30	Gdynia	PL				392.9	458.7	16.7
31	Santa Cruz De Tenerife	ES	396.1	411.9	428.9	455.2	455.2	0.0
32	Málaga	ES	2.8	1.6	92.5	247.5	452.1	82.7
33	Aarhus	DK	307.8	330.1	341.3	397.2	426.7	7.4
34	Helsinki	FI	456.6	471.8	499.9	460.2	419.6	-8.8
35	Amsterdam	NL	44.6	43.1	41.4	61.9	403.6	552.5
36	Leixões	PT	304.3	320.6	349.4	351.8	378.2	7.5
37	Thessaloniki	EL	269.1	284.5	344.0	372.5	355.2	-4.6
38	Hull	UK	161.9	269.1	324.9	251.7	267.2	6.2
39	Lübeck	DE	51.4	83.8	111.2	141.7	263.8	86.2
40	Forth	UK	175.2	277.5	204.4	207.3	261.6	26.2

## Combined Transport TRAFFIC BY COMPANY

### TRAFFIC OF INTERNATIONAL UNION OF COMBINED ROAD-RAIL TRANSPORT COMPANIES (UIRR)

COMPANY	CONSIGNMENTS(*) (thousand)				%
	2000	2005	2006	2007	CHANGE '06/'07
<b>INTERNATIONAL TRAFFIC</b>					
Kombiverkehr, DE	374.835	351.371	375.836	402.148	7.0 %
Hupac, CH	231.060	291.157	346.060	396.641	14.6 %
Cemat, IT	149.395	236.824	266.493	270.822	1.6 %
ICA, AT		123.753	154.797	167.946	8.5 %
Ökombi, AT	148.769	90.677	117.456	113.412	-3.4 %
Polzug, PL			76.513	101.605	32.8 %
T.R.W., BE	57.747	85.889	98.516	98.786	0.3 %
Ralpin, CH		79.248	80.864	80.342	-0.6 %
Hupac NV, NL	26.400	57.085	69.554	71.567	2.9 %
Adria Combi, SI	19.229	41.131	53.044	64.944	22.4 %
Novatrans, FR		37.848	43.714	46.538	6.5 %
Alpe Adria, IT		22.170	26.989	34.173	26.6 %
Combiberia, ES		24.406	29.499	29.167	-1.1 %
Naviland Cargo, FR		12.804	15.629	18.791	20.2 %
Hungarocombi, HU	61.780	37.076	27.275	16.831	-38.3 %
Kombi Dan, DK		7.205	6.822	7.940	16.4 %
Bohemiakombi, CZ		1.424	3.643	5.309	45.7 %
Crokombi, HR		1.796	1.719	2.841	65.3 %
<b>NATIONAL TRAFFIC</b>					
Kombiverkehr, DE	163.290	224.989	285.551	306.099	7.2 %
Cemat, IT	194.327	187.125	173.361	177.228	2.2 %
Novatrans, FR	176.145	145.909	153.589	157.699	2.7 %
Ökombi, AT	117.146	46.792	88.174	115.776	31.3 %
Naviland Cargo, FR		111.592	68.838	82.787	20.3 %
Hupac, CH/DE/IT	16.200	33.610	40.972	46.746	14.1 %
ICA, AT		19.925	41.639	42.816	2.8 %
Adria Combi, SI		12.401	15.876	29.060	83.0 %
Alpe Adria, IT		20.324	22.479	21.888	-2.6 %
Polzug, PL			10.083	15.470	53.4 %
T.R.W., BE		5.117	12.474	14.586	16.9 %
Rocombi, RO		11.496	9.840	11.280	14.6 %

(\*) Consignment = equivalent of an average road transport (= 2.3 TEU)

## Combined Transport TRAFFIC BY COMPANY

### TRAFFIC OF UIRR COMPANIES

YEAR	TONNE-KILOMETRES (billion)		TRAFFIC % OF CONSIGNMENTS		
		of which: national	Semi-trailers	Rolling road	Swap bodies
1990	19.0	7.0	20%	18%	62%
1995	25.0	7.3	14%	19%	67%
1996	27.2	7.6	12%	20%	68%
1997	29.9	8.3	10%	19%	71%
1998	30.2	8.3	9%	20%	71%
1999	28.6	7.8	9%	22%	69%
2000	32.5	8.2	9%	23%	68%
2001	31.9	7.2	9%	24%	67%
2002	33.1	8.0	8%	23%	69%
2003	32.9	7.7	7%	23%	70%
2004	34.5	8.3	7%	16%	67%
2005	37.0	8.1	7%	13%	80%
2006	45.4	9.8	9%	16%	76%
2007	46.1	9.8	9%	14%	77%

### TRAFFIC OF INTERCONTAINER-INTERFRIGO

YEAR	thousand TEU	% change from previous year
2000	961.7	
2001	834.9	-13.2%
2002	758.6	-9.1%
2003	734.1	-3.2%
2004	702.8	-4.3%
2005	516.7	-26.5%
2006	429.8	-16.8%
2007	415.8	-3.3%

**Notes:** TEU: twenty foot equivalent unit (corresponds to 10-12 tonnes).



## Road

### ALPS CROSSING FREIGHT TRAFFIC

#### ALPINE ARC: MONTGENÈVRE TO BRENNER

MILLION TONNES					
	Switzerland		Austria	France	TOTAL
	St. Gotthard	Simplon Gr. St. Bernard St. Bernardino	Brenner Reschen	Montgenèvre Fréjus Mont-Blanc	
1985	1.9	0.8	15.0	12.3	30.0
1990	3.1	1.1	14.6	21.8	40.6
1994	5.1	1.1	18.4	26.5	51.1
1995	5.5	1.1	21.0	25.8	53.4
1996	5.9	1.2	20.1	25.0	52.2
1997	6.0	1.0	21.3	25.3	53.6
1998	6.5	1.2	23.9	26.3	57.9
1999	7.0	1.4	26.4	27.3	62.1
2000	7.6	1.3	26.6	27.2	62.7
2001	7.4	3.0	26.3	27.2	63.9
2002	7.5	3.0	27.3	26.3	64.1
2003	9.2	2.4	28.7	25.8	66.1
2004	9.9	2.6	33.5	22.3	68.3
2005	10.2	2.8	33.6	20.8	67.4
2006	10.0	2.9	36.1	22.3	71.3
2007	10.9	3.3	36.4	22.4	73.0
AVERAGE ANNUAL CHANGE					
'85/'96	+ 10.9 %	+ 3.8 %	+ 2.7 %	+ 6.7 %	+ 5.2 %
'96/'06	+ 5.4 %	+ 9.2 %	+ 6.0 %	- 1.1 %	+ 3.2 %
'06/'07	+ 9.0 %	+ 13.8 %	+ 0.8 %	+ 0.4 %	+ 2.4 %

Notes: Road: France: Montgenèvre: from 1999.

#### NUMBER OF HEAVY GOODS VEHICLES (thousand)

	Switzerland		Austria	France	TOTAL
	St. Gotthard	Simplon Gr. St. Bernard St. Bernardino	Brenner Reschen	Montgenèvre Fréjus Mont-Blanc	
1999	1 101	216	1 639	1 674	4 630
2000	1 187	217	1 653	1 672	4 729
2001	966	405	1 647	1 673	4 691
2002	858	391	1 710	1 581	4 540
2003	1 004	287	1 775	1 572	4 638
2004	969	286	2 118	1 515	4 888
2005	925	279	2 121	1 435	4 760
2006	856	326	2 268	1 529	4 979
2007	963	299	2 277	1 531	5 070

Notes: Internal, import, export and transit traffic.

## Road

### PYRENEES CROSSING TRAFFIC

#### GOODS TRAFFIC

VEHICLES PER DAY				
	West coast Bariatou (inc. A63)	East coast Le Perthus (inc. A9)	Other crossings	TOTAL
1997	5 657	6 729	880	13 266
1998	6 447	7 413	905	14 765
1999	6 914	8 018	914	15 846
2000	8 224	8 200	1 519	17 943
2001	8 806	8 050	1 172	18 028
2002	8 864	8 535	1 505	18 904
2003	9 276	8 920	1 758	19 954
2004	10 655	9 302	1 875	21 832
2005	9 970	9 243	1 825	21 038
2006	10 390	9 602	1 939	21 931

#### PASSENGER CAR TRAFFIC

VEHICLES PER DAY				
	West coast Bariatou (inc. A63)	East coast Le Perthus (inc. A9)	Other crossings	TOTAL
1997	30 200	19 400	27 800	77 400
1998	30 230	20 601	33 168	83 999
1999	33 188	20 678	33 412	87 278
2000	40 923	24 390	31 962	97 275
2001	41 847	25 201	34 096	101 144
2002	41 812	28 544	37 654	108 010
2003	44 165	29 201	41 267	114 633
2004	45 041	30 923	41 196	117 160
2005	47 142	31 896	42 465	121 503
2006	47 172	32 180	43 228	122 580

## Rail

## ALPS AND PYRENEES CROSSING TRAFFIC

## ALPS CROSSING FREIGHT TRAFFIC (1)

Alpine Arc: Mont Cenis to Brenner					MILLION TONNES
	Switzerland		Austria	France	TOTAL
	St. Gotthard	Simplon Lötschberg	Brenner	Mont- Cenis	
1985	11.2	2.8	4.7	7.5	26.2
1990	13.6	4.3	5.5	7.2	30.6
1994	13.2	4.7	8.3	7.7	33.9
1995	13.6	4.4	8.4	8.0	34.4
1996	11.7	4.0	7.9	9.7	33.3
1997	13.7	4.3	7.8	10.1	35.9
1998	15.0	4.3	8.6	9.3	37.2
1999	14.9	3.5	8.3	9.2	35.9
2000	16.8	3.8	8.7	9.4	38.7
2001	15.8	4.8	10.7	8.6	39.9
2002	14.2	4.8	10.5	8.6	38.1
2003	14.3	5.6	10.7	7.8	38.4
2004	16.1	6.8	10.7	6.9	40.5
2005	15.6	8.1	10.0	5.9	39.6
2006	16.2	9.0	11.6	6.1	42.9
2007	15.5	9.7	13.3	6.6	45.1
AVERAGE ANNUAL CHANGE					
'85/'96	+ 0.4 %	+ 3.3 %	+ 4.8 %	+ 2.4 %	+ 2.2 %
'96/'06	+ 3.3 %	+ 8.4 %	+ 3.9 %	- 4.5 %	+ 2.6 %
'06/'07	- 4.3 %	+ 7.8 %	+ 14.7 %	+ 8.2 %	+ 5.1 %

## PYRENEE CROSSING FREIGHT TRAFFIC (2)

Spain – France			MILLION TONNES	
	West coast Hendaye – Irun	East coast Cerbère / Port Bou	Total pure rail	Intermodal rail
1995			3.553	
1996			3.995	
1997	2.000	2.800	4.795	
1998	1.934	2.500	4.442	
1999	1.600	2.600	4.241	2.793
2000	1.800	2.800	4.583	2.995
2001	1.800	2.400	4.188	2.739
2002	1.739	2.413	4.161	3.033
2003			4.284	2.841
2004			4.563	3.050
2005			4.503	3.074
2006			4.471	3.366

## Rail

### CHANNEL TUNNEL TRAFFIC

#### UNITED KINGDOM – FRANCE

	SHUTTLE			
	Vehicles			Passengers
	PASSENGER		FREIGHT	( <sup>1</sup> )
	thousand cars	thousand coaches	thousand	million
1995	1 223	23.0	391	4.2
1996	2 077	58.0	519	7.9
1997	2 329	54.0	268	8.6
1998	3 351	97.0	705	12.2
1999	3 260	82.0	839	10.8
2000	2 784	79.5	1 133	10.1
2001	2 530	75.5	1 198	9.3
2002	2 336	71.9	1 231	8.7
2003	2 279	71.9	1 285	8.5
2004	2 101	63.5	1 281	7.8
2005	2 047	77.3	1 309	8.2
2006	2 022	67.2	1 296	7.7
2007	2 142	65.3	1 415	7.9

	THROUGH-TRAIN	
	Passengers	Freight
	million	thousand tonnes
1995	2.920	1 411
1996	4.866	2 361
1997	6.004	2 925
1998	6.307	3 141
1999	6.593	2 865
2000	7.130	2 947
2001	6.947	2 447
2002	6.603	1 464
2003	6.315	1 744
2004	7.277	1 899
2005	7.454	1 588
2006	7.858	1 569
2007	8.261	1 214

**Notes:** The Channel Tunnel opened in 1994.

(<sup>1</sup>) Since 2000, estimate based on 2.52 passengers per car and 38.75 passengers per coach.

## Road LENGTH OF MOTORWAYS

	km (at end of year)						
	1990	1995	2000	2003	2004	2005	2006
<b>EU-27</b>	41 885	47 970	54 700	58 850	60 100	62 000	63 400
<b>EU-15</b>	39 616	45 468	51 471	55 292	56 294	58 000	59 205
<b>EU-12</b>	2 269	2 502	3 229	3 558	3 806	4 000	4 195
BE	1 666	1 666	1 702	1 729	1 747	1 747	1 763
BG	273	277	319	328	331	331	394
CZ	357	414	501	518	546	564	633
DK	611	796	923	1 010	1 027	1 032	1 032
DE	10 854	11 190	11 712	12 044	12 174	12 363	12 531
EE	41	65	93	98	96	99	99
IE	26	70	103	176	192	247	270
EL	190	421	615	958	1 001	1 041	1 056
ES	4 976	6 962	9 049	10 296	10 747	11 432	12 073
FR	6 824	8 275	9 766	10 379	10 383	10 804	10 842
IT	6 193	6 435	6 478	6 487	6 532	6 542	6 554
CY	120	167	257	268	268	276	257
LV	-	-	-	-	-	-	-
LT	421	394	417	417	417	417	309
LU	78	123	114	147	147	147	147
HU	267	335	448	542	569	636	785
MT	-	-	-	-	-	-	-
NL	2 092	2 208	2 265	2 541	2 585	2 600	2 604
AT	1 445	1 596	1 633	1 670	1 677	1 677	1 678
PL	257	246	358	484	552	552	583
PT	316	687	1 482	2 002	2 091	2 341	2 545
RO	113	113	113	113	228	228	228
SI	228	293	427	477	483	569	579
SK	192	198	296	313	316	328	328
FI	225	394	549	653	653	693	700
SE	939	1 262	1 499	1 591	1 700	1 700	1 740
UK	3 181	3 383	3 581	3 609	3 638	3 634	3 670
HR	291		411	554	742	792	877
MK	83			208	208	216	216
TR	281		1 773	1 881	1 892	1 775	1 987
IS	-	-	-	-	-	11	11
NO	73	107	144	194	194	264	271
CH	1 148	1 197	1 270	1 351	1 341	1 358	1 361

**Notes:** ES: 'autopistas de peaje' and 'autovías y autopistas libres'.

CY: from 2006: without urban M-ways.

NL: all national roads ('Rijkswegen') with dual carriageways.

## Road

### LENGTH OF ROAD NETWORK(\*)

	km (end of 2006)			
	Motorways	Main or national roads	Secondary or regional roads	Other roads (*)
BE	1 763	12 585	1 349	136 559
BG	394	2 969	4 021	11 989
CZ	633	6 174	48 778	72 927
DK	1 032	641	9 683	61 006
DE	12 531	40 711	178 117	
EE	99	1 502	14 878	41 074
IE	270	5 157	11 645	79 447
EL	1 056	10 189	30 864	75 600
ES	12 073	13 731	140 535	501 053
FR	10 842	10 218	377 205	615 607
IT	6 554	21 524	147 364	
CY	257	2 427	1 933	3 371
LV	0	1 622	18 545	49 508
LT	309	1 750	19 575	58 659
LU	147	837	1 910	
HU	785	6 734	23 539	158 760
MT	0	184	665	1 379
NL	2 604	2 600	7 745	121 999
AT	1 678	10 396	23 688	71 059
PL	583	13 618	24 122	166 249
PT	2 545	5 845	4 500	
RO	228	15 755	63 969	
SI	579	956	4 886	32 138
SK	328	3 359	14 141	25 942
FI	700	12 564	28 453	36 472
SE	1 740	13 660	82 900	325 000
UK	3 670	49 025	122 247	248 433
HR	877	6 992	10 544	10 375
MK	216	690	3 812	8 995
TR	1 987	31 335	30 429	
IS	11	4 213	3 999	4 825
NO	271	27 046	27 075	38 528
CH	1 361	397	18 117	51 446

**Notes:** (\*) The definition of road types varies from country to country, the data are therefore not comparable; 'Other roads' sometimes includes roads without a hard surface.

EL: end of 2005, except for motorway estimate.

## Railways

### LENGTH OF LINES IN USE

	km						km	%
	1990	1995	2000	2005	2006	2007	OF WHICH: ELECTRIFIED 2007	
<b>EU-27</b>	231 582	227 105	217 349	215 542	215 856	212 336	109 564	51.6
<b>EU-15</b>	162 132	160 000	151 938	153 515	154 087	150 763	82 505	54.7
<b>EU-12</b>	69 450	67 105	65 411	62 027	61 769	61 573	27 059	43.9
BE	3 479	3 368	3 471	3 544	3 560	3 374	3 002	89.0
BG	4 299	4 294	4 320	4 154	4 146	4 143	2 806	67.7
CZ		9 430	9 444	9 614	9 597	9 588	3 060	31.9
DK	2 838	2 843	2 758	2 646	2 646	2 646	636	24.0
DE	40 981	41 718	36 588	34 221	34 122	33 890	19 544	57.7
EE	1 026	1 021	968	959	962	816	131	16.1
IE	1 944	1 954	1 919	1 919	1 919	1 919	52	2.7
EL	2 484	2 474	2 385	2 576	2 509	2 551	199	7.8
ES	14 539	14 291	13 868	14 452	14 652	15 012	8 730	58.2
FR	34 070	31 939	29 272	29 286	29 463	29 918	15 133	50.6
IT	16 066	16 003	16 187	16 545	16 627	16 667	11 731	70.4
CY	-	-	-	-	-	-	-	-
LV	2 397	2 413	2 331	2 270	2 269	2 265	257	11.3
LT	2 007	2 002	1 905	1 771	1 771	1 766	122	6.9
LU	271	275	274	275	275	275	262	95.3
HU	7 838	7 714	8 005	7 950	7 960	7 942	2 793	35.2
MT	-	-	-	-	-	-	-	-
NL	2 798	2 739	2 802	2 811	2 776	2 776	2 028	73.1
AT	5 624	5 672	5 665	5 691	5 818	5 818	3 545	60.9
PL	26 228	23 986	22 560	19 507	19 429	19 419	11 831	60.9
PT	3 064	2 850	2 814	2 844	2 839	2 838	1 435	50.6
RO	11 348	11 376	11 015	10 948	10 781	10 777	3 979	36.9
SI	1 196	1 201	1 201	1 228	1 228	1 228	503	41.0
SK		3 668	3 662	3 626	3 626	3 629	1 577	43.5
FI	5 867	5 880	5 854	5 732	5 905	5 899	3 047	51.7
SE	11 193	10 925	11 037	11 017	11 020	10 972	7 848	71.5
UK	16 914	17 069	17 044	19 956	19 956	16 208	5 313	32.8
HR	2 429	2 296	2 726	2 726	2 722	2 722	980	36.0
MK	696	699	699	699	699	699	234	33.5
TR	8 429	8 549	8 671	8 697	8 697	8 697	1 920	22.1
IS	-	-	-	-	-	-	-	-
NO	4 044	4 023	4 179	4 087	4 087	4 114	2 552	62.0
CH	3 215	3 232	3 216	3 399	3 563	3 563	3 563	100.0

Notes: CS: 1990: 13 111 (included in EU27 and EU12 totals).

## Railways

### HIGH SPEED RAIL NETWORK

#### LENGTH OF LINES (1)

	km (at end of year)						
	BE	DE	ES	FR	IT	UK	EU
1985	-	-	-	417	224	-	641
1990	-	90	-	699	224	-	1 013
1995	-	447	471	1 220	248	-	2 386
2000	58	636	471	1 278	248	-	2 691
2001	58	636	471	1 573	248	-	2 986
2002	120	833	471	1 573	248	-	3 245
2003	120	875	1 069	1 573	248	74	3 959
2004	120	1 202	1 069	1 573	248	74	4 286
2005	120	1 202	1 090	1 573	468	74	4 527
2006	120	1 291	1 272	1 573	562	74	4 892
2007	120	1 300	1 516	1 893	562	113	5 504
2008	120	1 300	1 594	1 893	744	113	5 764

#### HIGH-SPEED LINES CURRENTLY UNDER CONSTRUCTION (2)

	LINE	LENGTH – km	START OF OPERATION
BE	Liège – German border	36	2009
BE	Antwerpen – Dutch border	36	2009
NL	Amsterdam / Schiphol – Belgian border	120	2009
DE	München – Augsburg	62	2010
DE	Gröbers – Erfurt	98	2015
DE	Nürnberg – Erfurt	218	2017
ES	Madrid – Valencia / Alicante / Murcia	902	2012
ES	Vitoria – Bilbao – San Sebastian	175	2012
ES	Variante de Pajares	50	2012
ES	Ourense – Santiago	88	2012
ES	Bobadilla – Granada	109	2012
ES	La Couna – Vigo	158	2012
ES	Barcelona – Figueras	132	2012
FR/ES	Perpignan – Figueras	44	2009
FR	Nimes – Montpellier	70	2012
FR	Dijon – Mulhouse	140	2012
IT	Bologna – Firenze	77	2009
IT	Novara – Milano	55	2009

**Notes:** (1) Length of lines or of sections of lines on which trains can go faster than 250 km/h at some point during the journey.

(2) The length indicated above is the length of the line under construction and not necessarily the distance between the places named.



## Railways: MAIN RAILWAY GAUGE AND ELECTRIC CURRENT USED

	TRACK GAUGE	ELECTRIC CURRENT		
	mm	dc volts	ac volts	
BE	1 435	3 000	25 000	50 Hz
BG	1 435		25 000	50 Hz
CZ	1 435	3 000	25 000	50 Hz
DK	1 435	3 000	25 000	50 Hz
DE	1 435	800 - 1 200 (contact rail)	15 000	16.7 Hz
EE	1 520	3 000		
IE	1 600	1 500		
EL	600 1 000 1 435		25 000	50 Hz
ES (*)	1 000 1 435 1 668	1 500 3 000	25 000	50 Hz
FR	1 000 1 435	750 - 850 (contact rail) 1 500	25 000	50 Hz
IT	1 435	3 000	25 000	50 Hz
CY	-	-	-	-
LV	1 520	3 000		
LT	1 520		25 000	50 Hz
LU	1 435		25 000	50 Hz
HU	1 435		25 000	50 Hz
MT	-	-	-	-
NL	1 435	1 500		
AT	1 435		15 000	16.7 Hz
PL	1 435	3 000		
PT	1 000 1 668		25 000	50 Hz
RO	1 435		25 000	50 Hz
SI	1 435	3 000		
SK	1 435	3 000	25 000	50 Hz
FI	1 524		25 000	50 Hz
SE	1 435		15 000	16.7 Hz
UK	1 435 1 600 (N-IRL)	750 (contact rail)	25 000	50 Hz

**Notes:** 1 435 mm = standard gauge.

(\*) ES: new lines have a gauge of 1 435 mm and an electric current of 25 000 50 Hz.

UK: (N-IRL): Northern Ireland.

## Air

### NUMBER OF AIRPORTS

#### BY NUMBER OF PASSENGERS CARRIED (\*) PER YEAR

	more than 10 million	5 to 10 million	1 to 5 million	500 000 to 1 million	100 000 to 500 000	15 000 to 100 000
EU-27	31	29	92	43	116	81
EU-15	30	26	77	40	102	72
EU-12	1	3	15	3	14	9
BE	1		1		3	
BG			3		1	1
CZ	1				2	1
DK	1		1	2	3	2
DE	7	2	8	4	5	7
EE			1			
IE	1		2	1	3	3
EL	1	1	5	3	13	8
ES	5	4	17	3	6	5
FR	3	3	10	8	23	13
IT	2	6	13	5	8	4
CY		1	1			
LV			1			1
LT			1		1	1
LU			1			
HU		1			1	1
MT			1			
NL	1		2		2	
AT	1		1	3	1	
PL		1	4	1	4	
PT	1	1	2	1	3	2
RO			1	2	4	2
SI			1			
SK			1		1	2
FI	1			2	9	9
SE	1		4	3	14	10
UK	4	9	10	5	9	9
HR			3	1	3	2
MK				1		1
TR	2	1	6	6	7	16
IS			1		3	3
NO	1		6	3	9	23
CH	2		1		1	2

**Notes:** (\*) 'Passengers carried' means that direct transit passengers (i.e. transit passengers who stay on board and continue their flight with the same flight number) are not included. Airports are grouped according to 2007 passenger volumes. In this table, blank means none.

## Inland Waterways

### LENGTH IN USE

#### NAVIGABLE CANALS, RIVERS AND LAKES REGULARLY USED FOR TRANSPORT

	km						
	1990	1995	2000	2003	2004	2005	2006
<b>EU-27</b>		38 963	41 152	40 946	42 808	42 870	43 011
<b>EU-15</b>	29 474	29 608	32 169	32 021	33 889	33 950	34 091
<b>EU-12</b>		9 355	8 983	8 925	8 919	8 920	8 920
BE	1 515	1 540	1 532	1 532	1 532	1 532	1 532
BG	470	470	470	470	470	470	470
CZ		677	664	664	664	664	664
DK	-	-	-	-	-	-	-
DE	6 669	7 343	7 300	7 305	7 305	7 305	7 309
EE		520	320	320	320	320	320
IE	-	-	-	-	-	-	-
EL	6	6	6	6	6	6	6
ES	70	70	70	70	70	70	70
FR	6 197	5 962	5 789	5 384	5 372	5 372	5 372
IT	1 366	1 466	1 477	1 562	1 562	1 562	1 562
CY	-	-	-	-	-	-	-
LV	12	12	12	12	12	12	12
LT	369	369	380	425	425	425	425
LU	37	37	37	37	37	37	37
HU	1 373	1 373	1 373	1 440	1 439	1 440	1 440
MT	-	-	-	-	-	-	-
NL	5 046	5 046	5 046	5 046	6 595	6 595	6 595
AT	351	351	351	351	351	351	351
PL	3 997	3 980	3 813	3 643	3 638	3 638	3 638
PT	124	124	124	124	124	124	124
RO	1 782	1 782	1 779	1 779	1 779	1 779	1 779
SI	-	-	-	-	-	-	-
SK		172	172	172	172	172	172
FI	6 072	6 120	8 894	9 149	9 480	9 541	9 678
SE	390	390	390	390	390	390	390
UK	1 631	1 153	1 153	1 065	1 065	1 065	1 065
HR							
MK	-	-	-	-	-	-	-
TR	-	-	-	-	-	-	-
IS	-	-	-	-	-	-	-
NO	-	-	-	-	-	-	-
CH	1 217	1 208	1 244	1 244	1 239	1 240	1 240

**Notes:** The inland waterways of EL (Korinthos Canal), ES (Guadalquivir) and PT (Douro, Guadiana, Tejo) are used by seagoing ships only.  
 FI: includes all public waterways and inland boat routes.  
 CH: lakes and rivers mainly used for public transport of passengers.

## Pipelines

### LENGTH OF OIL PIPELINES

	km						
	1990	1995	2000	2003	2004	2005	2006
<b>EU-27</b>			<i>32 867</i>	<i>33 362</i>	<i>33 519</i>	<i>33 573</i>	<i>33 589</i>
<b>EU-15</b>	19 125	<i>20 631</i>	<i>22 162</i>	<i>22 638</i>	<i>22 810</i>	<i>22 770</i>	<i>22 786</i>
<b>EU-12</b>			<i>10 705</i>	<i>10 724</i>	<i>10 709</i>	<i>10 803</i>	<i>10 803</i>
BE	301	294	294	294	294	294	294
BG	578	578	578	578	578	578	578
CZ		568	675	675	675	675	675
DK	444	330	330	330	330	330	330
DE	3 038	2 460	2 370	2 370	2 370	2 370	2 370
EE	-	-	-	-	-	-	-
IE	-	-	-	-	-	-	-
EL	-	-	-	70	122	122	122
ES	2 678	3 691	3 780	3 784	3 831	3 833	3 841
FR	4 948	4 983	5 746	5 746	5 746	5 746	5 746
IT	4 086	4 235	4 346	4 377	4 370	4 328	4 336
CY	-	-	-	-	-	-	-
LV	766	766	766	766	766	860	860
LT		400	500	500	500	500	500
LU	-	-	-	-	-	-	-
HU			2 043	2 047	2 047	2 047	2 047
MT	-	-	-	-	-	-	-
NL	391	391	418	418	418	418	418
AT	777	777	777	777	777	777	777
PL	2 039	2 278	2 278	2 293	2 278	2 278	2 278
PT	-	-	147	147	147	147	147
RO	3 694		3 350	3 350	3 350	3 350	3 350
SI	-	-	-	-	-	-	-
SK		515	515	515	515	515	515
FI	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-
UK	2 462	3 470	3 954	4 325	4 405	4 405	4 405
HR	865	601	601	601	601	610	610
MK				144	144	144	144
TR				3 065	3 065	3 065	3 065
IS	-	-	-	-	-	-	-
NO	521					1 189	1 189
CH	239		108	108	108	108	108

**Notes:** Including oil pipelines under the sea.

DE: Crude oil pipelines only.

CS: 1990: 1 090 km.

## Road MOTORIZATION

NUMBER OF PASSENGER CARS PER THOUSAND INHABITANTS							%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>	345	381	417	448	456	464	1.8
<b>EU-15</b>	405	435	465	489	495	500	1.0
<b>EU-12</b>	140	191	242	296	307	325	6.0
BE	387	421	456	468	470	473	0.7
BG	152	196	245	329	230	272	18.4
CZ	234	295	335	386	399	412	3.2
DK	309	320	347	362	371	378	1.9
DE	461	495	475	493	498	501	0.5
EE	154	269	339	367	413	391	-5.4
IE	228	276	348	400	418	434	3.8
EL	170	207	292	387	407	428	5.2
ES	309	360	431	463	470	481	2.2
FR	476	481	503	499	504	508	0.9
IT	483	533	572	590	597	598	0.3
CY	304	335	384	463	479	521	8.7
LV	106	134	236	324	360	398	10.6
LT	133	199	336	428	470	472	0.3
LU	477	556	622	655	661	665	0.6
HU	187	218	232	287	293	300	2.2
MT		487	483	525	535	548	2.5
NL	367	364	409	434	442	451	1.9
AT	388	452	511	503	507	510	0.6
PL	138	195	261	323	351	383	9.0
PT	171	255	336	397	405	412	1.9
RO	56	99	124	156	167	164	-1.6
SI	294	357	435	479	488	501	2.7
SK	166	189	237	242	247	265	7.4
FI	388	371	412	462	475	485	2.1
SE	419	411	450	459	461	464	0.6
UK	361	378	425	469	471	476	0.9
HR		158	253	312	323	336	4.0
MK		145	148	124	119	122	3.1
TR		49	65	80	88	92	4.1
IS	468	445	561	625	641	668	4.2
NO	380	386	411	437	445	455	2.2
CH	442	457	492	518	519	521	0.3
LI	582	609	663	699	691	689	-0.2

**Notes:** Passenger car stock at end of year n has been divided by population on 1 January of year n+1.

## Road PASSENGER CARS

### STOCK OF REGISTERED VEHICLES

	thousand						%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>	162 899	181 751	200 868	220 223	224 676	229 764	2.3
<b>EU-15</b>	147 892	161 539	175 513	189 611	192 985	196 160	1.6
<b>EU-12</b>	15 007	20 212	25 355	30 612	31 691	33 604	6.0
BE	3 864	4 273	4 678	4 919	4 976	5 049	1.5
BG	1 317	1 648	1 993	2 538	1 768	2 082	17.8
CZ	2 410	3 043	3 439	3 959	4 109	4 280	4.2
DK	1 590	1 679	1 854	1 965	2 020	2 068	2.4
DE	36 772	40 499	39 059	40 660	41 020	41 184	0.4
EE	241	383	464	494	554	524	-5.5
IE	801	998	1 333	1 684	1 802	1 910	6.0
EL	1 736	2 205	3 195	4 303	4 543	4 799	5.6
ES	11 996	14 212	17 449	20 250	20 909	21 760	4.1
FR	27 072	27 872	29 808	30 497	31 002	31 443	1.4
IT	27 416	30 301	32 584	34 667	35 297	35 680	1.1
CY	179	220	268	355	373	411	10.2
LV	283	332	557	742	822	905	10.1
LT	493	718	1 172	1 455	1 592	1 588	-0.3
LU	183	229	273	307	315	322	2.2
HU	1 944	2 245	2 365	2 889	2 954	3 012	2.0
MT	120	181	189	213	218	225	3.1
NL	5 509	5 633	6 539	7 092	7 230	7 392	2.2
AT	2 991	3 594	4 097	4 157	4 205	4 246	1.0
PL	5 261	7 517	9 991	12 339	13 384	14 589	9.0
PT	1 700	2 560	3 443	4 200	4 290	4 379	2.1
RO	1 292	2 197	2 778	3 364	3 603	3 541	-1.7
SI	587	711	866	960	980	1 014	3.5
SK	880	1 016	1 274	1 304	1 334	1 434	7.5
FI	1 939	1 901	2 135	2 430	2 506	2 570	2.6
SE	3 601	3 631	3 999	4 154	4 202	4 258	1.3
UK	20 722	21 951	25 067	28 326	28 667	29 101	1.5
HR		711	1 125	1 385	1 436	1 491	3.9
MK		286	300	253	242	250	3.3
TR		3 059	4 422	5 773	6 141	6 472	5.4
IS	120	119	159	187	197	209	6.2
NO	1 613	1 685	1 852	2 029	2 084	2 155	3.4
CH	2 985	3 229	3 545	3 861	3 900	3 956	1.4
LI	17	19	22	24	24	24	0.3

**Notes:** Stock at end of year, except for BE: 1 August, CH: 30 September, LI: 1 July.  
DE: revised series from 1997.  
EE and RO: cleaned up database in 2007.

## Road BUSES AND COACHES

### STOCK OF REGISTERED VEHICLES

	thousand						%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>		752.92	776.84	790.32	790.87	797.57	0.8
<b>EU-15</b>	<i>480.08</i>	483.67	523.30	548.50	558.31	566.14	1.4
<b>EU-12</b>		269.26	253.55	241.82	232.56	231.43	-0.5
BE	15.64	14.65	14.72	15.39	15.33	15.48	1.0
BG	34.60	41.84	43.01	37.80	22.80	23.90	4.8
CZ	20.47	20.47	18.99	20.85	21.08	21.16	0.4
DK	8.11	13.67	13.97	14.40	14.55	14.48	-0.5
DE	100.37	85.43	77.18	75.20	75.09	75.07	0.0
EE	7.90	7.00	6.10	5.19	5.38	4.31	-19.9
IE	4.05	5.28	6.96	7.63	8.00	8.45	5.7
EL	21.43	24.60	27.04	26.83	26.94	27.10	0.6
ES	45.77	47.38	54.73	58.25	59.11	61.04	3.3
FR	73.70	81.80	85.75	90.06	92.15	94.39	2.4
IT	77.73	75.02	87.96	94.44	96.10	96.42	0.3
CY	2.31	2.67	2.95	3.22	3.22	3.29	2.2
LV	12.14	16.47	11.50	10.64	10.63	10.62	0.0
LT	15.20	17.58	15.54	15.31	15.62	14.49	-7.2
LU	0.76	0.87	1.05	1.34	1.38	1.46	5.5
HU	26.44	20.46	17.86	17.45	17.72	17.90	1.0
MT	0.98	1.01	1.13	1.14	1.15	1.17	1.5
NL	12.10	11.64	11.37	11.00	10.85	11.09	2.3
AT	9.40	9.75	9.92	9.30	9.30	9.30	0.0
PL	92.40	85.41	82.59	79.57	83.50	87.59	4.9
PT	12.10	15.02	19.78	14.67	15.00	15.10	0.7
RO	28.27	42.05	40.72	39.27	40.42	34.20	-15.4
SI	3.08	2.47	2.26	2.26	2.28	2.33	2.3
SK	14.30	11.81	10.92	9.11	8.78	10.48	19.3
FI	9.33	8.08	9.85	10.92	11.19	11.54	3.2
SE	14.60	14.58	14.42	13.48	13.64	13.32	-2.4
UK	75.00	75.90	88.60	105.60	109.70	111.90	2.0
HR	5.84	3.90	4.66	4.85	4.91	5.04	2.6
MK	2.32	2.54	2.50	2.27	2.25	2.25	0.0
TR	188.10	263.25	354.34	501.93	533.47	561.73	5.3
IS	1.33	1.30	1.67	1.90	1.93	1.94	0.7
NO	21.22	32.52	36.69	28.78	26.95	25.20	-6.5
CH	31.18	36.52	40.26	45.79	46.45	48.03	3.4
LI			0.10	0.11	0.11	0.10	-4.7

**Notes:** Stock at end of year, except for BE: 1 August, CH: 30 September, LI: 1 July.

Trolleybuses are usually included in the data.

DE: revised series from 1997.

EE and RO: cleaned up database in 2007.

## Road GOODS VEHICLES

### STOCK OF REGISTERED VEHICLES

	thousand						%
	1990	1995	2000	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>		22 811.7	27 098.8	31 177.1	32 083.7	33 193.6	3.5
<b>EU-15</b>	17 536.5	19 849.3	23 256.3	26 452.9	27 214.1	28 080.5	3.2
<b>EU-12</b>		2 962.4	3 842.5	4 724.2	4 869.6	5 113.2	5.0
BE	380.4	442.5	548.4	652.1	670.4	690.7	3.0
BG	161.6	223.2	259.4	333.9	226.1	261.3	15.6
CZ		219.3	298.3	439.2	490.9	554.8	13.0
DK	286.6	333.8	384.9	469.5	508.8	536.6	5.5
DE	1 653.0	2 378.7	2 419.1	2 404.9	2 471.2	2 503.0	1.3
EE	67.7	65.6	82.1	86.2	92.9	80.3	-13.5
IE	143.2	141.8	205.6	286.5	318.6	345.9	8.6
EL	766.4	883.8	1 057.4	1 186.5	1 219.9	1 255.9	3.0
ES	2 401.1	3 024.2	3 923.2	4 849.6	5 087.3	5 353.3	5.2
FR	4 670.0	4 926.0	5 151.7	5 346.7	5 344.8	5 476.0	2.5
IT	2 349.0	2 708.8	3 377.6	4 179.7	4 331.7	4 437.6	2.4
CY	74.3	101.2	114.7	118.4	115.7	117.5	1.5
LV		68.7	97.1	113.1	121.1	129.6	7.0
LT	83.0	108.9	98.6	122.5	135.5	147.6	8.9
LU	11.3	15.8	24.7	29.6	30.7	32.5	5.8
HU	262.0	292.1	366.4	427.6	444.4	459.4	3.4
MT		40.8	51.5	44.4	45.5	46.9	3.0
NL	553.0	654.0	899.3	1 004.5	995.7	1 010.4	1.5
AT	261.8	302.9	344.5	358.0	364.3	372.6	2.3
PL		1 354.1	1 879.1	2 304.5	2 392.7	2 520.5	5.3
PT	781.0	912.3	1 313.2	1 308.0	1 320.0	1 333.0	1.0
RO	258.7	343.1	427.2	493.8	545.3	502.0	-7.9
SI	30.8	42.9	54.3	66.4	70.1	77.6	10.6
SK	92.0	102.6	114.0	174.2	189.3	215.7	14.0
FI	264.2	252.0	304.3	363.6	376.1	394.7	5.0
SE	309.5	307.7	374.2	461.2	479.8	504.1	5.1
UK	2 706.0	2 565.0	2 928.3	3 552.4	3 694.7	3 834.0	3.8
HR		73.5	122.5	162.9	169.7	176.7	4.1
MK		22.6	24.6	18.0	18.2	19.0	4.4
TR		830.0	1 351.8	2 152.0	2 405.2	2 619.7	8.9
IS	13.1	14.8	19.4	25.5	28.1	31.1	10.7
NO	308.3	349.5	414.3	465.4	488.6	513.7	5.1
CH	252.1	262.4	278.5	307.2	314.0	324.2	3.2
LI			2.5	2.6	2.5	2.6	1.6

**Notes:** Stock at end of year, except for BE: 1 August, CH: 30 September, LI: 1 July.  
As a rule, data include heavy and light goods vehicles, lorries and road tractors;  
due to varying concepts of such vehicles, data are not fully comparable between  
countries. DE: revised series from 1997 for lorries and from 2007 for both lorries  
and road tractors. EE and RO: cleaned up database in 2007.



## Road POWERED TWO-WHEELERS

### STOCK OF REGISTERED VEHICLES

thousand							%
	1995	2000	2004	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>		22 834.4	27 948.3	28 810.7	29 579.8	30 288.5	2.4
<b>EU-15</b>		20 272.5	25 661.2	26 572.2	27 333.7	28 043.3	2.6
<b>EU-12</b>		2 561.9	2 287.0	2 238.4	2 246.1	2 245.2	
BE		277.8	322.8	346.3	359.8	374.7	4.2
BG	519.3	520.5	137.7	146.5	76.2	90.0	18.1
CZ	915.2	748.1	756.6	794.0	822.7	860.1	4.5
DK	58.0	138.3	162.1	171.9	184.0	197.2	7.1
DE	3 995.5	4 438.1	5 078.0	5 202.9	5 405.9	5 550.0	2.7
EE	3.3	6.7	9.1	10.2	12.6	14.8	17.4
IE	23.5	30.6	34.9	34.3	34.9	37.2	6.4
EL		781.4	1 042.6	1 124.2	1 205.8	1 298.7	7.7
ES	1 301.2	1 445.6	3 854.1	4 117.6	4 393.7	4 741.8	7.9
FR	2 289.0	2 410.0	2 462.0	2 480.0	2 510.0	2 535.0	1.0
IT	6 228.3	7 826.9	9 207.0	9 298.4	9 338.8	9 280.3	-0.6
CY	50.4	43.3	41.4	40.4	40.4	41.2	2.1
LV	15.8	20.7	29.9	32.5	36.9	44.4	20.4
LT	20.0	19.8	22.9	24.0	25.5	28.8	13.1
LU	28.4	32.8	36.9	37.7	38.6	39.5	2.2
HU		91.2	114.0	122.7	130.2	135.9	4.4
MT	17.4	12.4	12.8	12.0	12.3	12.8	4.1
NL	308.0	437.8	536.9	552.9	567.9	585.2	3.0
AT	546.4	632.7	612.2	627.7	645.3	667.6	3.5
PL	929.0	803.0	835.8	753.6	784.2	825.3	5.2
PT	216.3	345.9	418.7	588.4	558.7	536.6	-4.0
RO	327.7	239.2	234.7	197.4	194.0	56.5	
SI	8.5	11.2	40.2	48.7	53.2	71.5	34.4
SK	81.8	45.6	52.0	56.4	58.1	63.9	10.0
FI	159.5	193.4	271.7	301.8	338.4	376.5	11.3
SE	264.2	310.1	403.3	453.1	497.7	528.1	6.1
UK	714.0	971.0	1 218.0	1 235.0	1 254.0	1 295.0	3.3
HR	9.9	21.9	112.9	128.4	162.7	183.8	12.9
MK							
TR	819.9	1 011.3	1 218.7	1 441.1	1 822.8	2 003.5	9.9
IS	1.9	2.3	3.1	4.2	5.7	8.1	41.7
NO	158.6	201.6	248.6	257.5	268.5	282.5	5.2
CH	370.7	493.8	583.0	591.9	608.7	619.2	1.7
LI		2.6	3.0	3.1	3.2	3.3	2.7

**Notes:** Stock at end of year, except for BE: 1 August, CH: 30 September, LI: 1 July. National vehicle stock data do not always include all powered two-wheelers and are therefore not fully comparable between countries. Tricycles and quads are sometimes included in the data. DE: revised series from 1997. SI and HR: from 2002 including mopeds. LV: from 2004 including mopeds. RO: cleaned up database in 2007.

## Road PASSENGER CARS

### NEW VEHICLE REGISTRATIONS

thousand							%
	2000	2004	2005	2006	2007	2008	CHANGE '07/'08
<b>EU-27</b>		15 148.7	15 092.2	15 450.3	15 604.9	14 335.1	-8.1
<b>EU-15</b>	14 319.1	14 127.5	14 111.9	14 367.3	14 363.8	13 151.2	-8.4
<b>EU-12</b>		1 021.3	980.3	1 083.1	1 241.1	1 183.9	-4.6
BE	515.2	484.8	480.1	526.1	524.8	535.9	2.1
BG		24.9	32.7	32.5	41.0	45.1	10.0
CZ		143.6	151.7	156.7	174.5	143.7	-17.7
DK	112.7	121.5	146.9	154.4	159.3	150.0	-5.9
DE	3 378.3	3 266.8	3 319.3	3 468.0	3 148.2	3 090.0	-1.8
EE		16.4	19.6	25.4	30.9	24.3	-21.3
IE	230.8	154.1	171.7	178.5	186.3	151.6	-18.6
EL	290.2	289.7	269.7	267.7	279.7	267.2	-4.5
ES	1 381.3	1 517.3	1 528.9	1 634.6	1 614.8	1 161.2	-28.1
FR	2 133.9	2 013.7	2 067.8	2 000.5	2 064.5	2 050.3	-0.7
IT	2 423.1	2 264.7	2 237.4	2 326.0	2 493.1	2 160.1	-13.4
CY	8.2	19.7	19.2	20.3	25.1	24.7	-1.7
LV		11.2	16.6	25.6	32.8	19.2	-41.4
LT		9.5	10.5	14.2	21.6	21.5	-0.4
LU	41.9	48.2	48.5	50.8	51.3	52.4	2.0
HU		207.1	199.0	187.7	171.7	155.9	-9.2
MT		6.2	6.6	6.7	6.2	5.4	-12.3
NL	597.6	483.7	465.2	484.0	505.5	500.0	-1.1
AT	309.4	311.3	307.9	308.6	298.2	293.7	-1.5
PL		318.1	235.5	239.0	293.3	320.0	9.1
PT	257.8	197.6	206.5	194.7	201.8	213.4	5.7
RO		145.1	172.5	256.4	315.6	285.5	-9.5
SI		62.0	59.3	59.6	68.7	68.5	-0.3
SK		57.4	57.1	59.1	59.7	70.0	17.3
FI	134.6	142.4	147.9	145.7	125.3	139.6	11.5
SE	290.5	264.2	274.3	282.8	306.8	254.0	-17.2
UK	2 221.7	2 567.3	2 439.7	2 344.9	2 404.0	2 131.8	-11.3
HR	92.4	99.8	102.1	114.4	105.8		
MK							
TR		432.7	406.8	396.5	353.5		
IS	13.6	12.0	18.1	17.1	15.9	9.0	-43.3
NO	97.4	115.6	109.9	109.2	129.2	110.6	-14.4
CH	316.5	269.4	264.9	269.5	284.7	287.5	1.0

## Road GOODS VEHICLES

### NEW VEHICLE REGISTRATIONS

	LIGHT COMMERCIAL VEHICLES			COMMERCIAL VEHICLES			HEAVY COMMERCIAL VEHICLES		
	<3.5t		%	>3,5t & <16t		%	>16t		%
	2006	2007	CHANGE '06/'07	2006	2007	CHANGE '06/'07	2006	2007	CHANGE '06/'07
<b>EU-27</b>	2 025 425	2 157 105	6.5						
<b>EU-15</b>	1 868 368	1 971 409	5.5	101 209	99 035	-2.1	253 387	258 378	2.0
<b>EU-12</b>	157 057	185 696	18.2						
<b>BE</b>	60 156	68 007	13.1	3 007	3 206	6.6	7 772	9 356	20.4
<b>BG</b>	9 959	10 697	7.4						
<b>CZ</b>	16 185	19 534	20.7	3 264	4 007	22.8	6 530	8 072	23.6
<b>DK</b>	62 792	56 067	-10.7	785	855	8.9	5 205	6 036	16.0
<b>DE</b>	197 513	221 769	12.3	38 373	38 452	0.2	62 837	68 424	8.9
<b>EE</b>	3 696	4 610	24.7	147	121	-17.7	1 387	1 597	15.1
<b>IE</b>	39 502	42 727	8.2	3 077	2 634	-14.4	3 712	3 504	-5.6
<b>EL</b>	23 730	24 007	1.2	1 173	1 298	10.7	1 014	1 199	18.2
<b>ES</b>	273 922	275 563	0.6	8 577	9 318	8.6	32 395	35 779	10.4
<b>FR</b>	439 194	460 513	4.9	9 740	8 403	-13.7	43 613	44 405	1.8
<b>IT</b>	231 436	242 626	4.8	10 188	10 083	-1.0	25 560	25 737	0.7
<b>CY</b>	3 697	4 578	23.8	(1)	(1)		(1)	(1)	
<b>LV</b>	2 508	3 458	37.9	221	271	22.6	1 926	2 990	55.2
<b>LT</b>	4 107	4 251	3.5	231	327	41.6	2 893	4 679	61.7
<b>LU</b>	3 083	3 492	13.3	159	175	10.1	1 265	1 472	16.4
<b>HU</b>	21 604	21 920	1.5	(2)					
<b>MT</b>	625	940	50.4	(1)	(1)		(1)	(1)	
<b>NL</b>	63 913	80 830	26.5	3 309	2 167	-34.5	16 695	13 117	-21.4
<b>AT</b>	30 357	32 322	6.5	992	1 144	15.3	6 617	7 273	9.9
<b>PL</b>	38 618	52 048	34.8	5 162	6 330	22.6	10 734	18 243	70.0
<b>PT</b>	64 342	68 418	6.3	1 329	1 398	5.2	4 082	4 247	4.0
<b>RO</b>	30 508	33 229	8.9	3 612	3 468	-4.0	4 170	11 511	176.0
<b>SI</b>	6 048	6 813	12.6	383	391	2.1	1 679	2 326	38.5
<b>SK</b>	19 502	23 618	21.1	948	1 083	14.2	3 465	4 360	25.8
<b>FI</b>	16 472	17 507	6.3	1 305	1 395	6.9	2 726	2 779	1.9
<b>SE</b>	39 618	44 222	11.6	866	988	14.1	5 362	5 722	6.7
<b>UK</b>	322 338	333 339	3.4	18 329	17 519	-4.4	34 532	29 328	-15.1
<b>IS</b>	2 490	2 782		198	234		325	301	
<b>NO</b>	42 611	45 609		1 801	1 670		3 988	4 591	
<b>CH</b>	23 015	25 386		1 095	1 106		3 746	3 290	

Notes: (1) Heavy commercial vehicles included in previous columns.

(2) Lorries included in other columns.

## Road

### BUSES AND COACHES

#### NEW VEHICLE REGISTRATIONS

	LIGHT BUSES & COACHES		BUSES & COACHES		HEAVY BUSES & COACHES		TOTAL		%
	<3.5t		>3,5t & <16t		>16t				
	2006	2007	2006	2007	2006	2007	2006	2007	CHANGE '06/'07
<b>EU-27</b>									
<b>EU-15</b>	11 328	12 051	10 914	12 302	22 119	22 006	44 361	46 359	4.5
<b>EU-12</b>									
BE	237	17	280	279	627	799	1 144	1 095	-4.3
BG									
CZ			286	355	680	614	966	969	0.3
DK	2 704	3 459	94	158	390	295	3 188	3 912	22.7
DE	35	30	966	907	4 709	4 534	5 710	5 471	-4.2
EE	21	36	103	103	37	101	161	240	49.1
IE	485	658	136	94	327	311	948	1 063	12.1
EL	44	50	122	132	308	444	474	626	32.1
ES			867	861	2 765	2 942	3 632	3 803	4.7
FR	79	39	1 221	1 335	4 550	4 797	5 850	6 171	5.5
IT	52	79	1 974	1 624	2 796	2 770	4 822	4 473	-7.2
CY							47	61	29.8
LV	116	154	38	29	52	17	206	200	-2.9
LT	189	61	30	141	60	25	279	227	-18.6
LU			14	20	154	156	168	176	4.8
HU							1 130	1 096	-3.0
MT	10	13	0	0	1	1	11	14	27.3
NL	4		47	459	745	699	796	1 158	45.5
AT	22	13	91	100	714	657	827	770	-6.9
PL	1 501	2 352					4 417	4 852	9.8
PT	140		312	407	267	320	719	727	1.1
RO	1 161	1 790	519	674	828	525	2 508	2 989	19.2
SI	16	9	24	41	108	99	148	149	0.7
SK	2		199	145	319	188	520	333	-36.0
FI	89	86	127	163	222	247	438	496	13.2
SE	84	90	330	205	934	696	1 348	991	-26.5
UK	7 353	7 530	4 333	5 558	2 611	2 339	14 297	15 427	7.9
IS	30	23	12	12	14	11	56	46	-17.9
NO	105	55	315	462	423	621	843	1 138	35.0
CH	521	408	124	133	431	397	1 076	938	-12.8

## Road MOTORCYCLES

### NEW VEHICLE REGISTRATIONS

	thousand							%
	2000	2002	2003	2004	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>								
<b>EU-15</b>	1 333.17	1 115.24	1 136.94	1 193.97	1 296.75	1 418.50	1 466.33	3.4
<b>EU-12</b>								
BE	25.32	21.50	22.22	25.06	24.96	27.27	30.13	10.5
BG								
CZ	3.87	7.88	5.96	7.22	7.59	8.42	9.99	18.5
DK	3.30	2.63	2.82	3.63	5.78	7.58	9.78	29.0
DE	252.62	204.13	191.26	173.52	168.56	165.84	166.88	0.6
EE	0.05	0.17	0.19	0.23	0.32	0.77	1.25	62.6
IE	3.85	5.60	2.85	2.53	2.39	2.51	2.88	14.9
EL	64.04	56.07	59.14	72.02	83.08	88.48	100.46	13.5
ES	72.02	63.37	77.44	123.14	205.63	258.36	269.48	4.3
FR	179.55	168.75	176.01	183.81	196.62	229.36	238.97	4.2
IT	524.62	392.76	408.62	421.49	420.48	444.99	435.96	-2.0
CY		1.65	1.82	2.27	2.46	2.93	3.71	26.8
LV		0.80	0.96	1.26	1.27	2.12	3.79	78.6
LT	0.38	0.79	0.86	0.99	1.57	2.32	4.08	75.9
LU	1.26	1.32	1.44	1.35	1.27	1.38	1.42	2.8
HU		7.44	8.88	16.15	12.54	12.05	12.78	6.1
MT		0.55	0.51	0.36	0.41	0.54	0.74	36.0
NL	19.63	16.85	16.74	17.57	16.81	14.79	16.24	9.8
AT	23.78	16.69	17.93	18.75	19.90	18.87	23.75	25.8
PL			1.30	1.95	3.84	5.12	7.57	48.1
PT	17.72	14.22	11.20	11.56	11.23	11.44	11.99	4.9
RO		105.53	102.97	104.51	93.85			
SI	1.23	1.16	1.47	2.07	2.54	3.60	5.06	40.7
SK				1.17	1.17	2.12	3.14	48.2
FI	5.17	4.92	6.26	7.84	9.23	11.06	11.48	3.8
SE	18.40	23.05	23.66	25.30	22.76	27.05	27.06	0.1
UK	121.91	123.39	119.35	106.39	108.06	109.53	119.86	9.4

Notes: CY: new and used.

IT: all two-wheelers over 50cc.

MT: including mopeds.

## Road MOPEDS

### NEW VEHICLE DELIVERIES

	thousand							%
	2000	2002	2003	2004	2005	2006	2007	CHANGE '06/07
<b>EU-27</b>								
<b>EU-15</b>	1 094.90	739.23				747.76	775.55	3.72
<b>EU-12</b>								
BE	33.19	26.65	20.58	17.75	17.35	20.28	21.43	5.7
BG								
CZ			7.72	6.90	8.02	6.08	6.12	0.7
DK	9.77	5.05	3.76	4.20	4.92	4.46	4.52	1.2
DE	108.67	94.58	93.02	81.28	97.33	109.91	94.22	-14.3
EE								
IE	3.02	2.35	2.14	1.30	0.85	0.70	0.64	-8.2
EL	19.24	20.22	20.92	21.86	24.11	36.30	21.90	-39.7
ES	248.63	113.76	110.42	118.13	115.14	137.46	125.86	-8.4
FR	192.27	166.12	166.13	166.00	154.92	184.87	209.45	13.3
IT	311.84	166.76	161.89	132.37	128.28	109.85	130.70	19.0
CY		2.32	2.65	2.41	2.09	1.74	1.75	0.5
LV				5.94	1.38	2.51	4.39	75.1
LT								
LU	0.45	0.48	0.63	0.55	0.53	0.66	0.60	-8.1
HU								
MT								
NL	66.94	53.86	45.88	39.13	40.86	48.78	57.43	17.7
AT	21.34	16.28	19.91	21.71	27.73	28.29	30.93	9.3
PL					23.31	43.57	91.91	111.0
PT		132.96	132.88	130.19	103.56			
RO	14.97	6.73				1.98	7.89	297.9
SI		1.74	1.40	2.22	3.12	4.69	5.74	22.3
SK				1.76	2.04	2.58	3.02	17.1
FI	6.42	8.84	12.75	17.81	20.90	25.69	27.45	6.8
SE	9.98	21.30	19.85	13.61	15.37	15.00	17.98	19.9
UK	48.16	36.27	36.35	27.55	24.75	23.55	24.56	4.3

Notes: CY: new and used.

## Sea

### EU MERCHANT FLEET

#### SHIPS OF 1 000 grt AND OVER

On 1 January 2007

	TOTAL FLEET CONTROLLED		NATIONAL FLAG		FOREIGN FLAG (INCLUDING OTHER EU)		SHARE OF FOREIGN FLAG IN TOTAL FLEET	
	Number	<i>mio dwt</i>	Number	<i>mio dwt</i>	Number	<i>mio dwt</i>	Number	<i>mio dwt</i>
<b>EU-27</b>	10 550	368.486	3 389	113.294	7 161	255.192		
<b>EU-15</b>	9 761	355.850	3 105	108.724	6 656	247.126		
<b>EU-12</b>	789	12.636	284	4.570	505	8.066		
<b>BE</b>	169	12.014	52	6.334	117	5.680	69.2%	47.3%
<b>BG</b>	107	1.749	68	1.211	39	0.538	36.4%	30.8%
<b>CZ</b>	1	0.004			1	0.004	100.0%	100.0%
<b>DK</b>	684	21.251	255	9.674	429	11.577	62.7%	54.5%
<b>DE</b>	2 942	85.330	376	12.845	2 566	72.485	87.2%	84.9%
<b>EE</b>	93	0.315	30	0.095	63	0.220	67.7%	69.8%
<b>IE</b>	37	0.179	18	0.108	19	0.071	51.4%	39.7%
<b>EL</b>	3 041	170.260	700	49.172	2 341	121.088	77.0%	71.1%
<b>ES</b>	234	4.443	124	0.859	110	3.584	47.0%	80.7%
<b>FR</b>	208	5.724	97	2.651	111	3.073	53.4%	53.7%
<b>IT</b>	677	15.364	524	11.571	153	3.793	22.6%	24.7%
<b>CY</b>	186	5.028	91	2.407	95	2.621	51.1%	52.1%
<b>LV</b>	132	1.629	18	0.319	114	1.310	86.4%	80.4%
<b>LT</b>	57	0.390	41	0.307	16	0.083	28.1%	21.3%
<b>LU</b>								
<b>HU</b>								
<b>MT</b>	17	0.057	13	0.037	4	0.020	23.5%	35.1%
<b>NL</b>	620	7.631	429	3.777	191	3.854	30.8%	50.5%
<b>AT</b>	8	0.048	6	0.038	2	0.010	25.0%	20.8%
<b>PL</b>	108	1.903	10	0.044	98	1.859	90.7%	97.7%
<b>PT</b>	39	0.734	24	0.107	15	0.627	38.5%	85.4%
<b>RO</b>	60	0.855	13	0.150	47	0.705	78.3%	82.5%
<b>SI</b>	28	0.706			28	0.706	100.0%	100.0%
<b>SK</b>								
<b>FI</b>	123	1.655	77	0.599	46	1.056	37.4%	63.8%
<b>SE</b>	327	6.244	154	1.852	173	4.392	52.9%	70.3%
<b>UK</b>	652	24.973	269	9.137	383	15.836	58.7%	63.4%
<b>HR</b>	104	2.579	68	1.496	36	1.083	34.6%	42.0%
<b>MK</b>								
<b>TR</b>	870	11.114	446	6.464	424	4.650	48.7%	41.8%
<b>IS</b>	44	0.354	1	0.000	43	0.354	97.7%	100.0%
<b>NO</b>	1 424	47.970	502	13.943	922	34.027	64.7%	70.9%
<b>CH</b>	362	12.333	29	0.810	333	11.523	92.0%	93.4%

**Notes:** DK: including international registers like the Danish International Ship Register; including vessels registered at territorial dependencies.

**Russia:** 1 523 ships, 16.907 mio dwt; **Monaco:** 70 ships, 2.721 mio dwt;

**Ukraine:** 358 ships, 2.359 mio dwt; **Gibraltar:** 10 ships, 0.286 mio dwt.

## Sea

### WORLD MERCHANT FLEET

#### TOTAL CONTROLLED FLEET BY WORLD REGION

	dwt (MILLION)						
On 1 January:							
World region	1995	2000	2003	2004	2005	2006	2007
<b>Europe (*)</b>	311.2	350.1	371.7	383.2	400.9	420.6	465.1
of which: EU-27	223.6	258.0	277.4	292.8	316.9	332.1	368.5
of which: EU-15	207.5	247.5	267.2	282.2	305.0	321.2	355.9
<b>North America</b>	51.0	49.4	45.8	49.7	45.4	51.6	49.3
<b>Latin America</b>	18.7	15.7	14.6	12.6	14.4	12.3	12.4
<b>Asia / Oceania</b>	246.7	292.7	313.8	329.5	361.3	399.4	423.4
<b>Africa</b>	6.7	7.1	4.8	4.7	5.1	5.0	5.0
<b>Unknown</b>	38.0	38.1	57.5	52.6	52.7	47.4	45.8
<b>TOTAL</b>	672.4	753.2	808.2	832.2	879.9	936.4	1001.1
SHARE OF EU IN TOTAL AND OF FOREIGN FLAG IN EU							
<b>EU-27 control of total</b>	33.2%	34.2%	34.3%	35.2%	36.0%	35.5%	36.8%
<b>EU-15 control of total</b>	30.9%	32.9%	33.1%	33.9%	34.7%	34.3%	35.5%
<b>EU-27: Foreign flag share (**)</b>	56.5%	68.1%	67.8%	67.8%	67.8%	67.7%	69.3%
<b>EU-15: Foreign flag share (**)</b>	57.7%	67.7%	67.7%	67.7%	67.0%	67.6%	69.4%

**Notes:** only ships of 1 000 gt and over.

(\*) In this table Europe includes EU-27, EFTA, Monaco, Gibraltar, Andorra, Turkey, Western Balkan countries, Russia, Ukraine and Moldavia.

(\*\*) foreign flag share includes ships registered by EU countries in other EU countries.



## Sea WORLD MERCHANT FLEET

### BY TYPE OF SHIP

On 1 January 2007 (ships of 300 gt and over)	TOTAL REGISTERED FLEET			
	Number		dwt (thousand)	
	WORLD	EU-27 FLAG	WORLD	EU-27 FLAG
<b>TOTAL FLEET</b>	42 872	7 840	1 009.52	219.44
<b>Oil tankers</b>	8 194	1 507	374.45	83.34
<b>Chemical tankers</b>	1 385	189	10.01	1.28
<b>Liquid gas tankers</b>	1 245	189	26.86	4.51
<b>Bulk carriers</b>	6 781	1 259	357.57	72.87
<b>Ore/ bulk / oil carriers</b>	106	5	6.08	0.02
<b>Container ships</b>	3 881	965	128.17	37.57
<b>General cargo</b>	17 185	2 448	100.32	17.23
<b>OF WHICH:</b>				
<b>Single-deck</b>	9 478	1 254	48.66	
<b>Multi-deck</b>	3 977	549	25.47	
<b>Ro-Ro Cargo</b>	1 269	295	6.95	
<b>Reefer</b>	1 133	159	6.59	
<b>Special</b>	1 328	191	12.65	
<b>Cargo passenger ships</b>	216	882	0.28	[ 9.3 ]
<b>Passenger Ro-Ro</b>	2 355		4.01	
[ gt (1 000) ]			[ 15.7 ]	
<b>Passenger (not Ro-Ro)</b>	1 524	396	1.77	
[ gt (1 000) ]			[ 13.7 ]	[ 3.2 ]
<b>Cruise ships</b> (ships of 1 000 gt and over)	277	76		
[ gt (1 000) ]			[ 13.0 ]	[ 3.1 ]

**Notes:** EU27: deadweight figure for all passenger ships: 2.628 thousand tonnes  
No deadweight figure is given for cruise ships, since dwt is a measure of the weight admissible in the vessel.  
Ro-Ro: vehicles roll on to embark, vehicles roll off to disembark.  
Reefer: refrigerated ships.

## Air

### PASSENGER AIRCRAFT

#### NUMBER OF CIVIL AIRCRAFT IN SERVICE

On 31 December 2008					PASSENGER AIRCRAFT
	50 seats or less	51 to 150 seats	151 to 250 seats	251 seats and more	TOTAL
<b>EU-27</b>	706	1 443	1 527	521	4 197
<b>EU-15</b>	590	1 251	1 417	518	3 776
<b>EU-12</b>	116	192	110	3	421
BE	20	39	18	5	82
BG	6	15	19		40
CZ	14	31	18		63
DK	33	33	17	6	89
DE	104	271	226	101	702
EE	8	6			14
IE	3	34	200	9	246
EL	20	33	25	4	82
ES	45	112	177	51	385
FR	100	138	128	92	458
IT	14	106	142	24	286
CY		3	10	2	15
LV	6	22	6	1	35
LT	14	9	3		26
LU	10	7			17
HU	6	19	22		47
MT	12	5	7		24
NL	17	80	38	52	187
AT	41	47	32	7	127
PL	21	34	8		63
PT	14	31	26	18	89
RO	19	25	10		54
SI	7	4	3		14
SK	3	19	4		26
FI	7	53	20	12	92
SE	54	33	21	5	113
UK	108	234	347	132	821
HR	3	8	9		20
MK	2	2			
TR		39	143	13	195
IS	13		16	1	30
NO	40	117	20	3	180
CH	20	58	48	6	132

**Notes:** More than 30 000 small private planes not included.  
In this table blanks means none.

## Air

### FREIGHT, SPECIAL, BUSINESS AIRCRAFT

#### NUMBER OF CIVIL AIRCRAFT IN SERVICE

On 31 December 2008

	FREIGHT / CARGO		QUICK- CHANGE CONVERTIBLE	SPECIAL PURPOSE / AMBULANCE	BUSINESS / CORPORATE / EXECUTIVE
	under 100 000 lbs mtow	over 100 000 lbs mtow	(pass./cargo) Multi-role		
<b>EU-27</b>	186	181	77	81	1 878
<b>EU-15</b>	135	176	70	75	1 756
<b>EU-12</b>	51	5	7	6	122
BE	12	43	4	1	45
BG		1	1		20
CZ	4			1	16
DK		11	6		65
DE	7	20	2	23	360
EE	1			1	7
IE	15	2			23
EL	5			1	30
ES	36	13	9	7	121
FR	1	15	19	17	113
IT	10	3	4	2	120
CY					5
LV	8	2			10
LT	7				3
LU	10	17		3	52
HU	16	1	1	1	7
MT					4
NL		12	3	3	40
AT	1			4	235
PL	12		5	3	11
PT			2	1	188
RO					13
SI	3	1			15
SK					11
FI			1	2	21
SE	25		1	3	42
UK	13	40	19	8	301
HR					4
MK		1			
TR	4	20		1	53
IS		10			4
NO				1	16
CH	12			4	168

**Notes:** Special purpose / Ambulance: contains data about Hospital / Ambulance / Medevac and Special Role / Operations / Mission aircraft.  
 mtow: maximum take-off weight.  
 In this table blanks means none.

## Rail

### LOCOMOTIVES AND RAILCARS

#### STOCK OF VEHICLES

	1990	2000	2004	2005	2006	2007	% CHANGE '06/'07
<b>EU-27</b>	65 715		48 721	47 546	48 261	61 625	
<b>EU-15</b>	43 444		33 986	33 062	34 026	47 314	
<b>EU-12</b>	22 271	17 460	14 735	14 484	14 235	14 311	0.5
BE	1 727	1 670	1 528	1 518	1 469	1 449	-1.4
BG	1 119	762	657	669	687	699	1.7
CZ		3 596	3 258	3 163	3 037	2 921	-3.8
DK	524	415	458	464	447	447	0.0
DE	14 437	9 656	8 293	7 742	8 817	13 890	
EE	300	194	178	170	167	190	13.8
IE	166	172	306	412	428	428	0.0
EL	400	244	269	289	284	295	3.9
ES	1 922	1 693	1 928	1 946	1 745	1 918	9.9
FR	7 279	7 158	7 149	7 354	6 995	7 155	2.3
IT	4 818	4 697	4 901	4 674	5 008	4 683	-6.5
CY	-	-	-	-	-	-	
LV	739	433	376	358	348	346	-0.6
LT	389	419	367	365	368	368	0.0
LU	97	124	141	145	128	149	16.4
HU	2 040	1 453	1 328	1 385	1 400	1 413	0.9
MT	-	-	-	-	-	-	
NL	2 372	1 965	2 076	2 078	2 025	2 033	0.4
AT	1 543	1 530	1 610	1 500	1 639	1 725	5.2
PL	6 801	5 293	4 893	4 723	4 561	4 581	0.4
PT	530	589	463	439	429	433	0.9
RO	4 515	3 440	2 071	2 186	2 220	2 262	1.9
SI	358	300	273	261	271	273	0.7
SK		1 570	1 334	1 204	1 176	1 258	7.0
FI	669	735	737	702	697	694	-0.4
SE	1 350	887	622	622	644	648	0.6
UK	5 610		3 505	3 177	3 271	11 367	
HR	563	480	388	377	374	339	-9.4
MK	92	101	73	73	72	72	0.0
TR	897	849	734	735	732	724	-1.1
IS	-	-	-	-	-	-	
NO	502	299	208	289	223	223	0.0
CH	1 254	1 528	2 224	2 198	2 167	2 272	4.8

**Notes:** Data relate to main railways (UIC members).  
CS: 1990: 6 010.

## Rail

### PASSENGER TRANSPORT VEHICLES

#### STOCK OF COACHES AND RAILCARS AND TRAILERS

	1990	2000	2004	2005	2006	2007	% CHANGE '06/'07
<b>EU-27</b>			101 549	98 929	96 654	95 770	-0.9
<b>EU-15</b>			75 901	75 305	73 503	72 318	-1.6
<b>EU-12</b>		30 818	25 648	23 624	23 151	23 452	1.3
BE	3 286	3 494	3 292	3 251	3 235	3 275	1.2
BG	2 386	2 099	1 749	1 558	1 531	1 550	1.2
CZ		5 252	4 985	4 895	4 767	4 566	-4.2
DK	1 594	1 590	1 525	1 473	1 473	1 473	0.0
DE	24 139	21 097	20 396	20 169	18 174	17 537	-3.5
EE	596	241	243	183	185	189	2.2
IE	314	421	554	581	581	581	0.0
EL	810	505	514	564	591	781	32.1
ES	3 839	3 765	4 473	5 239	5 024	4 860	-3.3
FR	15 748	15 656	15 630	15 879	15 995	15 863	-0.8
IT	14 025	11 914	10 277	10 066	10 418	10 174	-2.3
CY	-	-	-	-	-	-	
LV	1 226	702	535	490	490	491	0.2
LT	664	563	475	467	458	423	-7.6
LU	114	149	212	185	191	191	0.0
HU	4 385	3 232	3 396	2 787	2 797	3 372	20.6
MT	-	-	-	-	-	-	
NL	2 268	2 742	833	852	870	833	-4.3
AT	3 689	3 468	3 102	3 112	3 040	2 978	-2.0
PL	11 928	9 761	8 658	7 725	7 416	7 255	-2.2
PT	1 232	1 303	1 150	1 125	1 062	1 060	-0.2
RO	6 352	6 234	3 407	3 310	3 380	3 462	2.4
SI	606	461	403	401	400	373	-6.8
SK		2 273	1 797	1 808	1 727	1 771	2.5
FI	957	1 003	1 029	1 084	1 083	1 024	-5.4
SE	1 747	1 000	771	791	832	792	-4.8
UK			12 143	10 934	10 934	10 896	-0.3
HR	1 052	720	617	579	571	552	-3.3
MK	175	164	135	125	124	124	0.0
TR	1 443	1 415	1 318	1 312	1 306	1 319	1.0
IS	-	-	-	-	-	-	
NO	900	918	237	191	191	191	0.0
CH	4 136	3 333	4 359	4 293	4 463	5 000	12.0

**Notes:** Data relate to main railways (UIC members).  
CS: 1990: 8 597.

## Rail

### GOODS TRANSPORT WAGONS

#### STOCK OF VEHICLES

	1990	2000	2004	2005	2006	2007 (*)
<b>EU-27</b>						
<b>EU-15</b>	825 398					
<b>EU-12</b>	516 764	421 261	293 729	282 394	286 769	224 743
BE	30 332	18 790	18 782	17 375	15 544	10 616
BG	42 459	29 720	16 382	16 511	17 111	12 417
CZ		58 524	44 805	44 545	42 762	32 809
DK	4 632	2 236				
DE	366 724	189 558	237 313	158 247	155 468	95 595
EE		5 857	20 352	18 971	17 109	3 353
IE	1 830	1 856	833	926	1 095	891
EL	10 967	3 453	3 497	3 491	3 166	3 568
ES	37 687	26 452	25 542	23 842	15 031	15 524
FR	148 100	94 789	99 372	95 738	91 816	31 589
IT	99 728	70 115	54 598	45 730	46 450	41 477
CY	-	-	-	-	-	-
LV	11 085	9 146	8 706	8 871	8 848	5 256
LT	12 860	13 155	13 134	13 192	13 393	9 486
LU	2 719	2 626	3 206	3 222	3 456	3 526
HU		23 528	19 783	19 130	13 824	11 719
MT	-	-	-	-	-	-
NL	6 697	4 700				
AT	34 330	23 970	22 262	22 655	16 891	18 473
PL	275 582	130 116	76 785	75 164	74 146	73 993
PT	4 579	4 162	3 544	3 495	3 197	2 953
RO	166 086	117 982	64 299	65 175	65 916	53 616
SI	8 692	6 258	4 627	4 465	4 508	3 979
SK		26 975	24 856	16 370	29 152	18 115
FI	15 200	12 630	11 738	11 216	11 024	10 790
SE	27 470	17 596	13 649	13 649	7 000	7 000
UK	34 403					
HR	13 720	9 986	7 376	7 330	6 813	6 781
MK			1 501	1 525	1 553	1 498
TR	21 941	17 872	16 004	17 499	18 229	17 041
IS	-	-	-	-	-	-
NO						
CH	27 104	19 894	18 917	18 339	10 917	10 464

**Notes:** (\*) Not including private-owners' vehicles;  
 Not comparable with data of previous years.  
 Data relate to main railways (UIC members).

## Road Fatalities

	1990	1995	2000	2001	2005	2006	2007	%	
								CHANGE '06/'07	CHANGE '00/'07
<b>EU-27</b>	75 977	63 106	56 412	54 314	45 126	42 952	42 448	-1.2	-24.8
<b>EU-15</b>	55 888	46 098	41 421	40 266	31 379	29 514	28 238	-4.3	-31.8
<b>EU-12</b>	20 089	17 008	14 991	14 048	13 747	13 438	14 210	5.7	-5.2
BE	1 976	1 449	1 470	1 486	1 089	1 069	1 067	-0.2	-27.4
BG	1 567	1 264	1 012	1 011	957	1 043	1 006	-3.5	-0.6
CZ	1 291	1 588	1 486	1 334	1 286	1 063	1 221	14.9	-17.8
DK	634	582	498	431	331	306	406	32.7	-18.5
DE	11 046	9 454	7 503	6 977	5 361	5 091	4 949	-2.8	-34.0
EE	436	332	204	199	169	204	196	-3.9	-3.9
IE	478	437	418	412	396	365	338	-7.4	-19.1
EL	2 050	2 412	2 037	1 880	1 658	1 657	1 580	-4.6	-22.4
ES	9 032	5 749	5 777	5 517	4 442	4 104	3 821	-6.9	-33.9
FR	11 215	8 892	8 079	8 162	5 318	4 709	4 620	-1.9	-42.8
IT	7 151	7 020	7 061	7 096	5 818	5 669	5 131	-9.5	-27.3
CY	116	118	111	98	102	86	89	3.5	-19.8
LV	947	611	588	558	442	407	419	2.9	-28.7
LT	933	672	641	706	773	759	739	-2.6	15.3
LU	70	70	76	70	46	36	43	19.4	-43.4
HU	2 432	1 589	1 200	1 239	1 278	1 303	1 232	-5.4	2.7
MT	4	14	15	16	17	11	12	9.1	-20.0
NL	1 376	1 334	1 082	993	750	730	709	-2.9	-34.5
AT	1 391	1 210	976	958	768	730	691	-5.3	-29.2
PL	7 333	6 900	6 294	5 534	5 444	5 243	5 583	6.5	-11.3
PT	2 646	2 711	1 877	1 670	1 247	969	974	0.5	-48.1
RO	3 782	2 845	2 499	2 461	2 461	2 478	2 794	12.8	11.8
SI	517	415	313	278	258	262	292	11.5	-6.7
SK	731	660	628	614	560	579	627	8.3	-0.2
FI	649	441	396	433	379	336	380	13.1	-4.0
SE	772	572	591	583	440	445	471	5.8	-20.3
UK	5 402	3 765	3 580	3 598	3 336	3 298	3 058	-7.3	-14.6
HR	1 360	800	655	647	597	614	619	0.8	-5.5
MK			162	107	143	140	173	23.6	6.8
TR	6 317	6 004	5 510	4 386	4 505	4 633	5 004	8.0	-9.2
IS	24	24	32	24	19	31	15	-51.6	-53.1
NO	332	305	341	275	224	242	233	-3.7	-31.7
CH	954	692	592	544	409	370	384	3.8	-35.1

**Notes:** Persons killed are all persons deceased within 30 days of the accident. Corrective factors have been applied to the figures which did not follow this definition.

## Road Fatalities Country Rankings

### FATALITIES

2007					
per million inhabitants		per 10 billion pkm		per million passenger cars	
MT	29	UK	44	MT	54
NL	43	SE	46	NL	97
UK	50	NL	47	UK	106
SE	51	MT	56	SE	111
DE	60	DE	56	DE	120
FI	72	FI	59	LU	135
DK	74	FR	62	IT	145
FR	75	LU	64	FR	148
IE	78	IT	64	FI	150
AT	83	DK	72	AT	164
ES	85	IE	80	ES	179
EU-27	86	EU-27	88	IE	182
IT	86	BE	94	EU-27	187
LU	90	AT	94	DK	199
PT	92	ES	108	BE	213
BE	100	SI	125	PT	225
CY	114	PT	128	CY	227
SK	116	EL	158	CZ	291
CZ	118	CY	158	SI	293
HU	123	CZ	163	EL	338
RO	130	LT	187	EE	364
BG	131	EE	193	PL	399
EL	141	PL	229	HU	413
SI	145	LV	234	SK	453
EE	146	SK	235	LT	465
PL	146	HU	289	LV	485
LV	184	BG	289	BG	523
LT	219	RO	448	RO	782

**Notes:** **Fatalities:** all fatalities on the road: car drivers and passengers, bus and coach occupants, powered two-wheelers' riders and passengers, cyclists, pedestrians, commercial vehicle drivers, etc. indicated in table 3.7.1 for 2007.

**pkm:** indicator of traffic volume (in the absence of consistent vehicle-kilometre data); passenger-kilometres of cars indicated in table 3.3.4 for 2007 plus passenger-kilometres of motorised two-wheelers.

**Inhabitants:** the sum of the population indicated in table 1.5 at 1 January 2007 and 1 January 2008 divided by two.

**Passenger cars:** the sum of the stock of vehicles indicated in table 3.6.2 for 2006 and 2007 divided by two.



## Road Fatalities BY TYPE OF USER

	YEAR	TOTAL	DRIVER	PASSENGER	PEDESTRIAN	OTHER/NOT SPECIFIED	PEDESTRIAN AS A % OF TOTAL
BE	2006	1 069	767	139	122	41	11.4%
BG							
CZ	2007	1 221	752	237	232	0	
DK	2007	406	281	57	68	0	16.7%
DE	2006	5 091	3 582	791	711	7	14.0%
EE	2007	196	105	49	38	4	19.4%
IE	2003	337	198	75	64	0	19.0%
EL	2007	1 612	1 013	344	255	0	15.8%
ES	2006	4 104	2 569	922	613	0	14.9%
FR	2007	4 620	3 239	820	561	0	12.1%
IT	2004	5 625	3 739	1 164	710	12	12.6%
CY	2007	89	72	0	17	0	19.1%
LV	2007	419	176	85	158	0	37.7%
LT							
LU	2004	50	27	5	11	7	22.0%
HU	2007	1 232	687	257	288	0	23.4%
MT	2007	12	8	1	3	0	25.0%
NL	2007	709	518	105	86	0	12.1%
AT	2007	691	474	109	108	0	15.6%
PL	2005	5 444	2 472	1 216	1 756	0	32.3%
PT	2007	974	605	212	156	1	16.0%
RO							
SI							
SK							
FI	2007	380	263	69	48	0	12.6%
SE	2007	471	313	89	57	12	12.1%
UK	2007	2 946	1 748	552	646	0	21.9%

**Notes:** Persons deceased within 30 days of their accident.  
'Driver' includes cyclists.

## Road Fatalities of Vehicle Occupants BY TYPE OF VEHICLE

	YEAR	TOTAL	CAR AND TAXI	BUS OR COACH	HEAVY GOODS VEHICLE	LORRY, <3.5 TONNES	MOTORCYCLE	MOPED	PEDAL CYCLE	AGRICULTURAL TRACTOR	OTHER MOTORIZED	NOT SPECIFIED
BE	2006	906	589		16	34	130	36	92	2	7	
BG												
CZ	2007	989	661	2	21	45	136	3	116	3	2	
DK	2007	338	168	3	4	24	31	48	54	1	0	5
DE	2006	4361	2683	12	235	(a)	793	107	486	24	21	
EE	2007	158	121		3		10	4	13			7
IE	2003	272	174		8	19	55		10		6	
EL	2007	1357	771		14	56	420	43	16	24	11	2
ES	2006	3491	2095	35	135	268	480	308	75	32	46	17
FR	2007	4059	2466	35	68	131	853	324	142	11	29	
IT	2004	4775	2824	24	51	58	1070	388	296	23	41	
CY	2007	72	44				16	9	3			
LV	2007	261	203	3	12		10	4	18	6		5
LT												
LU	2004	38	27				10	1				
HU	2007	944	555	14	15	47	112	31	158		12	
MT	2007	9	4			0	4					1
NL	2007	623	299	1	7	35	64	60	147	2	1	7
AT	2007	583	378	4	11	15	96	24	37	9	9	
PL	2005	3688	2526	52	217		157	53	603	67	13	
PT	2007	818	417	15	25	70	145	71	34	32	9	
RO												
SI												
SK												
FI	2007	332	241		7	12	32	11	22	2	5	
SE	2007	413	279	6	6	9	58	13	33	1	5	3
UK	2007	2300	1430	14	52	58	571	17	136		22	

**Notes:** Persons deceased within 30 days of their accident.

(a) included with heavy goods vehicles.

## Road Accidents

### NUMBER OF ACCIDENTS INVOLVING PERSONAL INJURY

	thousand							%
	1990	1995	2000	2001	2005	2006	2007	CHANGE '06/'07
<b>EU-27</b>	1 487.61	1 420.35	1 490.25	1 463.01	1 298.91	1 275.71	1 276.80	0.1
<b>EU-15</b>	1 342.80	1 269.19	1 343.89	1 316.85	1 155.13	1 135.35	1 130.71	-0.4
<b>EU-12</b>	144.81	151.17	146.36	146.16	143.78	140.37	146.09	4.1
<b>BE</b>	62.45	50.74	49.07	47.44	40.37	41.11	41.48	0.9
<b>BG</b>	6.48	7.44	6.89	6.71	8.22	8.22	8.01	-2.6
<b>CZ</b>	21.91	28.75	25.45	26.03	25.24	22.12	23.06	4.3
<b>DK</b>	9.16	8.37	7.35	6.86	5.41	5.40	5.55	2.7
<b>DE</b>	389.35	388.00	382.95	375.35	336.62	327.98	335.49	2.3
<b>EE</b>	2.10	1.64	1.50	1.89	2.34	2.59	2.45	-5.3
<b>IE</b>	6.07	8.12	7.75	6.91	5.59	6.02	5.16	-14.3
<b>EL</b>	19.61	22.80	23.00	19.67	16.91	16.02	15.09	-5.8
<b>ES</b>	101.51	83.59	101.73	100.39	91.19	99.78	100.51	0.7
<b>FR</b>	162.57	132.95	121.22	116.75	84.53	80.31	81.27	1.2
<b>IT</b>	161.78	182.76	256.55	263.10	240.01	238.12	230.87	-3.0
<b>CY</b>	3.17	3.05	2.40	2.39	1.38	1.56	1.47	-5.8
<b>LV</b>	4.33	4.06	4.48	4.77	4.47	4.30	4.78	11.1
<b>LT</b>	5.14	4.14	5.81	5.97	6.77	6.59	6.60	0.2
<b>LU</b>	1.22	1.15	0.90	0.77	0.71	0.76	0.75	-1.7
<b>HU</b>	27.80	19.82	17.49	18.51	20.78	20.98	20.61	-1.7
<b>MT</b>	0.24	0.97	0.97	1.23	0.85	0.89	0.94	5.4
<b>NL</b>	44.89	42.64	42.27	35.31	27.01	24.53	25.82	5.3
<b>AT</b>	46.34	38.96	42.13	43.07	40.90	39.88	41.10	3.0
<b>PL</b>	50.53	56.90	57.33	53.80	48.10	46.88	49.54	5.7
<b>PT</b>	45.11	48.34	44.46	42.52	37.07	35.68	35.31	-1.0
<b>RO</b>	9.71	9.12	7.58	7.49	7.23	6.64	8.45	27.3
<b>SI</b>	5.18	6.57	8.58	9.20	10.51	11.62	11.68	0.5
<b>SK</b>	8.24	8.71	7.88	8.18	7.90	7.99	8.50	6.4
<b>FI</b>	10.18	7.81	6.63	6.45	7.02	6.74	6.66	-1.2
<b>SE</b>	16.98	15.63	15.77	15.80	18.09	18.21	18.55	1.8
<b>UK</b>	265.60	237.34	242.12	236.46	203.71	194.79	187.12	-3.9
<b>HR</b>	14.47	12.67	14.43	15.66	15.68	16.71	18.03	7.9
<b>MK</b>	2.30		1.70			3.31	4.04	21.9
<b>TR</b>	55.77	66.03	75.20					
<b>IS</b>	0.56	1.06	0.98	0.84	0.67	0.89	1.13	27.6
<b>NO</b>	8.80	8.63	8.44	8.24	8.08	7.93	8.18	3.2
<b>CH</b>	23.83	23.03	23.74	23.90	21.71	21.49	21.91	2.0

**Notes:** The definition of an accident involving personal injury differs from country to country.

## Railway Fatalities

### NUMBER OF RAILWAY PASSENGERS KILLED IN ACCIDENTS INVOLVING RAILWAY

	1990	2000	2001	2002	2003	2004	2005	2006	2007
<b>EU-27</b>							65	138	76
<b>EU-15</b>	165	117	75	121	91	75	51	36	54
<b>EU-12</b>							14	102	22
BE	0	3	10	0	4	1	0	2	9
BG			3	0	26	26	3	1	2
CZ		1	0	4	2	5	4	2	0
DK	1	3	0	2	0	0	0	0	0
DE	50	38	13	26	23	25	7	2	3
EE							0	0	0
IE	1	2	2	1	0	0	0	0	0
EL	0	20	4	4	0	0	0	3	0
ES	4	0	0	3	16	0	1	10	14
FR	30	15	11	24	7	6	5	11	9
IT	9	8	9	17	9	11	22	5	11
CY	-	-	-	-	-	-	-	-	-
LV							0	0	0
LT					0	0	0	0	0
LU	0	0	0	0	0	0	0	0	0
HU	33	11	11	12	9	8	6	3	8
MT	-	-	-	-	-	-	-	-	-
NL	2	0	0	0	0	0	0	0	0
AT	6	4	3	13	7	2	1	2	4
PL	21	20	0	16	11	15	0	10	11
PT	22	2	11	8	15	8	7	0	1
RO		0	8	4	0	1	1	86	1
SI		0	0	1	1	0	0	0	0
SK		0	0	2	2	2	0	0	0
FI	0	2	2	0	0	2	0	1	0
SE	3	0	0	0	0	2	0	0	0
UK	37	20	10	23	10	18	8	0	3
HR					5	5	1	0	3
MK							0	0	0
TR	17	9	11	7	8	46	10	6	1
IS	-	-	-	-	-	-	-	-	-
NO	4	32	2	0	0	0	0	0	1
CH	8	2	3	4	9	1	3	0	0

## Air LIVES LOST

PERIOD	Lives lost over EU-27(*) territory by any operator	Lives lost by EU-27 operators anywhere
1996	50	14
1997	76	81
1998	37	32
1999	53	53
2000	115	115
2001	135	139
2002	96	25
2003	7	7
2004	8	15
2005	146	127
2006	4	1
2007	3	4
2008	161	161
1970-79/yr.	284	317
1980-89/yr.	242	145
1990-99/yr.	57	56
2000-08/yr.	75	66

**Notes:** Onboard fatalities only.  
(\* )1970-2005: EU-25 territory.

## Sea SHIPS LOST (WORLD)

YEAR	TANKERS		BULKERS AND COMBINED CARRIERS		OTHER SHIPS	
	N°	1 000 gt	N°	1 000 gt	N°	1 000 gt
1996	13	58	14	247	59	294
1997	13	308	6	137	58	274
1998	5	26	11	160	62	323
1999	6	71	11	277	55	283
2000	10	173	21	394	68	248
2001	9	202	12	341	88	319
2002	10	119	10	234	77	454
2003	9	158	8	107	74	274
2004	18	104	6	103	62	277
2005	11	103	8	117	79	309
2006	9	20	8	384	61	260

**Notes:** Reported world total losses at time of loss; ships of 500 gt and over.

# PART 4

# ENVIRONMENT



## PART 4 SUMMARY

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## Total GHG Emissions(\*)

### MILLION TONNES CO<sub>2</sub> EQUIVALENT

	1990	1995	2000	2005	2006
<b>EU-27</b>	5 748.3	5 407.0	5 309.8	5 446.2	5 447.8
<b>EU-25</b>	5 381.1	5 132.8	5 101.4	5 222.4	5 218.4
<b>BE</b>	161.7	166.8	167.1	172.2	169.5
<b>BG</b>	118.5	89.4	69.2	71.3	72.2
<b>CZ</b>	194.9	153.4	147.6	146.8	149.3
<b>DK</b>	73.9	83.3	74.7	68.8	76.6
<b>DE</b>	1 247.3	1 115.4	1 044.3	1 034.3	1 034.9
<b>EE</b>	42.3	21.1	18.6	19.8	19.6
<b>IE</b>	56.7	60.9	71.3	73.2	73.0
<b>EL</b>	115.2	124.5	142.2	145.4	145.9
<b>ES</b>	302.8	335.2	412.6	475.9	469.9
<b>FR</b>	579.9	573.1	579.4	579.7	567.1
<b>IT</b>	525.5	540.2	564.0	592.8	583.8
<b>CY</b>	6.8	8.1	9.9	11.4	11.6
<b>LV</b>	28.2	13.1	10.1	12.2	12.5
<b>LT</b>	50.1	22.6	19.7	23.3	23.8
<b>LU</b>	13.6	10.9	11.2	14.6	14.6
<b>HU</b>	98.7	79.9	78.3	80.9	79.3
<b>MT</b>	2.2	2.7	2.7	5.6	5.9
<b>NL</b>	250.7	267.1	266.2	276.9	274.8
<b>AT</b>	80.1	82.0	82.8	95.0	92.9
<b>PL</b>	455.5	442.3	391.5	388.3	402.7
<b>PT</b>	62.0	72.9	85.3	91.2	87.2
<b>RO</b>	248.7	184.7	139.2	152.5	157.2
<b>SI</b>	18.7	18.7	19.0	20.5	20.8
<b>SK</b>	73.8	52.9	48.5	49.4	49.0
<b>FI</b>	73.8	73.3	73.0	72.0	83.6
<b>SE</b>	75.7	78.7	75.1	75.6	75.0
<b>UK</b>	791.1	733.8	706.3	696.6	695.1
<b>HR</b>	32.8	23.2	26.4	30.8	31.0
<b>MK</b>					
<b>TR</b>	170.1	220.7	280.0	312.4	331.8
<b>IS</b>	3.7	3.6	4.4	4.2	4.8
<b>NO</b>	49.7	49.8	53.5	53.8	53.5
<b>CH</b>	55.9	54.8	56.5	57.3	56.9

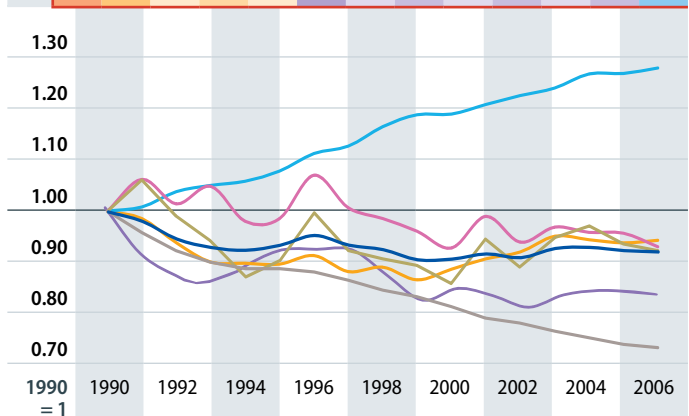
**Notes:** (\*) Including international bunkers but excluding LULUCF (Land-Use, Land-Use Change and Forestry) emissions;  
Emissions data is downloaded from European Environment Agency (EEA), which is the main provider for EU wide greenhouse gas emissions data. EEA prepares and maintains the complete EU greenhouse gas emissions inventory, which is based on data reported by Member States through the EU greenhouse gas monitoring mechanism and the UNFCCC process.

**GHGs:** carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), sulphur hexafluoride (SF<sub>6</sub>), hydrofluorocarbons (HFC), perfluorocarbons (PFC).

## GHG Emissions(\*) by Sector – EU-27

### MILLION TONNES CO<sub>2</sub> EQUIVALENT

	FUEL COMBUSTION	Energy Industries	Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Manufacturing and Construction	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other	Transport (**)
1990	41233	1683.6	1461.2	116.1	106.3	820.1	152.8	16.8	86.3	29.2	43.4	491.6	779.1
1991	40977	1660.4	1446.6	113.6	100.2	775.1	144.5	15.6	86.5	31.6	44.4	452.6	785.3
1992	39548	1583.2	1378.0	115.4	89.8	730.5	137.7	14.4	84.0	29.9	44.0	420.5	808.1
1993	39045	1522.0	1314.6	118.4	89.0	722.9	134.8	13.2	82.9	29.9	46.2	415.9	817.5
1994	38603	1518.5	1308.8	120.8	89.0	725.4	144.2	14.0	83.3	32.2	46.9	404.8	823.6
1995	38958	1515.4	1303.3	126.5	85.7	741.3	144.7	14.1	92.9	33.2	49.9	406.5	838.8
1996	40099	1542.8	1333.3	129.3	80.2	740.5	140.2	14.2	87.9	33.1	51.1	414.0	864.9
1997	39134	1491.8	1281.7	132.4	77.7	733.9	141.9	14.1	88.1	34.3	49.8	405.7	875.9
1998	39079	1506.2	1300.5	134.2	71.5	702.3	134.6	14.3	84.8	34.2	49.4	385.1	904.9
1999	38530	1465.6	1267.6	128.4	69.6	686.0	127.9	14.0	80.0	31.9	48.9	383.2	922.8
2000	38643	1499.6	1299.5	131.4	68.7	690.3	129.6	14.4	81.7	32.8	48.7	383.1	923.6
2001	39528	1532.5	1333.9	132.4	66.2	682.7	123.8	15.0	80.4	31.0	48.5	383.9	938.0
2002	39266	1554.3	1353.7	133.5	67.1	659.4	115.9	15.1	76.8	31.2	47.6	372.8	951.3
2003	40312	1604.2	1404.8	131.5	67.9	677.7	126.1	14.5	85.9	34.1	50.6	366.5	962.5
2004	40424	1593.0	1389.4	135.0	68.7	679.8	129.7	14.3	86.8	32.8	49.0	367.1	983.5
2005	40172	1583.0	1376.6	137.5	69.0	672.3	124.5	14.0	89.4	32.0	46.7	365.6	984.1
2006	40095	1591.2	1392.3	132.0	66.9	665.8	123.9	14.1	90.0	31.6	45.2	361.1	992.3

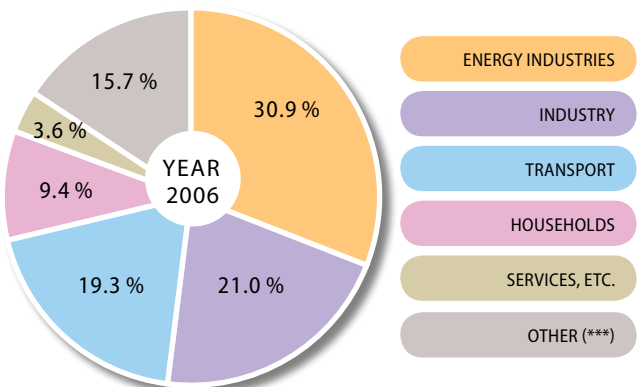


**Notes:** (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*) Excluding international bunkers (international traffic departing from the EU).

## GHG Emissions(\*) by Sector – EU-27

### MILLION TONNES CO<sub>2</sub> EQUIVALENT

Other Sectors	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	Other (Not elsewhere specified)	FUGITIVE EMISSIONS FROM FUELS	TOTAL ENERGY	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
813.8	202.3	517.9	93.6	26.6	154.1	4277.3	477.9	12.7	591.6	216.0	-3.5	5 572.0	1990
854.8	214.6	549.2	90.9	22.1	147.5	4245.2	440.8	12.1	559.1	217.2	-3.6	5 471.0	1991
814.1	200.8	524.8	88.5	19.0	141.4	4096.2	425.0	11.6	535.5	215.7	-3.7	5 280.4	1992
823.9	190.8	542.3	90.8	18.2	140.4	4044.9	408.2	11.2	515.8	213.3	-3.6	5 189.7	1993
775.2	176.7	507.6	90.9	17.6	132.0	3992.3	435.6	10.9	513.6	211.5	-3.7	5 160.2	1994
784.5	182.9	510.3	91.3	15.7	133.3	4029.1	455.5	10.9	512.8	209.7	-3.8	5 214.1	1995
847.2	201.5	553.2	92.5	14.4	130.8	4140.7	451.8	11.0	514.4	205.5	-3.9	5 319.5	1996
797.9	186.8	521.0	90.1	13.9	123.2	4036.6	459.3	10.9	515.0	197.6	-3.9	5 215.5	1997
781.0	183.6	510.4	87.0	13.4	115.9	4023.8	432.0	11.0	512.5	191.5	-4.0	5 166.7	1998
765.9	181.1	497.8	86.9	12.8	112.0	3965.0	392.2	10.8	508.6	185.5	-4.0	5 058.1	1999
739.0	174.3	481.1	83.6	11.9	109.4	3973.8	403.9	10.8	501.2	179.4	-3.9	5 065.2	2000
789.0	191.9	512.6	84.5	10.6	105.1	4057.9	392.8	10.5	492.4	171.2	-3.6	5 121.2	2001
751.1	180.9	486.9	83.3	10.4	103.4	4030.0	389.4	10.5	486.9	166.8	-3.6	5 080.1	2002
776.3	192.3	501.8	82.1	10.5	99.7	4130.9	400.1	10.3	481.5	160.5	-3.5	5 179.8	2003
774.9	196.6	496.6	81.7	11.2	94.7	4137.2	412.0	10.3	480.5	154.6	-3.4	5 191.1	2004
766.7	189.6	495.9	81.2	11.1	92.0	4109.1	415.9	10.0	474.0	151.1	-3.4	5 156.8	2005
750.1	186.9	482.5	80.7	10.2	89.2	4098.7	416.6	10.2	472.9	147.9	-3.5	5 142.8	2006



**Notes:** (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*\*) Emissions from fuel combustion in agriculture/forestry/fisheries, Other (Not elsewhere specified), Fugitive Emissions from Fuels, Solvent and Other Product Use, Agriculture, Waste, Other.

## GHG Emissions(\*) by Sector – EU-27

### SHARES %

	FUEL COMBUSTION	Energy Industries	Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Manufacturing and Construction	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other	Transport (**)
1990	96.4	40.8	86.8	6.9	6.3	19.9	18.6	2.1	10.5	3.6	5.3	59.9	18.9
1991	96.5	40.5	87.1	6.8	6.0	18.9	18.6	2.0	11.2	4.1	5.7	58.4	19.2
1992	96.5	40.0	87.0	7.3	5.7	18.5	18.9	2.0	11.5	4.1	6.0	57.6	20.4
1993	96.5	39.0	86.4	7.8	5.9	18.5	18.6	1.8	11.5	4.1	6.4	57.5	20.9
1994	96.7	39.3	86.2	8.0	5.9	18.8	19.9	1.9	11.5	4.4	6.5	55.8	21.3
1995	96.7	38.9	86.0	8.3	5.7	19.0	19.5	1.9	12.5	4.5	6.7	54.8	21.5
1996	96.8	38.5	86.4	8.4	5.2	18.5	18.9	1.9	11.9	4.5	6.9	55.9	21.6
1997	96.9	38.1	85.9	8.9	5.2	18.8	19.3	1.9	12.0	4.7	6.8	55.3	22.4
1998	97.1	38.5	86.3	8.9	4.7	18.0	19.2	2.0	12.1	4.9	7.0	54.8	23.2
1999	97.2	38.0	86.5	8.8	4.7	17.8	18.6	2.0	11.7	4.7	7.1	55.9	23.9
2000	97.2	38.8	86.7	8.8	4.6	17.9	18.8	2.1	11.8	4.8	7.1	55.5	23.9
2001	97.4	38.8	87.0	8.6	4.3	17.3	18.1	2.2	11.8	4.5	7.1	56.2	23.7
2002	97.4	39.6	87.1	8.6	4.3	16.8	17.6	2.3	11.7	4.7	7.2	56.5	24.2
2003	97.6	39.8	87.6	8.2	4.2	16.8	18.6	2.1	12.7	5.0	7.5	54.1	23.9
2004	97.7	39.4	87.2	8.5	4.3	16.8	19.1	2.1	12.8	4.8	7.2	54.0	24.3
2005	97.8	39.4	87.0	8.7	4.4	16.7	18.5	2.1	13.3	4.8	6.9	54.4	24.5
2006	97.8	39.7	87.5	8.3	4.2	16.6	18.6	2.1	13.5	4.7	6.8	54.2	24.7

**Notes:** (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*) Excluding international bunkers (international traffic departing from the EU).

## GHG Emissions(\*) by Sector – EU-27

### SHARES %

Other Sectors	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	Other (Not elsewhere specified)	FUGITIVE EMISSIONS FROM FUELS	TOTAL ENERGY	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
19.7	24.9	63.6	11.5	0.6	3.6	76.8	8.6	0.2	10.6	3.9	-0.1	100	1990
20.9	25.1	64.3	10.6	0.5	3.5	77.6	8.1	0.2	10.2	4.0	-0.1	100	1991
20.6	24.7	64.5	10.9	0.5	3.5	77.6	8.0	0.2	10.1	4.1	-0.1	100	1992
21.1	23.2	65.8	11.0	0.5	3.5	77.9	7.9	0.2	9.9	4.1	-0.1	100	1993
20.1	22.8	65.5	11.7	0.5	3.3	77.4	8.4	0.2	10.0	4.1	-0.1	100	1994
20.1	23.3	65.0	11.6	0.4	3.3	77.3	8.7	0.2	9.8	4.0	-0.1	100	1995
21.1	23.8	65.3	10.9	0.4	3.2	77.8	8.5	0.2	9.7	3.9	-0.1	100	1996
20.4	23.4	65.3	11.3	0.4	3.1	77.4	8.8	0.2	9.9	3.8	-0.1	100	1997
20.0	23.5	65.4	11.1	0.3	2.9	77.9	8.4	0.2	9.9	3.7	-0.1	100	1998
19.9	23.7	65.0	11.4	0.3	2.8	78.4	7.8	0.2	10.1	3.7	-0.1	100	1999
19.1	23.6	65.1	11.3	0.3	2.8	78.5	8.0	0.2	9.9	3.5	-0.1	100	2000
20.0	24.3	65.0	10.7	0.3	2.6	79.2	7.7	0.2	9.6	3.3	-0.1	100	2001
19.1	24.1	64.8	11.1	0.3	2.6	79.3	7.7	0.2	9.6	3.3	-0.1	100	2002
19.3	24.8	64.6	10.6	0.3	2.4	79.7	7.7	0.2	9.3	3.1	-0.1	100	2003
19.2	25.4	64.1	10.5	0.3	2.3	79.7	7.9	0.2	9.3	3.0	-0.1	100	2004
19.1	24.7	64.7	10.6	0.3	2.2	79.7	8.1	0.2	9.2	2.9	-0.1	100	2005
18.7	24.9	64.3	10.8	0.3	2.2	79.7	8.1	0.2	9.2	2.9	-0.1	100	2006

**Notes:** (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## GHG Emissions(\*) by Sector

### MILLION TONNES CO<sub>2</sub> EQUIVALENT

	FUEL COMBUSTION	Energy Industries	Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Manufacturing and Construction	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other	Transport (**)
EU-27	4009.5	1591.2	1392.3	132.0	66.9	665.8	123.9	14.1	90.0	31.6	45.2	361.1	992.3
EU-25	3865.0	1512.9	1315.6	131.9	65.3	636.1	121.2	13.7	87.7	31.4	44.7	337.4	971.2
BE	110.3	27.7	22.7	4.6	0.4	27.6	9.3	0.5	7.8	0.7	2.0	7.2	26.1
BG	50.4	29.3	27.7	0.1	1.6	10.3	2.7	0.3	2.3	0.2	0.5	4.3	8.7
CZ	116.1	56.9	54.8	0.9	1.2	27.9	3.0	0.2	11.9	0.7	2.3	9.8	18.2
DK	56.4	29.9	27.2	1.0	1.7	5.7	0.5	0.0	0.5	0.2	1.2	3.2	13.6
DE	807.1	370.2	333.0	20.3	16.9	102.4	11.8	0.5		0.0	0.6	89.4	162.0
EE	15.5	12.1	11.5	0.7		0.5	0.0	0.0	0.0	0.0	0.0	0.5	2.4
IE	46.0	15.4	14.9	0.4	0.1	5.9	0.0	1.2	0.5	0.1	1.2	2.9	13.7
EL	103.1	54.9	51.1	3.7	0.1	9.7	0.2	1.4	1.2	0.3	0.9	5.8	24.1
ES	334.3	117.2	102.1	13.0	2.1	70.6	8.1	2.6	9.3	5.7	5.9	39.0	108.6
FR	385.2	65.3	47.6	14.0	3.8	77.2	16.1	2.2	15.5	5.1	11.7	26.6	138.6
IT	466.3	159.8	122.0	25.5	12.3	83.8	16.8	1.2	11.8	4.6	5.8	43.6	133.2
CY	8.0	4.3	4.3			0.8			0.0	0.0	0.0	0.7	2.1
LV	8.4	2.1	2.0		0.1	1.2	0.3	0.0	0.0	0.0	0.3	0.6	3.5
LT	13.1	5.5	3.8	1.6	0.0	1.6			0.2	0.0	0.3	1.1	4.5
LU	11.8	1.5	1.5			1.7	0.3	0.1				1.3	7.3
HU	57.7	19.4	17.7	1.5	0.3	8.9	3.0	1.7	2.3	0.2	0.8	0.8	12.7
MT	2.6	2.0	2.0			0.0	0.0					0.0	0.5
NL	164.9	62.3	49.7	10.7	1.9	27.6	4.6	0.2	12.5	1.6	3.8	4.9	36.1
AT	68.9	15.5	12.1	2.8	0.5	16.0	6.5	0.2	1.4	2.2	0.8	4.8	23.1
PL	316.0	188.4	177.3	6.2	5.0	34.0	8.7	1.2	6.6	1.5	4.6	11.3	38.6
PT	58.4	22.3	19.6	2.6		10.0	0.2		1.9	0.9	0.9	6.1	20.1
RO	94.1	49.0	49.0			19.4						19.4	12.4
SI	16.1	6.4	6.4	0.0	0.0	2.6	0.2	0.1	0.2	0.5	0.2	1.5	4.8
SK	36.2	11.2	8.3	1.5	1.5	13.4	7.3	0.2	1.5	0.6	0.4	3.4	6.0
FI	65.8	32.9	29.7	2.8	0.4	11.7	3.8	0.1	0.9	4.2	0.2	2.5	14.4
SE	48.0	11.4	8.6	2.4	0.4	11.3	1.2	0.1	1.6	2.2	0.6	5.5	20.2
UK	548.8	218.3	185.8	15.8	16.8	84.0	19.2					64.8	136.7
HR	20.4	6.7	4.7	1.7	0.3	3.8	0.1	0.0	0.6	0.1	0.5	2.4	6.2
MK													
TR	256.6	90.9	85.6	5.3		77.3	9.1	2.7	4.4			61.0	44.4
IS	2.0	0.0	0.0			0.4	0.0	0.0			0.1	0.3	1.0
NO	35.3	12.6	0.4	1.1	11.1	4.0	0.1	0.2	1.6	0.5	0.4	1.1	15.0
CH	43.6	3.7	2.7	1.0		6.0	0.2	0.1	1.0	0.5	0.6	3.7	16.0

Notes: (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*) Excluding international bunkers (international traffic departing from the EU).

## GHG Emissions(\*) by Sector

### MILLION TONNES CO<sub>2</sub> EQUIVALENT

Other Sectors	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	Other (Not elsewhere specified)	FUGITIVE EMISSIONS FROM FUELS	TOTAL ENERGY	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
750.1	186.9	482.5	80.7	10.2	89.2	4098.7	416.6	10.2	472.9	147.9	-3.5	5 142.8	EU-27
734.6	181.8	472.9	79.9	10.2	76.0	3941.0	389.0	10.0	448.0	130.3	-3.5	4914.8	EU-25
28.8	6.1	20.3	2.4	0.1	0.6	110.9	14.5	0.2	10.2	1.2		137.0	BE
2.1	0.4	1.5	0.2	0.0	1.8	52.2	6.8	0.1	4.7	7.6		71.3	BG
12.0	4.2	7.5	0.3	1.1	5.7	121.8	14.8	0.5	7.6	3.5		148.2	CZ
7.1	1.0	3.9	2.2	0.1	0.5	56.9	2.5	0.1	9.6	1.3		70.5	DK
171.0	46.1	118.3	6.6	1.6	11.8	818.9	108.2	1.2	63.5	13.0		1004.8	DE
0.4	0.1	0.3	0.1		0.8	16.3	0.7		1.2	0.7		18.9	EE
10.9	2.8	7.3	0.9		0.2	46.1	3.3	0.1	18.4	1.8		69.8	IE
14.3	1.6	9.7	3.1		1.6	104.7	13.1	0.2	11.6	3.5		133.1	EL
37.9	8.9	18.9	10.1		3.9	338.3	35.1	1.5	46.2	12.3		433.3	ES
104.0	30.7	64.0	9.2		6.1	391.3	40.5	1.3	94.8	13.4		541.3	FR
88.4	24.0	55.3	9.2	1.1	7.4	473.7	36.8	2.1	36.6	18.7		567.9	IT
0.8	0.3	0.3	0.1			8.0	1.0	0.0	0.4	0.6		10.0	CY
1.7	0.6	0.7	0.4	0.0	0.1	8.5	0.2	0.1	2.0	0.8		11.6	LV
1.6	0.5	0.9	0.2	0.0	0.2	13.4	4.0	0.1	4.3	1.5		23.2	LT
1.3	0.6	0.6	0.1		0.1	11.8	0.8	0.0	0.7	0.0		13.3	LU
16.8	5.3	10.2	1.3		2.2	59.9	5.9	0.3	8.4	4.1		78.6	HU
0.1	0.0	0.0				2.6	0.1		0.1	0.4		3.2	MT
38.5	10.7	17.7	10.1	0.4	2.2	167.1	15.7	0.2	18.2	6.3		207.5	NL
14.2	3.4	9.0	1.7	0.1	0.9	69.8	10.8	0.4	7.9	2.2		91.1	AT
54.9	7.7	35.2	12.0		13.9	329.8	27.2	0.7	34.3	8.4		400.5	PL
5.9	2.4	2.6	0.9	0.1	1.5	59.9	7.9	0.3	8.4	6.6		83.2	PT
13.4	4.7	8.1	0.5		11.4	105.4	20.8	0.2	20.2	10.0		156.7	RO
2.3	0.6	1.5	0.3		0.5	16.6	1.2	0.0	2.0	0.7		20.6	SI
4.6	0.8	3.6	0.1	1.1	1.0	37.2	5.9	0.1	3.2	2.5		48.9	SK
5.3	1.1	2.4	1.7	1.5	0.2	66.0	6.1	0.1	5.6	2.5		80.3	FI
4.8	0.5	2.1	2.2	0.2	0.8	48.7	6.2	0.3	8.5	2.1		65.7	SE
107.0	21.8	80.5	4.8	2.8	14.0	562.9	26.8		44.1	22.0	-3.5	652.3	UK
3.8	0.7	2.3	0.7		2.1	22.5	4.0	0.2	3.5	0.6		30.8	HR
													MK
44.0		34.1	9.9		1.6	258.2	27.1		16.4	30.1		331.8	TR
0.6	0.0	0.0	0.6	0.0	0.2	2.2	1.3	0.0	0.5	0.2		4.2	IS
3.5	0.7	0.8	1.9	0.3	3.1	38.4	9.2	0.2	4.2	1.5		53.5	NO
17.3	5.2	11.5	0.5	0.6	0.3	43.9	3.1	0.2	5.3	0.7		53.2	CH

**Notes:** (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## GHG Emissions(\*) by Sector

### SHARES %

	FUEL COMBUSTION	Energy Industries	Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Manufacturing and Construction	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other	Transport (**)
EU-27	97.8	39.7	87.5	8.3	4.2	16.6	18.6	2.1	13.5	4.7	6.8	54.2	24.7
EU-25	98.1	39.1	87.0	8.7	4.3	16.5	19.1	2.2	13.8	4.9	7.0	53.0	25.1
BE	99.5	25.1	82.1	16.5	1.4	25.0	33.8	1.8	28.3	2.5	7.4	26.2	23.7
BG	96.6	58.1	94.5	0.2	5.3	20.4	25.9	3.2	22.1	1.9	4.9	42.1	17.3
CZ	95.4	49.0	96.2	1.7	2.1	24.0	10.6	0.6	42.7	2.7	8.3	35.1	15.7
DK	99.1	53.0	91.1	3.3	5.5	10.1	9.1	0.3	9.0	3.8	21.6	56.3	24.1
DE	98.6	45.9	90.0	5.5	4.6	12.7	11.5	0.5		0.0	0.6	87.3	20.1
EE	95.2	78.1	94.6	5.4		3.5	0.5	0.2	1.3	1.0	1.8	95.3	15.6
IE	99.6	33.6	96.7	2.5	0.8	12.8	0.0	21.0	7.8	1.3	19.9	49.8	29.8
EL	98.5	53.3	93.1	6.8	0.2	9.4	1.8	14.5	12.3	2.8	9.1	59.5	23.4
ES	98.8	35.0	87.1	11.1	1.8	21.1	11.4	3.7	13.2	8.1	8.3	55.2	32.5
FR	98.4	17.0	72.8	21.4	5.8	20.1	20.9	2.9	20.1	6.6	15.2	34.4	36.0
IT	98.4	34.3	76.3	16.0	7.7	18.0	20.1	1.4	14.1	5.5	6.9	52.0	28.6
CY	100.0	53.9	100.0			9.7			0.8	0.6	5.5	93.1	26.1
LV	98.8	24.9	96.5		3.5	14.3	24.4	0.9	2.2	1.3	22.3	48.8	40.9
LT	98.4	41.6	69.3	29.9	0.8	12.1			12.5	0.2	18.0	69.3	34.3
LU	99.5	12.5	100.0			14.2	18.6	3.3				78.1	62.0
HU	96.4	33.6	91.1	7.6	1.3	15.3	33.7	19.0	26.0	2.4	9.3	9.6	22.0
MT	100.0	75.1	100.0			1.7	0.2					99.8	19.8
NL	98.7	37.8	79.7	17.2	3.1	16.7	16.7	0.8	45.2	5.9	13.7	17.7	21.9
AT	98.7	22.5	78.2	18.3	3.5	23.2	40.5	1.4	9.0	13.8	5.3	30.0	33.5
PL	95.8	59.6	94.1	3.3	2.6	10.8	25.7	3.6	19.4	4.3	13.6	33.4	12.2
PT	97.5	38.2	88.2	11.8		17.1	2.1		18.8	9.0	8.9	61.2	34.5
RO	89.2	52.1	100.0			20.6						100.0	13.1
SI	97.2	39.6	99.9	0.1	0.0	16.1	8.7	2.6	6.4	18.4	7.8	56.1	29.8
SK	97.4	30.9	73.9	13.1	13.0	37.0	54.6	1.3	10.9	4.7	3.2	25.3	16.6
FI	99.7	50.0	90.4	8.4	1.2	17.8	32.4	0.8	7.9	35.5	1.7	21.7	21.8
SE	98.5	23.7	75.5	21.2	3.3	23.7	10.9	0.8	14.5	19.5	5.7	48.5	42.1
UK	97.5	39.8	85.1	7.2	7.7	15.3	22.8					77.2	24.9
HR	90.5	32.6	70.5	24.8	4.6	18.5	2.7	0.5	15.4	3.6	14.4	63.4	30.5
MK													
TR	99.4	35.4	94.2	5.8		30.1	11.8	3.5	5.8			78.9	17.3
IS	92.8	1.7	100.0			20.3	0.3	4.3			15.7	79.7	48.8
NO	91.9	35.6	3.4	8.4	88.2	11.3	3.1	5.0	41.0	13.5	9.2	28.3	42.5
CH	99.4	8.5	72.3	27.7		13.8	3.6	1.1	16.1	8.0	10.1	61.1	36.7

Notes: (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*) Excluding international bunkers (international traffic departing from the EU).



## GHG Emissions(\*) by Sector

### SHARES %

Other Sectors	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	Other (Not elsewhere specified)	FUGITIVE EMISSIONS FROM FUELS	TOTAL ENERGY	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
18.7	24.9	64.3	10.8	0.3	2.2	79.7	8.1	0.2	9.2	2.9	-0.1	100	EU-27
19.0	24.7	64.4	10.9	0.3	1.9	80.2	7.9	0.2	9.1	2.7	-0.1	100	EU-25
26.1	21.1	70.5	8.4	0.1	0.5	80.9	10.6	0.2	7.4	0.9		100	BE
4.1	19.0	70.4	10.7	0.1	3.4	73.2	9.5	0.1	6.6	10.6		100	BG
10.4	35.0	62.3	2.7	0.9	4.6	82.2	10.0	0.3	5.2	2.3		100	CZ
12.6	13.9	55.2	30.9	0.2	0.9	80.7	3.5	0.2	13.6	1.9		100	DK
21.2	27.0	69.2	3.8	0.2	1.4	81.5	10.8	0.1	6.3	1.3		100	DE
2.8	17.8	70.1	12.1		4.8	86.4	3.5		6.4	3.8		100	EE
23.8	25.5	66.6	7.9		0.4	66.1	4.7	0.1	26.4	2.6		100	IE
13.9	11.2	67.4	21.4		1.5	78.6	9.8	0.1	8.7	2.7		100	EL
11.3	23.5	49.9	26.6		1.2	78.1	8.1	0.3	10.7	2.8		100	ES
27.0	29.5	61.6	8.9		1.6	72.3	7.5	0.2	17.5	2.5		100	FR
19.0	27.1	62.5	10.4	0.2	1.6	83.4	6.5	0.4	6.5	3.3		100	IT
10.3	41.5	42.4	16.1			79.9	9.5	0.0	4.5	6.0		100	CY
19.8	37.0	39.6	23.4	0.0	1.2	73.5	2.2	0.6	17.2	6.6		100	LV
12.0	29.4	56.0	14.6	0.1	1.6	57.6	17.0	0.4	18.4	6.6		100	LT
11.3	47.0	47.3	5.7		0.5	88.7	5.7	0.1	5.2	0.3		100	LU
29.1	31.3	61.0	7.7		3.6	76.1	7.5	0.4	10.7	5.2		100	HU
3.4	53.5	46.5				82.8	2.5		2.4	12.3		100	MT
23.3	27.7	46.1	26.1	0.2	1.3	80.5	7.5	0.1	8.8	3.1		100	NL
20.6	24.2	63.6	12.2	0.2	1.3	76.7	11.8	0.4	8.7	2.4		100	AT
17.4	14.0	64.1	21.9		4.2	82.4	6.8	0.2	8.6	2.1		100	PL
10.1	40.4	43.6	16.0	0.1	2.5	72.0	9.5	0.4	10.1	8.0		100	PT
14.2	35.4	60.7	3.9		10.8	67.3	13.3	0.1	12.9	6.4		100	RO
14.6	27.0	62.0	11.0		2.8	80.5	6.0	0.2	9.9	3.4		100	SI
12.6	18.6	79.0	2.4	2.9	2.6	76.0	12.2	0.2	6.5	5.2		100	SK
8.1	21.6	45.8	32.6	2.4	0.3	82.2	7.6	0.1	6.9	3.1		100	FI
10.0	10.1	43.8	46.1	0.5	1.5	74.1	9.4	0.5	12.9	3.1		100	SE
19.5	20.3	75.2	4.5	0.5	2.5	86.3	4.1		6.8	3.4	-0.5	100	UK
18.4	19.4	61.2	19.5		9.5	73.1	13.0	0.6	11.4	1.9		100	HR
													MK
17.2		77.4	22.6		0.6	77.8	8.2		4.9	9.1		100	TR
27.9	0.3	0.7	99.0	1.3	7.2	51.1	31.7	0.2	12.1	4.9		100	IS
9.8	21.4	24.5	54.1	0.8	8.1	71.8	17.2	0.3	7.9	2.8		100	NO
39.6	30.2	66.7	3.2	1.4	0.6	82.5	5.8	0.4	9.9	1.3		100	CH

Notes: (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## GHG Emissions(\*) from Transport

### MILLION TONNES CO<sub>2</sub> EQUIVALENT

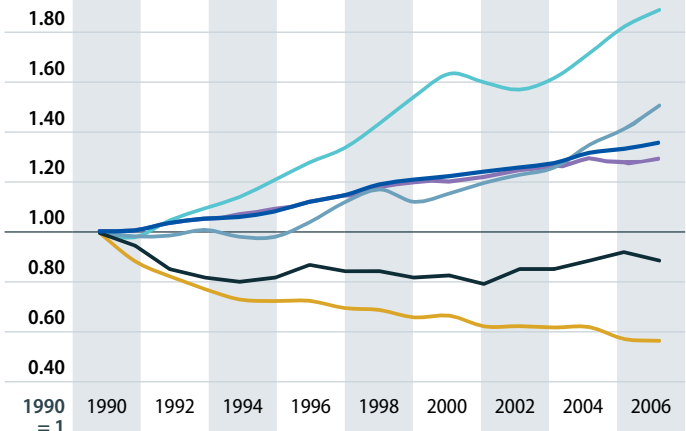
	1990	1995	2000	2005	2006
<b>EU-27</b>	955.4	1031.7	1 168.1	1 273.5	1 297.3
<b>EU-25</b>	933.9	1014.4	1 151.8	1 252.1	1 274.8
<b>BE</b>	37.7	39.2	46.5	56.4	58.6
<b>BG</b>	12.8	8.4	6.4	9.0	9.5
<b>CZ</b>	8.1	10.2	13.2	18.9	19.3
<b>DK</b>	15.6	19.1	19.0	18.5	19.7
<b>DE</b>	184.0	199.2	209.2	194.8	192.2
<b>EE</b>	4.0	2.0	2.0	2.8	3.2
<b>IE</b>	6.3	7.8	13.0	15.9	17.0
<b>EL</b>	25.2	30.9	33.6	34.6	36.9
<b>ES</b>	72.6	83.4	114.6	140.5	145.2
<b>FR</b>	135.5	146.5	160.8	164.0	164.4
<b>IT</b>	112.5	124.8	136.2	146.4	149.1
<b>CY</b>	1.9	2.3	3.2	3.6	3.6
<b>LV</b>	4.7	2.7	2.3	4.2	4.3
<b>LT</b>	6.5	3.7	3.6	4.8	5.1
<b>LU</b>	3.2	4.2	6.1	8.8	8.5
<b>HU</b>	9.0	7.7	9.6	12.9	13.4
<b>MT</b>	0.3	0.4	0.5	2.9	3.2
<b>NL</b>	65.5	72.9	85.5	100.3	103.5
<b>AT</b>	13.6	16.1	19.8	26.1	24.9
<b>PL</b>	27.3	30.7	35.2	38.5	40.8
<b>PT</b>	13.0	16.1	23.0	23.6	24.1
<b>RO</b>	8.7	8.9	9.9	12.4	12.9
<b>SI</b>	2.8	3.8	3.9	4.6	5.0
<b>SK</b>	5.2	4.5	4.4	6.5	6.1
<b>FI</b>	15.7	14.2	16.3	17.1	17.6
<b>SE</b>	22.1	23.8	25.8	29.0	29.5
<b>UK</b>	141.5	148.1	164.6	176.2	179.5
<b>HR</b>	4.5	3.7	4.8	6.0	6.4
<b>MK</b>					
<b>TR</b>	26.3	33.3	35.5	41.3	44.4
<b>IS</b>	0.9	1.0	1.3	1.4	1.5
<b>NO</b>	11.3	12.4	13.4	14.4	15.0
<b>CH</b>	17.9	18.1	20.7	19.5	19.7

**Notes:** (\*) Including international bunkers (International Traffic departing from the EU) but excluding LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## GHG Emissions(\*) from Transport – EU-27

### MILLION TONNES CO<sub>2</sub> EQUIVALENT

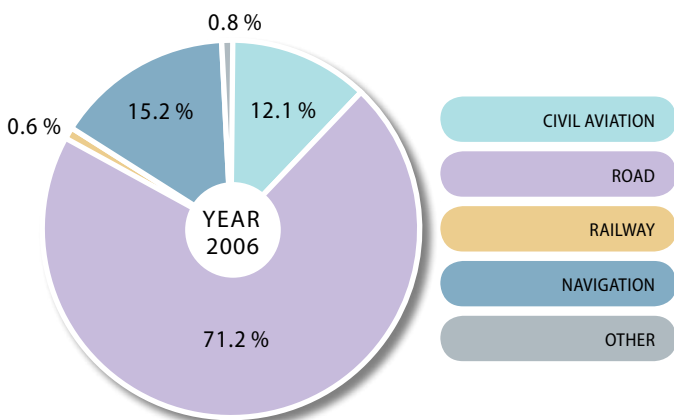
	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (**)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic) (**)	International Bunkers – Marine	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (***)
1990	83.2	17.0	66.2	714.9	14.7	131.0	20.9	110.1	11.7	955.4	5748.3
1991	81.7	16.4	65.4	723.5	13.0	129.2	21.4	107.8	11.1	958.5	5644.2
1992	87.4	16.8	70.5	748.9	12.1	129.6	20.3	109.2	9.9	987.9	5460.2
1993	91.3	16.6	74.7	759.2	11.4	132.6	20.9	111.7	9.5	1004.0	5376.2
1994	95.1	16.4	78.7	766.7	10.7	129.0	20.4	108.6	9.3	1010.9	5347.5
1995	100.7	17.7	83.0	781.8	10.6	128.9	19.0	109.9	9.6	1031.7	5407.0
1996	106.5	19.3	87.3	805.2	10.7	136.6	19.6	117.0	10.2	1069.1	5523.7
1997	111.3	20.3	91.1	816.0	10.2	147.0	19.6	127.4	9.8	1094.4	5434.0
1998	119.5	21.4	98.1	843.1	10.1	153.7	20.4	133.3	9.9	1136.2	5398.0
1999	128.4	23.0	105.4	860.1	9.7	147.2	20.5	126.7	9.6	1154.9	5290.3
2000	135.9	24.1	111.8	861.3	9.8	151.6	18.8	132.7	9.6	1168.1	5309.8
2001	133.0	23.4	109.6	877.1	9.1	157.2	19.2	138.0	9.2	1185.6	5368.8
2002	130.7	22.7	108.0	890.7	9.1	161.4	18.8	142.5	9.9	1201.8	5330.5
2003	134.6	22.9	111.7	899.7	9.1	165.1	20.9	144.2	9.9	1218.4	5435.7
2004	142.8	23.8	118.9	919.0	9.1	177.0	21.3	155.7	10.3	1258.2	5465.7
2005	151.6	25.6	126.0	917.5	8.4	185.4	21.9	163.5	10.8	1273.5	5446.2
2006	157.1	25.9	131.2	924.2	8.3	197.4	23.6	173.8	10.3	1297.3	5447.8



**Notes:** (\*) Including international bunkers; (\*\*) Excluding international bunkers (international traffic departing from the EU); (\*\*\*) Including International Bunkers but excluding LULUCF.

## GHG Emissions(\*) from Transport – EU-27 BY MODE (SHARES %)

	TOTAL CIVIL AVIATION	Civil Aviation (domestic (**))	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic (**))	International Bunkers – Marine	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (***)
1990	8.7	20.4	79.6	74.8	1.5	13.7	16.0	84.0	1.2	16.6	100
1991	8.5	20.0	80.0	75.5	1.4	13.5	16.5	83.5	1.2	17.0	100
1992	8.8	19.2	80.8	75.8	1.2	13.1	15.7	84.3	1.0	18.1	100
1993	9.1	18.2	81.8	75.6	1.1	13.2	15.7	84.3	0.9	18.7	100
1994	9.4	17.2	82.8	75.8	1.1	12.8	15.8	84.2	0.9	18.9	100
1995	9.8	17.6	82.4	75.8	1.0	12.5	14.8	85.2	0.9	19.1	100
1996	10.0	18.1	81.9	75.3	1.0	12.8	14.4	85.6	1.0	19.4	100
1997	10.2	18.2	81.8	74.6	0.9	13.4	13.3	86.7	0.9	20.1	100
1998	10.5	17.9	82.1	74.2	0.9	13.5	13.3	86.7	0.9	21.0	100
1999	11.1	17.9	82.1	74.5	0.8	12.7	13.9	86.1	0.8	21.8	100
2000	11.6	17.7	82.3	73.7	0.8	13.0	12.4	87.6	0.8	22.0	100
2001	11.2	17.6	82.4	74.0	0.8	13.3	12.2	87.8	0.8	22.1	100
2002	10.9	17.4	82.6	74.1	0.8	13.4	11.7	88.3	0.8	22.5	100
2003	11.0	17.0	83.0	73.8	0.7	13.6	12.7	87.3	0.8	22.4	100
2004	11.3	16.7	83.3	73.0	0.7	14.1	12.0	88.0	0.8	23.0	100
2005	11.9	16.9	83.1	72.0	0.7	14.6	11.8	88.2	0.8	23.4	100
2006	12.1	16.5	83.5	71.2	0.6	15.2	12.0	88.0	0.8	23.8	100



**Notes:** (\*) Including international bunkers; (\*\*) Excluding international bunkers (international traffic departing from the EU); (\*\*\*) Including International Bunkers but excluding LULUCF.

## GHG Emissions(\*) from Transport BY MODE (MILLION TONNES CO<sub>2</sub> EQUIVALENT)

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (**)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic) (**)	International Bunkers – Marine	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (***)
EU-27	157.1	25.9	131.2	924.2	8.3	197.4	23.6	173.8	10.3	1 297.3	5 447.8
EU-25	156.0	25.7	130.2	904.5	8.0	197.0	23.6	173.4	9.5	1 274.8	5 218.4
BE	3.7	0.0	3.7	25.3	0.1	29.3	0.5	28.8	0.2	58.6	169.5
BG	0.6	0.1	0.5	7.7	0.1	0.3		0.3	0.8	9.5	72.2
CZ	1.1	0.0	1.1	17.7	0.3	0.0	0.0		0.2	19.3	149.3
DK	2.8	0.1	2.6	12.7	0.2	4.0	0.5	3.5		19.7	76.6
DE	26.8	5.4	21.5	150.1	1.3	9.5	0.9	8.7	4.4	192.2	1 034.9
EE	0.1	0.0	0.1	2.1	0.1	0.7	0.0	0.7	0.1	3.2	19.6
IE	3.0	0.1	2.9	13.3	0.1	0.4	0.0	0.4	0.2	17.0	73.0
EL	4.0	1.1	2.9	20.5	0.1	12.2	2.3	9.9	0.0	36.9	145.9
ES	17.4	7.3	10.1	98.0	0.3	29.3	2.8	26.5	0.2	145.2	469.9
FR	21.3	4.7	16.6	129.8	0.6	12.0	2.8	9.2	0.6	164.4	567.1
IT	12.1	2.8	9.3	122.8	0.4	12.8	6.2	6.6	1.1	149.1	583.8
CY	0.9		0.9	2.1		0.6		0.6		3.6	11.6
LV	0.2	0.0	0.2	3.1	0.3	0.7	0.1	0.7		4.3	12.5
LT	0.2	0.0	0.2	4.3	0.2	0.5	0.0	0.4		5.1	23.8
LU	1.3	0.0	1.3	7.3	0.0	0.0	0.0			8.5	14.6
HU	0.7	0.0	0.7	12.5	0.2	0.0	0.0			13.4	79.3
MT	0.3	0.0	0.3	0.5		2.4	0.0	2.4		3.2	5.9
NL	11.1	0.0	11.0	35.4	0.1	56.9	0.6	56.3		103.5	274.8
AT	2.1	0.2	1.8	22.2	0.1	0.1	0.1		0.5	24.9	92.9
PL	1.3	0.1	1.3	37.4	0.5	1.0	0.0	0.9	0.7	40.8	402.7
PT	2.7	0.4	2.3	19.4	0.1	1.9	0.2	1.7		24.1	87.2
RO	0.5	0.0	0.5	12.0	0.2	0.1	0.0	0.1	0.1	12.9	157.2
SI	0.1	0.0	0.1	4.8	0.0	0.1		0.1		5.0	20.8
SK	0.1	0.0	0.1	5.9	0.1	0.0		0.0	0.0	6.1	49.0
FI	1.8	0.3	1.5	12.6	0.1	2.4	0.6	1.8	0.7	17.6	83.6
SE	2.7	0.6	2.0	18.7	0.1	7.7	0.5	7.3	0.3	29.5	75.0
UK	38.3	2.4	36.0	125.9	2.4	12.4	5.5	6.9	0.5	179.5	695.1
HR	0.3	0.2	0.1	5.8	0.1	0.2	0.1	0.1		6.4	31.0
MK											
TR	4.6	4.6		37.7	0.7	1.4	1.4			44.4	331.8
IS	0.4	0.0	0.4	0.9		0.2	0.1	0.1		1.5	4.8
NO	0.9	0.9		10.1	0.0	2.5	2.5		1.5	15.0	53.5
CH	3.8	0.1	3.7	15.6	0.1	0.1	0.1		0.1	19.7	56.9

**Notes:** (\*) Including international bunkers; (\*\*) Excluding international bunkers (international traffic departing from the EU); (\*\*\*) Including International Bunkers but excluding LULUCF.

## GHG Emissions(\*) from Transport BY MODE (SHARES %)

	TOTAL CIVIL AVIATION			ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION			OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (***)
	Civil Aviation (domestic) (**)	International Bunkers – Aviation				Navigation (domestic) (**)	International Bunkers – Marine				
EU-27	12.1	16.5	83.5	71.2	0.6	15.2	12.0	88.0	0.8	23.8	100
EU-25	12.2	16.5	83.5	70.9	0.6	15.5	12.0	88.0	0.7	24.4	100
BE	6.4	0.3	99.7	43.1	0.2	50.0	1.8	98.2	0.3	34.6	100
BG	6.4	20.2	79.8	80.8	1.0	3.5		100.0	8.3	13.2	100
CZ	5.8	1.5	98.5	91.9	1.4	0.1	100.0		0.8	12.9	100
DK	14.0	5.2	94.8	64.7	1.2	20.1	11.7	88.3		25.7	100
DE	14.0	20.0	80.0	78.1	0.7	5.0	9.0	91.0	2.3	18.6	100
EE	3.3	9.0	91.0	66.1	4.3	22.1	4.8	95.2	4.2	16.3	100
IE	17.6	3.8	96.2	78.3	0.8	2.4	1.1	98.9	0.9	23.3	100
EL	10.9	28.0	72.0	55.7	0.4	33.1	18.9	81.1	0.0	25.3	100
ES	12.0	41.8	58.2	67.5	0.2	20.2	9.5	90.5	0.1	30.9	100
FR	13.0	22.2	77.8	79.0	0.4	7.3	23.4	76.6	0.4	29.0	100
IT	8.1	23.1	76.9	82.4	0.3	8.6	48.3	51.7	0.7	25.5	100
CY	25.1		100.0	57.4		17.5		100.0		31.4	100
LV	4.7	1.3	98.7	73.1	5.8	16.4	7.4	92.6		34.5	100
LT	3.2	1.6	98.4	83.3	4.4	9.1	4.2	95.8		21.5	100
LU	14.7	0.0	100.0	85.0	0.3	0.1	100.0			58.6	100
HU	5.1	0.9	99.1	93.4	1.4	0.0	100.0			16.9	100
MT	9.2	0.4	99.6	15.6		75.2	0.8	99.2		54.6	100
NL	10.7	0.4	99.6	34.2	0.1	55.0	1.1	98.9		37.7	100
AT	8.3	11.2	88.8	89.1	0.6	0.2	100.0		1.8	26.9	100
PL	3.3	5.7	94.3	91.7	1.1	2.4	1.5	98.5	1.6	10.1	100
PT	11.3	16.2	83.8	80.4	0.3	7.9	10.6	89.4		27.7	100
RO	3.6	2.6	97.4	93.2	1.7	1.0	31.0	69.0	0.4	8.2	100
SI	1.5	2.0	98.0	95.5	0.8	2.1		100.0		24.0	100
SK	1.9	10.6	89.4	95.4	2.1	0.6		100.0	0.0	12.5	100
FI	10.1	18.5	81.5	71.4	0.7	13.7	24.0	76.0	4.1	21.1	100
SE	9.0	23.8	76.2	63.4	0.2	26.3	6.4	93.6	1.0	39.3	100
UK	21.3	6.2	93.8	70.1	1.4	6.9	44.7	55.3	0.3	25.8	100
HR	4.8	60.3	39.7	91.1	1.6	2.6	63.0	37.0		20.7	100
MK											
TR	10.3	100.0		84.9	1.6	3.3	100.0			13.4	100
IS	28.0	6.7	93.3	59.5		12.6	27.0	73.0		31.7	100
NO	5.8	100.0		67.2	0.3	16.9	100.0		9.8	28.0	100
CH	19.4	3.2	96.8	79.0	0.4	0.6	100.0		0.6	34.6	100

**Notes:** (\*) Including international bunkers; (\*\*) Excluding international bunkers (international traffic departing from the EU); (\*\*\*) Including International Bunkers but excluding LULUCF.

## GHG Emissions(\*) Intensity (tCO<sub>2</sub> EQUIVALENT/toe)

	1990	1995	2000	2005	2006
<b>EU-27</b>	3.46	3.25	3.08	2.98	2.98
<b>EU-25</b>	3.43	3.22	3.06	2.96	2.96
<b>BE</b>	3.33	3.04	2.72	2.82	2.81
<b>BG</b>	4.23	3.84	3.71	3.57	3.51
<b>CZ</b>	3.98	3.69	3.64	3.24	3.23
<b>DK</b>	4.13	4.11	3.83	3.49	3.66
<b>DE</b>	3.50	3.29	3.06	2.98	2.97
<b>EE</b>	4.26	3.95	3.97	3.57	3.62
<b>IE</b>	5.53	5.61	4.98	4.84	4.71
<b>EL</b>	5.16	5.14	5.04	4.64	4.63
<b>ES</b>	3.37	3.26	3.34	3.29	3.27
<b>FR</b>	2.55	2.37	2.23	2.09	2.07
<b>IT</b>	3.42	3.34	3.26	3.16	3.14
<b>CY</b>	4.50	4.10	4.14	4.61	4.43
<b>LV</b>	3.56	2.82	2.71	2.71	2.70
<b>LT</b>	3.12	2.60	2.79	2.70	2.83
<b>LU</b>	3.82	3.27	3.07	3.10	3.09
<b>HU</b>	3.44	3.08	3.13	2.89	2.86
<b>MT</b>	3.77	3.35	3.48	5.80	6.53
<b>NL</b>	3.69	3.58	3.46	3.36	3.41
<b>AT</b>	3.17	3.03	2.85	2.79	2.73
<b>PL</b>	4.55	4.42	4.31	4.14	4.10
<b>PT</b>	3.54	3.56	3.40	3.37	3.44
<b>RO</b>	3.90	3.92	3.75	3.89	3.84
<b>SI</b>	3.38	3.07	2.96	2.81	2.83
<b>SK</b>	3.52	2.98	2.77	2.59	2.60
<b>FI</b>	2.54	2.52	2.24	2.08	2.21
<b>SE</b>	1.60	1.56	1.57	1.46	1.49
<b>UK</b>	3.74	3.36	3.05	2.99	3.03
<b>HR</b>	7.31	3.27	3.37	3.44	3.46
<b>MK</b>					
<b>TR</b>	3.25	3.55	3.61	3.66	3.50
<b>IS</b>	1.73	1.54	1.35	1.17	1.10
<b>NO</b>	2.30	2.10	2.05	1.67	2.14
<b>CH</b>	2.26	2.22	2.18	2.13	2.03

**Notes:** (\*) Including international bunkers but excluding LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## GHG Emissions(\*) per Capita

kg CO<sub>2</sub> EQUIVALENT

	1990	1995	2000	2005	2006
<b>EU-27</b>	11 695	11 308	11 005	11 071	11 029
<b>EU-25</b>	12 212	11 467	11 275	11 290	11 231
<b>BE</b>	16 218	16 450	16 309	16 441	16 073
<b>BG</b>	13 591	10 641	8 488	9 240	9 373
<b>CZ</b>	18 807	14 848	14 364	14 347	14 544
<b>DK</b>	14 381	15 923	13 993	12 705	14 086
<b>DE</b>	15 716	13 660	12 707	12 542	12 565
<b>EE</b>	26 629	14 592	13 583	14 720	14 609
<b>IE</b>	16 160	16 907	18 767	17 634	17 172
<b>EL</b>	11 341	11 707	13 028	13 095	13 087
<b>ES</b>	7 763	8 510	10 247	10 965	10 664
<b>FR</b>	9 969	9 645	9 537	9 227	8 973
<b>IT</b>	9 264	9 503	9 905	10 115	9 905
<b>CY</b>	11 793	12 446	14 274	14 989	14 966
<b>LV</b>	10 603	5 256	4 273	5 293	5 454
<b>LT</b>	13 548	6 218	5 643	6 821	7 021
<b>LU</b>	35 586	26 653	25 487	31 446	30 838
<b>HU</b>	9 517	7 733	7 663	8 019	7 874
<b>MT</b>	6 089	7 161	6 901	13 784	14 411
<b>NL</b>	16 770	17 277	16 720	16 971	16 817
<b>AT</b>	10 428	10 312	10 339	11 540	11 220
<b>PL</b>	12 052	11 556	10 233	10 176	10 560
<b>PT</b>	6 215	7 270	8 340	8 643	8 237
<b>RO</b>	10 721	8 333	6 359	7 048	7 283
<b>SI</b>	9 338	9 426	9 548	10 262	10 345
<b>SK</b>	13 928	9 864	8 989	9 175	9 097
<b>FI</b>	14 807	14 353	14 094	13 727	15 870
<b>SE</b>	8 840	8 917	8 463	8 373	8 263
<b>UK</b>	13 822	12 646	11 994	11 568	11 473
<b>HR</b>	6 858	5 067	5 943	6 923	6 983
<b>MK</b>					
<b>TR</b>	3 031	3 573	4 154	4 335	4 546
<b>IS</b>	14 641	13 400	15 524	14 350	15 666
<b>NO</b>	11 719	11 419	11 911	11 640	11 481
<b>CH</b>	8 225	7 738	7 833	7 641	7 531

**Notes:** (\*) Including international bunkers but excluding LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

Source: European Environment Agency (EEA), November 2008; Eurostat, December 2008



## Total CO<sub>2</sub> Emissions(\*) (MILLION TONNES)

	1990	1995	2000	2005	2006
<b>EU-27</b>	4566.1	4332.0	4341.5	4543.4	4558.7
<b>EU-25</b>	4305.0	4134.1	4194.8	4382.2	4391.3
<b>BE</b>	135.2	139.5	144.5	152.0	150.1
<b>BG</b>	88.0	67.8	51.0	54.9	55.9
<b>CZ</b>	164.5	131.6	127.3	127.0	129.0
<b>DK</b>	57.5	67.5	59.7	55.5	63.6
<b>DE</b>	1051.6	941.1	907.9	905.7	910.0
<b>EE</b>	37.0	18.1	15.7	17.0	16.7
<b>IE</b>	33.7	37.0	47.1	50.5	50.6
<b>EL</b>	92.9	100.9	117.5	122.0	122.3
<b>ES</b>	243.5	271.9	335.1	402.9	395.9
<b>FR</b>	409.7	406.5	426.2	440.0	429.8
<b>IT</b>	443.3	455.5	475.9	506.6	503.8
<b>CY</b>	5.6	6.6	8.3	9.4	9.7
<b>LV</b>	20.9	9.7	7.1	8.8	9.1
<b>LT</b>	36.9	15.7	12.5	14.9	15.1
<b>LU</b>	12.6	9.9	10.0	13.4	13.3
<b>HU</b>	73.8	62.6	59.8	62.3	61.0
<b>MT</b>	1.8	2.3	2.3	5.0	5.3
<b>NL</b>	198.3	213.6	222.1	240.9	239.4
<b>AT</b>	63.0	65.3	67.6	81.2	79.1
<b>PL</b>	370.6	367.8	322.3	319.6	332.7
<b>PT</b>	46.4	55.8	67.1	72.4	68.4
<b>RO</b>	173.0	130.1	95.8	106.3	111.5
<b>SI</b>	14.8	15.0	15.3	16.8	17.0
<b>SK</b>	62.0	44.0	40.2	40.8	40.1
<b>FI</b>	59.6	60.0	60.1	59.6	71.3
<b>SE</b>	59.9	63.0	60.1	61.1	60.7
<b>UK</b>	610.1	573.5	582.9	596.6	597.2
<b>HR</b>	24.3	17.3	20.3	23.8	23.9
<b>MK</b>					
<b>TR</b>	139.6	171.9	223.8	256.4	273.7
<b>IS</b>	2.5	2.7	3.4	3.4	3.6
<b>NO</b>	34.8	37.8	41.6	42.9	43.3
<b>CH</b>	47.6	47.0	48.6	49.6	49.2

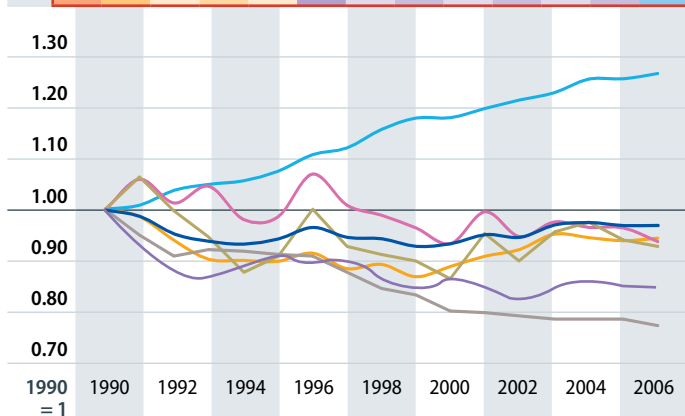
**Notes:** (\*) Including international bunkers but excluding LULUCF (Land-Use, Land-Use Change and Forestry) emissions;

Emissions data is downloaded from European Environment Agency (EEA), which is the main provider for EU wide greenhouse gas emissions data. EEA prepares and maintains the complete EU greenhouse gas emissions inventory, which is based on data reported by Member States through the EU greenhouse gas monitoring mechanism and the UNFCCC process.

**GHGs:** carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), sulphur hexafluoride (SF<sub>6</sub>), hydrofluorocarbons (HFC), perfluorocarbons (PFC).

## CO<sub>2</sub> Emissions(\*) by Sector – EU-27 MILLION TONNES

	FUEL COMBUSTION	Energy Industries	Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Manufacturing and Construction	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other	Transport (**)
1990	4062.5	1670.7	1450.5	115.1	105.1	810.4	151.5	16.7	85.8	28.7	42.9	484.8	766.6
1991	4036.6	1647.3	1435.7	112.6	99.0	765.7	143.3	15.4	85.9	31.0	43.9	446.2	772.7
1992	3895.2	1570.4	1367.2	114.4	88.7	721.4	136.5	14.2	83.4	29.3	43.6	414.4	794.9
1993	3844.3	1509.7	1304.3	117.3	88.0	714.1	133.6	13.0	82.3	29.3	45.8	410.0	803.7
1994	3801.3	1506.1	1298.4	119.7	88.0	716.6	143.0	13.8	82.8	31.6	46.5	398.9	808.9
1995	3835.3	1503.0	1292.8	125.5	84.7	732.5	143.5	14.0	92.3	32.6	49.4	400.7	823.1
1996	3946.9	1529.9	1322.3	128.4	79.3	731.8	139.0	14.1	87.3	32.5	50.6	408.3	847.9
1997	3851.7	1479.4	1271.2	131.4	76.8	725.1	140.8	14.0	87.6	33.6	49.3	399.9	858.0
1998	3845.8	1493.5	1289.6	133.2	70.7	693.8	133.5	14.1	84.3	33.5	48.9	379.5	885.6
1999	3790.8	1453.4	1257.1	127.4	68.8	677.7	126.8	13.9	79.5	31.3	48.5	377.7	902.5
2000	3802.6	1487.1	1288.8	130.4	67.9	681.9	128.5	14.2	81.2	32.2	48.2	377.7	902.9
2001	3890.1	1519.7	1322.7	131.4	65.5	674.3	122.8	14.8	79.9	30.4	48.1	378.4	916.8
2002	3864.2	1541.3	1342.4	132.5	66.4	651.1	114.9	14.9	76.3	30.5	47.1	367.3	929.4
2003	3967.3	1590.8	1392.9	130.5	67.3	669.2	125.0	14.3	85.3	33.4	50.2	361.0	940.1
2004	3977.7	1579.6	1377.6	134.0	68.0	671.2	128.6	14.2	86.2	32.1	48.5	361.6	960.5
2005	3952.3	1569.4	1364.9	136.5	68.0	663.6	123.5	13.9	88.8	31.3	46.2	360.0	960.8
2006	3944.2	1577.4	1380.3	131.1	66.0	657.0	122.8	13.9	89.4	30.8	44.7	355.3	968.8

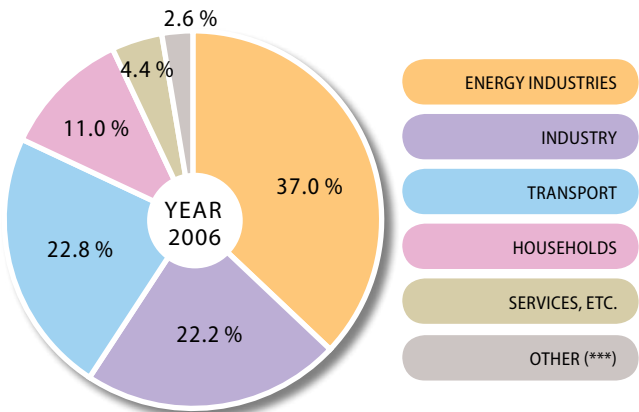


**Notes:** (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*) Excluding international bunkers (international traffic departing from the EU).

## CO<sub>2</sub> Emissions(\*) by Sector – EU-27

### MILLION TONNES

Other Sectors	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	Other (Not elsewhere specified)	FUGITIVE EMISSIONS FROM FUELS	TOTAL ENERGY	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
789.2	199.5	499.5	90.2	25.6	19.6	4082.0	299.6	7.9		5.3	-2.9	4391.9	1990
829.7	212.2	529.9	87.6	21.2	19.7	4056.3	270.0	7.4		5.5	-3.0	4336.2	1991
790.3	198.9	506.3	85.1	18.2	19.7	3914.9	258.2	7.0		5.6	-3.1	4182.6	1992
799.3	189.0	523.1	87.2	17.4	20.4	3864.7	246.9	6.6		5.4	-3.1	4120.5	1993
752.8	175.2	490.3	87.2	16.9	21.2	3822.4	264.4	6.5		5.2	-3.1	4095.4	1994
761.6	181.3	492.7	87.6	15.1	21.8	3857.1	276.2	6.5		4.9	-3.2	4141.4	1995
823.5	199.8	534.9	88.8	13.8	22.1	3969.0	264.8	6.4		4.8	-3.4	4241.7	1996
775.8	185.1	504.3	86.4	13.3	20.5	3872.2	274.4	6.5		4.3	-3.4	4154.0	1997
760.0	182.1	494.5	83.4	12.9	19.6	3865.4	269.6	6.6		4.2	-3.5	4142.3	1998
745.0	179.6	482.0	83.4	12.2	18.7	3809.5	259.6	6.5		3.8	-3.4	4076.0	1999
719.4	172.8	466.5	80.2	11.4	18.4	3821.1	271.7	6.6		3.8	-3.4	4099.8	2000
769.2	190.3	498.0	81.0	10.1	18.3	3908.3	263.6	6.6		3.8	-3.1	4179.1	2001
732.4	179.4	473.3	79.8	10.0	18.7	3882.9	264.8	6.5		3.8	-3.0	4154.9	2002
757.2	190.7	487.8	78.6	10.0	18.8	3986.0	270.0	6.4		3.7	-3.0	4263.2	2003
755.6	194.8	482.5	78.3	10.7	18.6	3996.2	280.1	6.5		3.5	-3.0	4283.3	2004
747.9	188.0	482.0	77.9	10.6	18.6	3971.0	279.3	6.4		3.9	-3.0	4257.5	2005
731.4	185.3	468.6	77.4	9.7	18.3	3962.5	287.7	6.3		4.1	-3.0	4257.6	2006



**Notes:** (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*\*) Emissions from fuel combustion in agriculture/forestry/fisheries, Other (Not elsewhere specified), Fugitive Emissions from Fuels, Solvent and Other Product Use, Agriculture, Waste, Other.

## CO<sub>2</sub> Emissions(\*) by Sector – EU-27

### SHARES %

	FUEL COMBUSTION	Energy Industries	Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Manufacturing and Construction	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other	Transport (**)
1990	99.5	41.1	86.8	6.9	6.3	19.9	18.7	2.1	10.6	3.5	5.3	59.8	18.9
1991	99.5	40.8	87.2	6.8	6.0	19.0	18.7	2.0	11.2	4.0	5.7	58.3	19.1
1992	99.5	40.3	87.1	7.3	5.6	18.5	18.9	2.0	11.6	4.1	6.0	57.4	20.4
1993	99.5	39.3	86.4	7.8	5.8	18.6	18.7	1.8	11.5	4.1	6.4	57.4	20.9
1994	99.4	39.6	86.2	8.0	5.8	18.9	20.0	1.9	11.5	4.4	6.5	55.7	21.3
1995	99.4	39.2	86.0	8.4	5.6	19.1	19.6	1.9	12.6	4.5	6.7	54.7	21.5
1996	99.4	38.8	86.4	8.4	5.2	18.5	19.0	1.9	11.9	4.4	6.9	55.8	21.5
1997	99.5	38.4	85.9	8.9	5.2	18.8	19.4	1.9	12.1	4.6	6.8	55.2	22.3
1998	99.5	38.8	86.3	8.9	4.7	18.0	19.2	2.0	12.1	4.8	7.1	54.7	23.0
1999	99.5	38.3	86.5	8.8	4.7	17.9	18.7	2.0	11.7	4.6	7.2	55.7	23.8
2000	99.5	39.1	86.7	8.8	4.6	17.9	18.8	2.1	11.9	4.7	7.1	55.4	23.7
2001	99.5	39.1	87.0	8.6	4.3	17.3	18.2	2.2	11.9	4.5	7.1	56.1	23.6
2002	99.5	39.9	87.1	8.6	4.3	16.8	17.7	2.3	11.7	4.7	7.2	56.4	24.1
2003	99.5	40.1	87.6	8.2	4.2	16.9	18.7	2.1	12.7	5.0	7.5	54.0	23.7
2004	99.5	39.7	87.2	8.5	4.3	16.9	19.2	2.1	12.8	4.8	7.2	53.9	24.1
2005	99.5	39.7	87.0	8.7	4.3	16.8	18.6	2.1	13.4	4.7	7.0	54.2	24.3
2006	99.5	40.0	87.5	8.3	4.2	16.7	18.7	2.1	13.6	4.7	6.8	54.1	24.6

**Notes:** (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*) Excluding international bunkers (international traffic departing from the EU).

## CO<sub>2</sub> Emissions(\*) by Sector – EU-27

### SHARES %

Other Sectors	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	Other (Not elsewhere specified)	FUGITIVE EMISSIONS FROM FUELS	TOTAL ENERGY	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
19.4	25.3	63.3	11.4	0.6	0.5	92.9	6.8	0.2		0.1	-0.1	100	1990
20.6	25.6	63.9	10.6	0.5	0.5	93.5	6.2	0.2		0.1	-0.1	100	1991
20.3	25.2	64.1	10.8	0.5	0.5	93.6	6.2	0.2		0.1	-0.1	100	1992
20.8	23.6	65.4	10.9	0.5	0.5	93.8	6.0	0.2		0.1	-0.1	100	1993
19.8	23.3	65.1	11.6	0.4	0.6	93.3	6.5	0.2		0.1	-0.1	100	1994
19.9	23.8	64.7	11.5	0.4	0.6	93.1	6.7	0.2		0.1	-0.1	100	1995
20.9	24.3	65.0	10.8	0.4	0.6	93.6	6.2	0.2		0.1	-0.1	100	1996
20.1	23.9	65.0	11.1	0.3	0.5	93.2	6.6	0.2		0.1	-0.1	100	1997
19.8	24.0	65.1	11.0	0.3	0.5	93.3	6.5	0.2		0.1	-0.1	100	1998
19.7	24.1	64.7	11.2	0.3	0.5	93.5	6.4	0.2		0.1	-0.1	100	1999
18.9	24.0	64.8	11.1	0.3	0.5	93.2	6.6	0.2		0.1	-0.1	100	2000
19.8	24.7	64.7	10.5	0.3	0.5	93.5	6.3	0.2		0.1	-0.1	100	2001
19.0	24.5	64.6	10.9	0.3	0.5	93.5	6.4	0.2		0.1	-0.1	100	2002
19.1	25.2	64.4	10.4	0.3	0.5	93.5	6.3	0.2		0.1	-0.1	100	2003
19.0	25.8	63.9	10.4	0.3	0.5	93.3	6.5	0.2		0.1	-0.1	100	2004
18.9	25.1	64.4	10.4	0.3	0.5	93.3	6.6	0.2		0.1	-0.1	100	2005
18.5	25.3	64.1	10.6	0.2	0.5	93.1	6.8	0.1		0.1	-0.1	100	2006

**Notes:** (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## CO<sub>2</sub> Emissions(\*) by Sector

### MILLION TONNES

	FUEL COMBUSTION	Energy Industries	Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Manufacturing and Construction	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other	Transport (**)
EU-27	3944.2	1577.4	1380.3	131.1	66.0	657.0	122.8	13.9	89.4	30.8	44.7	355.3	968.8
EU-25	3801.6	1499.6	1304.1	131.0	64.4	627.4	120.2	13.6	87.1	30.6	44.2	331.7	947.9
BE	108.9	27.6	22.6	4.5	0.4	27.5	9.3	0.5	7.8	0.7	2.0	7.2	25.2
BG	49.8	29.0	27.4	0.1	1.6	10.3	2.7	0.3	2.3	0.2	0.5	4.3	8.6
CZ	114.5	56.6	54.5	0.9	1.2	27.7	3.0	0.2	11.8	0.7	2.3	9.7	17.5
DK	55.4	29.5	26.9	1.0	1.6	5.6	0.5	0.0	0.5	0.2	1.2	3.2	13.4
DE	799.4	366.1	329.3	20.2	16.6	101.4	11.7	0.5		0.0	0.6	88.5	160.6
EE	15.4	12.1	11.4	0.7		0.5	0.0	0.0	0.0	0.0	0.0	0.5	2.4
IE	44.6	14.9	14.4	0.4	0.1	5.7	0.0	1.2	0.5	0.1	1.1	2.8	13.5
EL	101.7	54.7	50.9	3.7	0.1	9.5	0.2	1.4	1.2	0.3	0.9	5.7	23.4
ES	328.7	116.3	101.4	12.9	2.0	69.8	8.0	2.6	9.3	5.6	5.8	38.5	105.6
FR	378.9	64.5	46.9	13.8	3.8	76.2	16.0	2.2	15.3	4.9	11.6	26.2	137.8
IT	456.8	159.1	121.6	25.3	12.3	82.1	16.7	1.2	11.8	4.6	5.7	42.2	128.5
CY	7.2	3.7	3.7			0.8			0.0	0.0	0.0	0.7	2.0
LV	8.0	2.1	2.0		0.1	1.2	0.3	0.0	0.0	0.0	0.3	0.6	3.3
LT	12.8	5.4	3.7	1.6	0.0	1.6			0.2	0.0	0.3	1.1	4.4
LU	11.4	1.5	1.5			1.7	0.3	0.1				1.3	7.0
HU	56.5	19.2	17.5	1.5	0.3	8.6	2.9	1.6	2.3	0.2	0.8	0.8	12.3
MT	2.6	2.0	2.0			0.0						0.0	0.5
NL	163.5	61.9	49.3	10.7	1.9	27.5	4.6	0.2	12.4	1.6	3.8	4.8	35.6
AT	67.8	15.4	12.0	2.8	0.5	15.8	6.4	0.2	1.4	2.2	0.8	4.7	22.8
PL	310.3	187.5	176.4	6.1	5.0	33.7	8.7	1.2	6.6	1.4	4.6	11.2	37.4
PT	57.0	22.1	19.5	2.6		9.8	0.2		1.9	0.8	0.9	6.0	19.5
RO	92.8	48.8	48.8			19.3						19.3	12.3
SI	15.7	6.3	6.3	0.0	0.0	2.6	0.2	0.1	0.2	0.5	0.2	1.4	4.6
SK	35.8	11.2	8.2	1.5	1.5	13.3	7.3	0.2	1.5	0.6	0.4	3.4	5.8
FI	64.1	32.5	29.4	2.7	0.4	11.5	3.8	0.1	0.9	4.0	0.2	2.5	13.7
SE	46.1	10.9	8.1	2.4	0.4	10.7	1.2	0.1	1.6	2.1	0.6	5.1	20.0
UK	538.5	216.5	184.5	15.7	16.3	82.3	18.9					63.4	131.0
HR	20.1	6.6	4.7	1.6	0.3	3.8	0.1	0.0	0.6	0.1	0.5	2.4	6.0
MK													
TR	252.8	90.6	85.3	5.3		76.9	9.0	2.7	4.4			60.7	43.7
IS	1.9	0.0	0.0			0.4	0.0	0.0			0.1	0.3	0.9
NO	34.5	12.4	0.4	1.1	11.0	3.9	0.1	0.2	1.6	0.5	0.4	1.1	14.6
CH	43.2	3.6	2.6	1.0		6.0	0.2	0.1	1.0	0.5	0.6	3.6	15.9

Notes: (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*) Excluding international bunkers (international traffic departing from the EU).

## CO<sub>2</sub> Emissions(\*) by Sector

### MILLION TONNES

Other Sectors	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	Other (Not elsewhere specified)	FUGITIVE EMISSIONS FROM FUELS	TOTAL ENERGY	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
731.4	185.3	468.6	77.4	9.7	18.3	3962.5	287.7	6.3		4.1	-3.0	4257.6	EU-27
717.0	180.3	460.1	76.7	9.7	18.3	3819.9	264.8	6.1		3.7	-3.0	4091.5	EU-25
28.5	6.0	20.1	2.3	0.1	0.1	109.0	10.0			0.1		119.1	BE
1.9	0.4	1.3	0.2			49.8	5.2	0.0				55.1	BG
11.6	4.2	7.1	0.3	1.1		114.5	12.7	0.3		0.4		127.9	CZ
6.8	1.0	3.7	2.1	0.1	0.4	55.8	1.6	0.1				57.6	DK
169.6	46.0	117.2	6.5	1.5	0.0	799.4	80.9					880.3	DE
0.3	0.1	0.2	0.1			15.4	0.6					16.0	EE
10.6	2.7	7.0	0.8		0.1	44.7	2.5	0.1				47.3	IE
14.0	1.6	9.5	2.9		0.1	101.8	7.7	0.2		0.0		109.7	EL
36.9	8.8	18.1	10.0		2.4	331.1	27.4	1.2		0.0		359.6	ES
100.4	30.3	60.9	9.1		4.2	383.0	18.2	1.2		1.8		404.2	FR
86.1	23.6	54.3	8.2	1.0	2.2	459.0	27.5	1.4		0.2		488.0	IT
0.8	0.3	0.3	0.1			7.2	0.9	0.0				8.2	CY
1.4	0.6	0.4	0.4	0.0		8.0	0.2	0.1		0.0		8.3	LV
1.4	0.4	0.7	0.2	0.0	0.0	12.8	1.6	0.1		0.0		14.5	LT
1.3	0.6	0.6	0.1			11.4	0.7	0.0				12.1	LU
16.4	5.2	9.9	1.3		0.1	56.6	3.4	0.1		0.4		60.4	HU
0.1	0.0	0.0				2.6	0.0			0.0		2.6	MT
38.1	10.6	17.4	10.0	0.4	1.5	165.0	7.1	0.1				172.2	NL
13.6	3.4	8.7	1.6	0.1	0.2	68.0	9.0	0.2		0.0		77.3	AT
51.7	7.6	32.8	11.4		0.3	310.6	19.0	0.6		0.3		330.5	PL
5.4	2.4	2.2	0.9	0.1	0.7	57.7	6.4	0.3		0.0		64.4	PT
12.4	4.7	7.3	0.5			92.8	17.6	0.2		0.3		111.0	RO
2.2	0.6	1.3	0.2		0.2	15.9	1.0					16.9	SI
4.5	0.8	3.6	0.1	1.1	0.0	35.8	4.1			0.0		40.0	SK
5.0	1.1	2.2	1.7	1.3	0.1	64.2	3.9	0.1				68.1	FI
4.3	0.5	1.8	2.0	0.2	0.7	46.9	4.4	0.2		0.1		51.5	SE
105.9	21.7	80.0	4.3	2.7	4.9	543.4	14.0			0.4	-3.0	554.8	UK
3.7	0.7	2.2	0.7		0.7	20.7	2.8	0.2		0.0		23.7	HR
													MK
41.6		31.7	9.9			252.8	20.9					273.7	TR
0.6	0.0	0.0	0.5	0.0	0.2	2.1	0.9	0.0		0.0		3.0	IS
3.2	0.7	0.7	1.8	0.3	2.5	37.0	6.1	0.1				43.3	NO
17.1	5.2	11.4	0.5	0.6	0.1	43.3	2.1	0.2		0.0		45.6	CH

Notes: (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## CO<sub>2</sub> Emissions(\*) by Sector

### SHARES %

	FUEL COMBUSTION	Energy Industries	Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Manufacturing and Construction	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other	Transport (**)
EU-27	99.5	40.0	87.5	8.3	4.2	16.7	18.7	2.1	13.6	4.7	6.8	54.1	24.6
EU-25	99.5	39.4	87.0	8.7	4.3	16.5	19.2	2.2	13.9	4.9	7.1	52.9	24.9
BE	99.9	25.3	82.2	16.4	1.4	25.3	33.8	1.8	28.4	2.5	7.4	26.1	23.2
BG	100.0	58.3	94.4	0.2	5.4	20.6	25.9	3.1	22.1	1.9	4.9	42.1	17.3
CZ	100.0	49.5	96.2	1.7	2.1	24.2	10.7	0.6	42.7	2.5	8.3	35.1	15.3
DK	99.3	53.2	91.1	3.3	5.5	10.2	9.1	0.3	9.0	3.8	21.7	56.2	24.2
DE	100.0	45.8	89.9	5.5	4.5	12.7	11.5	0.5		0.0	0.6	87.3	20.1
EE	100.0	78.6	94.6	5.4		3.5	0.5	0.2	1.3	1.0	1.8	95.3	15.7
IE	99.9	33.4	96.7	2.5	0.8	12.7	0.0	20.9	7.9	1.4	20.0	49.7	30.2
EL	99.9	53.8	93.1	6.8	0.2	9.4	1.8	14.6	12.4	2.8	9.0	59.3	23.0
ES	99.3	35.4	87.1	11.1	1.8	21.2	11.4	3.7	13.2	8.1	8.3	55.2	32.1
FR	98.9	17.0	72.7	21.5	5.8	20.1	21.0	2.9	20.1	6.5	15.2	34.3	36.4
IT	99.5	34.8	76.4	15.9	7.7	18.0	20.3	1.4	14.3	5.6	7.0	51.4	28.1
CY	100.0	50.4	100.0			10.7			0.8	0.6	5.5	93.1	28.0
LV	100.0	26.1	96.5		3.5	14.8	24.7	1.0	2.3	1.3	22.5	48.4	41.8
LT	99.9	42.4	69.2	30.0	0.8	12.3			12.6	0.2	18.1	69.1	34.6
LU	100.0	12.8	100.0			14.6	18.6	3.3				78.0	61.2
HU	99.9	34.0	91.0	7.6	1.3	15.3	33.5	19.0	26.5	2.4	9.1	9.5	21.7
MT	100.0	75.2	100.0			1.7						100.0	19.7
NL	99.1	37.9	79.6	17.2	3.1	16.8	16.7	0.8	45.3	5.9	13.7	17.6	21.8
AT	99.7	22.7	78.1	18.3	3.5	23.3	40.8	1.4	9.1	13.8	5.3	29.6	33.6
PL	99.9	60.4	94.1	3.3	2.7	10.9	25.9	3.6	19.5	4.2	13.6	33.3	12.0
PT	98.7	38.8	88.2	11.8		17.2	2.2		18.9	8.6	9.0	61.3	34.2
RO	100.0	52.6	100.0			20.8						100.0	13.2
SI	98.9	40.4	99.9	0.1	0.0	16.2	8.8	2.6	6.4	18.5	7.9	55.7	29.3
SK	100.0	31.1	73.9	13.1	13.1	37.2	54.5	1.3	10.9	4.7	3.2	25.4	16.2
FI	99.8	50.8	90.4	8.4	1.2	18.0	32.8	0.8	7.9	35.0	1.7	21.7	21.4
SE	98.4	23.6	74.8	21.8	3.4	23.3	11.3	0.9	15.2	19.3	5.9	47.4	43.3
UK	99.1	40.2	85.2	7.2	7.5	15.3	22.9					77.1	24.3
HR	96.8	33.1	70.5	24.9	4.6	18.7	2.7	0.5	15.5	3.6	14.4	63.3	30.0
MK													
TR	100.0	35.8	94.2	5.8		30.4	11.7	3.5	5.8			78.9	17.3
IS	92.5	1.7	100.0			19.8	0.4	4.6			16.7	78.4	48.5
NO	93.2	36.1	3.3	8.5	88.2	11.4	3.1	5.0	41.4	12.9	9.3	28.4	42.4
CH	99.7	8.3	71.4	28.6		13.8	3.6	1.1	16.2	8.1	10.1	60.9	36.7

Notes: (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions; (\*\*) Excluding international bunkers (international traffic departing from the EU).



## CO<sub>2</sub> Emissions(\*) by Sector

### SHARES %

Other Sectors	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	Other (Not elsewhere specified)	FUGITIVE EMISSIONS FROM FUELS	TOTAL ENERGY	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
18.5	25.3	64.1	10.6	0.2	0.5	93.1	6.8	0.1		0.1	-0.1	100	EU-27
18.9	25.1	64.2	10.7	0.3	0.5	93.4	6.5	0.1		0.1	-0.1	100	EU-25
26.2	21.2	70.6	8.2	0.1	0.1	91.5	8.4			0.1		100	BE
3.8	20.2	68.3	11.5			90.5	9.5	0.0				100	BG
10.1	36.0	61.3	2.7	0.9		89.5	9.9	0.2		0.3		100	CZ
12.2	14.1	54.5	31.4	0.2	0.7	97.0	2.8	0.2				100	DK
21.2	27.1	69.1	3.8	0.2	0.0	90.8	9.2					100	DE
2.2	22.6	62.5	14.9			96.4	3.6					100	EE
23.7	25.5	66.6	7.8		0.1	94.5	5.4	0.2				100	IE
13.8	11.4	68.0	20.6		0.1	92.8	7.0	0.1		0.0		100	EL
11.2	23.9	49.1	27.0		0.7	92.1	7.6	0.3		0.0		100	ES
26.5	30.2	60.7	9.1		1.1	94.8	4.5	0.3		0.4		100	FR
18.8	27.4	63.0	9.6	0.2	0.5	94.0	5.6	0.3		0.0		100	IT
10.9	43.5	44.4	12.1			88.9	11.1	0.0				100	CY
17.2	41.3	30.6	28.1	0.0		96.8	2.5	0.6		0.0		100	LV
10.7	32.6	50.8	16.6	0.1	0.1	88.0	11.3	0.6		0.0		100	LT
11.5	47.0	47.3	5.7			94.4	5.5	0.1				100	LU
29.0	31.6	60.5	7.9		0.1	93.6	5.6	0.1		0.6		100	HU
3.4	53.5	46.5				99.9	0.1			0.0		100	MT
23.3	28.0	45.7	26.3	0.2	0.9	95.8	4.1	0.1				100	NL
20.1	24.9	63.5	11.6	0.2	0.3	88.1	11.6	0.3		0.0		100	AT
16.7	14.7	63.3	22.0		0.1	94.0	5.8	0.2		0.1		100	PL
9.6	43.6	40.2	16.1	0.1	1.3	89.5	9.9	0.5		0.0		100	PT
13.4	37.5	58.4	4.2			83.6	15.9	0.2		0.3		100	RO
14.0	28.6	61.0	10.5		1.1	94.1	5.9					100	SI
12.6	18.7	78.8	2.4	2.9	0.0	89.6	10.3			0.1		100	SK
7.9	22.5	43.8	33.8	2.0	0.2	94.2	5.7	0.1				100	FI
9.3	11.0	41.8	47.2	0.5	1.6	91.0	8.6	0.3		0.1		100	SE
19.7	20.5	75.5	4.0	0.5	0.9	97.9	2.5			0.1	-0.5	100	UK
18.2	19.9	60.2	20.0		3.2	87.5	11.8	0.8		0.0		100	HR
													MK
16.4		76.2	23.8			92.4	7.6					100	TR
28.7	0.3	0.7	99.0	1.4	7.5	68.9	30.9	0.2		0.0		100	IS
9.4	22.8	21.3	55.9	0.8	6.8	85.6	14.1	0.3				100	NO
39.7	30.2	66.6	3.2	1.4	0.3	95.0	4.6	0.4		0.0		100	CH

Notes: (\*) Excluding international bunkers and LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## CO<sub>2</sub> Emissions(\*) from Transport

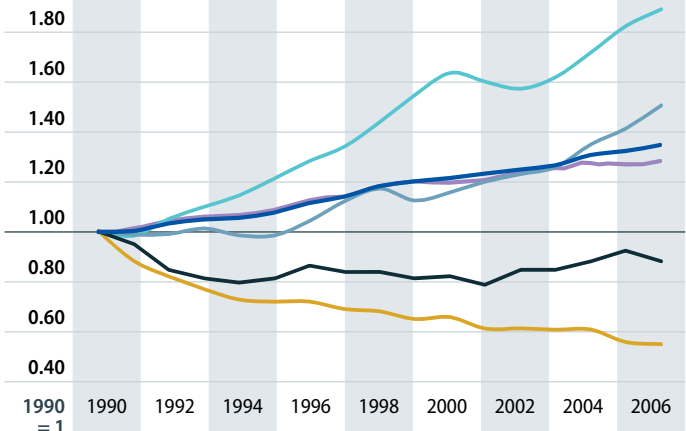
### MILLION TONNES

	1990	1995	2000	2005	2006
<b>EU-27</b>	940.8	1 013.7	1 144.6	1 246.6	1 269.9
<b>EU-25</b>	919.5	996.6	1 128.4	1 225.4	1 247.6
BE	36.5	37.8	44.8	54.2	56.2
BG	12.6	8.3	6.4	8.9	9.4
CZ	8.0	9.9	12.6	18.2	18.6
DK	15.4	18.8	18.7	18.3	19.4
DE	181.9	196.9	206.9	193.0	190.4
EE	4.0	1.9	2.0	2.7	3.2
IE	6.2	7.6	12.8	15.6	16.7
EL	24.9	30.4	32.9	33.8	36.0
ES	71.5	81.9	112.1	137.3	141.8
FR	134.5	145.5	159.7	162.9	163.3
IT	110.0	121.7	132.1	141.7	144.3
CY	1.9	2.2	3.1	3.5	3.6
LV	4.6	2.6	2.3	4.0	4.2
LT	6.4	3.6	3.5	4.7	5.0
LU	3.1	4.0	5.9	8.5	8.2
HU	8.5	7.3	9.2	12.5	12.9
MT	0.3	0.4	0.5	2.9	3.2
NL	64.9	72.2	84.8	99.6	102.8
AT	13.3	15.8	19.4	25.7	24.6
PL	26.8	30.1	34.0	37.3	39.6
PT	12.7	15.7	22.3	23.0	23.5
RO	8.7	8.8	9.8	12.3	12.8
SI	2.8	3.7	3.8	4.5	4.8
SK	5.0	4.4	4.2	6.3	5.9
FI	15.4	13.8	15.8	16.4	16.9
SE	21.7	23.5	25.4	28.6	29.1
UK	139.4	144.9	159.5	170.2	173.4
HR	4.4	3.7	4.7	5.9	6.2
MK					
TR	26.0	32.8	35.0	40.5	43.7
IS	0.9	1.0	1.3	1.3	1.5
NO	11.1	12.1	13.0	14.0	14.6
CH	17.7	17.8	20.5	19.3	19.5

**Notes:** (\*) Including international bunkers (International Traffic departing from the EU) but excluding LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## CO<sub>2</sub> Emissions(\*) from Transport – EU-27 MILLION TONNES

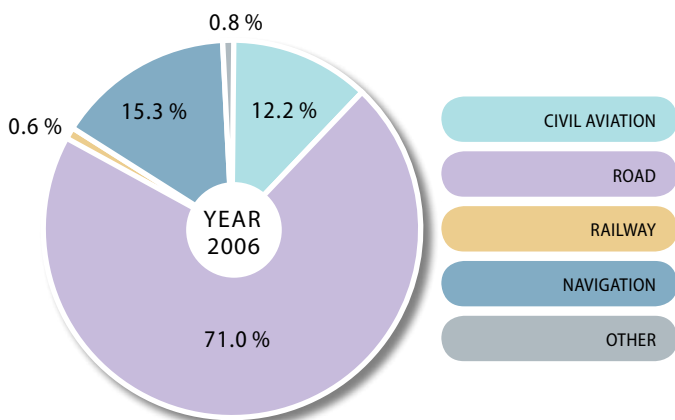
	TOTAL CIVIL AVIATION	Civil Aviation (domestic)**	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic)**	International Bunkers – Marine	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (***)
1990	82.5	16.8	65.6	703.7	14.1	129.2	20.6	108.6	11.4	940.8	4566.1
1991	81.0	16.2	64.8	712.1	12.5	127.5	21.1	106.4	10.8	943.9	4507.5
1992	86.6	16.6	69.9	736.9	11.6	127.9	20.1	107.8	9.7	972.7	4360.4
1993	90.5	16.4	74.1	746.5	10.9	130.9	20.6	110.2	9.3	988.0	4304.8
1994	94.2	16.2	78.0	753.2	10.3	127.2	20.1	107.1	9.1	994.0	4280.5
1995	99.8	17.6	82.3	767.2	10.2	127.2	18.8	108.4	9.4	1013.7	4332.0
1996	105.6	19.1	86.5	789.4	10.2	134.7	19.4	115.3	9.9	1049.8	4443.6
1997	110.4	20.1	90.3	799.3	9.7	145.0	19.3	125.7	9.6	1073.9	4370.0
1998	118.4	21.2	97.2	825.0	9.6	151.5	20.1	131.4	9.6	1114.2	4370.9
1999	127.3	22.8	104.5	841.0	9.2	145.3	20.2	125.1	9.3	1132.1	4305.6
2000	134.5	23.8	110.7	841.8	9.3	149.6	18.6	131.0	9.4	1144.6	4341.5
2001	131.6	23.2	108.5	857.1	8.7	155.1	18.9	136.2	9.0	1161.5	4423.8
2002	129.3	22.4	106.8	870.0	8.7	159.0	18.6	140.4	9.7	1176.7	4402.2
2003	133.2	22.6	110.6	878.6	8.6	162.7	20.6	142.0	9.7	1192.7	4515.8
2004	141.3	23.6	117.7	897.2	8.6	174.5	21.0	153.4	10.1	1231.6	4554.4
2005	150.0	25.3	124.7	895.5	7.9	182.7	21.6	161.1	10.5	1246.6	4543.4
2006	155.4	25.6	129.8	902.0	7.8	194.6	23.4	171.3	10.1	1269.9	4558.7



**Notes:** (\*) Including international bunkers; (\*\*) Excluding international bunkers (international traffic departing from the EU); (\*\*\*) Including International Bunkers but excluding LULUCF.

## CO<sub>2</sub> Emissions(\*) from Transport – EU-27 BY MODE (SHARES %)

	TOTAL CIVIL AVIATION	Civil Aviation (domestic (**))	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic (**))	International Bunkers – Marine	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (***)
1990	8.8	20.4	79.6	74.8	1.5	13.7	16.0	84.0	1.2	20.6	100
1991	8.6	20.0	80.0	75.4	1.3	13.5	16.6	83.4	1.1	20.9	100
1992	8.9	19.2	80.8	75.8	1.2	13.1	15.7	84.3	1.0	22.3	100
1993	9.2	18.1	81.9	75.6	1.1	13.2	15.8	84.2	0.9	23.0	100
1994	9.5	17.2	82.8	75.8	1.0	12.8	15.8	84.2	0.9	23.2	100
1995	9.8	17.6	82.4	75.7	1.0	12.5	14.8	85.2	0.9	23.4	100
1996	10.1	18.1	81.9	75.2	1.0	12.8	14.4	85.6	0.9	23.6	100
1997	10.3	18.2	81.8	74.4	0.9	13.5	13.3	86.7	0.9	24.6	100
1998	10.6	17.9	82.1	74.0	0.9	13.6	13.3	86.7	0.9	25.5	100
1999	11.2	17.9	82.1	74.3	0.8	12.8	13.9	86.1	0.8	26.3	100
2000	11.8	17.7	82.3	73.5	0.8	13.1	12.4	87.6	0.8	26.4	100
2001	11.3	17.6	82.4	73.8	0.7	13.4	12.2	87.8	0.8	26.3	100
2002	11.0	17.4	82.6	73.9	0.7	13.5	11.7	88.3	0.8	26.7	100
2003	11.2	17.0	83.0	73.7	0.7	13.6	12.7	87.3	0.8	26.4	100
2004	11.5	16.7	83.3	72.8	0.7	14.2	12.0	88.0	0.8	27.0	100
2005	12.0	16.9	83.1	71.8	0.6	14.7	11.8	88.2	0.8	27.4	100
2006	12.2	16.5	83.5	71.0	0.6	15.3	12.0	88.0	0.8	27.9	100



**Notes:** (\*) Including international bunkers; (\*\*) Excluding international bunkers (international traffic departing from the EU); (\*\*\*) Including International Bunkers but excluding LULUCF.

## CO<sub>2</sub> Emissions(\*) from Transport BY MODE (MILLION TONNES)

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (**)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic) (**)	International Bunkers – Marine	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (***)
EU-27	155.4	25.6	129.8	902.0	7.8	194.6	23.4	171.3	10.1	1 269.9	4 558.7
EU-25	154.4	25.4	128.9	882.4	7.5	194.1	23.3	170.8	9.3	1 247.6	4 391.3
BE	3.7	0.0	3.7	24.4	0.1	27.8	0.5	27.3	0.2	56.2	150.1
BG	0.6	0.1	0.5	7.6	0.1	0.3		0.3	0.8	9.4	55.9
CZ	1.1	0.0	1.1	17.1	0.3	0.0	0.0		0.2	18.6	129.0
DK	2.7	0.1	2.6	12.6	0.2	3.9	0.5	3.4		19.4	63.6
DE	26.4	5.3	21.2	148.9	1.3	9.4	0.9	8.6	4.3	190.4	910.0
EE	0.1	0.0	0.1	2.1	0.1	0.7	0.0	0.7	0.1	3.2	16.7
IE	3.0	0.1	2.8	13.1	0.1	0.4	0.0	0.4	0.2	16.7	50.6
EL	4.0	1.1	2.9	19.8	0.1	12.1	2.3	9.8	0.0	36.0	122.3
ES	17.2	7.2	10.0	95.1	0.3	29.0	2.8	26.2	0.2	141.8	395.9
FR	21.1	4.7	16.4	129.1	0.6	11.9	2.8	9.1	0.6	163.3	429.8
IT	12.0	2.8	9.2	118.3	0.3	12.6	6.1	6.5	1.0	144.3	503.8
CY	0.9		0.9	2.0		0.6		0.6		3.6	9.7
LV	0.2	0.0	0.2	3.1	0.2	0.7	0.0	0.6		4.2	9.1
LT	0.2	0.0	0.2	4.2	0.2	0.5	0.0	0.4		5.0	15.1
LU	1.2	0.0	1.2	7.0	0.0	0.0	0.0			8.2	13.3
HU	0.7	0.0	0.7	12.1	0.2	0.0	0.0			12.9	61.0
MT	0.3	0.0	0.3	0.5		2.4	0.0	2.4		3.2	5.3
NL	11.0	0.0	11.0	34.9	0.1	56.8	0.6	56.2		102.8	239.4
AT	2.0	0.2	1.8	21.9	0.1	0.1	0.1		0.5	24.6	79.1
PL	1.3	0.1	1.2	36.2	0.5	1.0	0.0	0.9	0.6	39.6	332.7
PT	2.7	0.4	2.3	18.8	0.1	1.9	0.2	1.7		23.5	68.4
RO	0.5	0.0	0.4	12.0	0.2	0.1	0.0	0.1	0.1	12.8	111.5
SI	0.1	0.0	0.1	4.6	0.0	0.1		0.1		4.8	17.0
SK	0.1	0.0	0.1	5.7	0.1	0.0		0.0	0.0	5.9	40.1
FI	1.8	0.3	1.4	11.9	0.1	2.4	0.6	1.8	0.7	16.9	71.3
SE	2.6	0.6	2.0	18.5	0.1	7.6	0.5	7.1	0.3	29.1	60.7
UK	37.9	2.3	35.6	120.5	2.2	12.3	5.5	6.8	0.5	173.4	597.2
HR	0.3	0.2	0.1	5.6	0.1	0.2	0.1	0.1		6.2	23.9
MK											
TR	4.5	4.5		37.1	0.7	1.4	1.4			43.7	273.7
IS	0.4	0.0	0.4	0.9		0.2	0.1	0.1		1.5	3.6
NO	0.9	0.9		9.9	0.0	2.5	2.5		1.3	14.6	43.3
CH	3.8	0.1	3.7	15.4	0.1	0.1	0.1		0.1	19.5	49.2

**Notes:** (\*) Including international bunkers; (\*\*) Excluding international bunkers (international traffic departing from the EU); (\*\*\*) Including International Bunkers but excluding LULUCF.

## CO<sub>2</sub> Emissions(\*) from Transport BY MODE (SHARES %)

	TOTAL CIVIL AVIATION	Civil Aviation (domestic)**	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic)**	International Bunkers – Marine	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (***)
EU-27	12.2	16.5	83.5	71.0	0.6	15.3	12.0	88.0	0.8	27.9	100
EU-25	12.4	16.5	83.5	70.7	0.6	15.6	12.0	88.0	0.7	28.4	100
BE	6.6	0.3	99.7	43.5	0.2	49.4	1.8	98.2	0.3	37.4	100
BG	6.4	20.1	79.9	80.7	1.0	3.6		100.0	8.3	16.9	100
CZ	5.8	1.5	98.5	91.9	1.4	0.1	100.0		0.9	14.4	100
DK	14.0	5.2	94.8	64.8	1.2	20.0	11.7	88.3		30.6	100
DE	13.9	20.0	80.0	78.2	0.7	5.0	9.1	90.9	2.3	20.9	100
EE	3.3	8.9	91.1	66.1	4.3	22.1	4.8	95.2	4.2	19.0	100
IE	17.7	3.8	96.2	78.3	0.7	2.4	0.9	99.1	0.9	33.1	100
EL	11.0	28.0	72.0	55.0	0.4	33.5	18.9	81.1	0.0	29.4	100
ES	12.1	41.8	58.2	67.1	0.2	20.4	9.5	90.5	0.1	35.8	100
FR	12.9	22.2	77.8	79.1	0.4	7.3	23.3	76.7	0.4	38.0	100
IT	8.3	23.1	76.9	82.0	0.2	8.8	48.3	51.7	0.7	28.6	100
CY	25.4		100.0	57.0		17.6		100.0		36.8	100
LV	4.8	1.3	98.7	73.7	5.4	16.1	6.9	93.1		45.9	100
LT	3.3	1.6	98.4	83.2	4.4	9.2	4.2	95.8		33.2	100
LU	15.1	0.0	100.0	84.6	0.3	0.1	100.0			61.7	100
HU	5.1	0.9	99.1	93.4	1.4	0.0	100.0			21.2	100
MT	9.1	0.4	99.6	15.6		75.3	0.8	99.2		60.1	100
NL	10.7	0.4	99.6	33.9	0.1	55.3	1.1	98.9		42.9	100
AT	8.3	11.2	88.8	89.1	0.6	0.2	100.0		1.8	31.1	100
PL	3.3	5.7	94.3	91.6	1.2	2.4	1.4	98.6	1.5	11.9	100
PT	11.5	16.2	83.8	80.1	0.3	8.1	10.6	89.4		34.3	100
RO	3.6	2.6	97.4	93.2	1.7	1.0	31.0	69.0	0.4	11.5	100
SI	1.6	2.0	98.0	95.7	0.8	2.0		100.0		28.0	100
SK	1.9	10.4	89.6	95.6	1.9	0.5		100.0	0.0	14.8	100
FI	10.4	18.5	81.5	70.5	0.8	14.1	23.8	76.2	4.2	23.7	100
SE	9.0	23.7	76.3	63.6	0.2	26.2	6.3	93.7	0.9	48.0	100
UK	21.9	6.2	93.8	69.5	1.3	7.1	44.7	55.3	0.3	29.0	100
HR	4.9	60.3	39.7	90.8	1.6	2.7	63.0	37.0		26.0	100
MK											
TR	10.4	100.0		84.8	1.6	3.3	100.0			16.0	100
IS	28.6	6.7	93.3	58.6		12.8	27.0	73.0		41.2	100
NO	5.9	100.0		67.6	0.3	17.2	100.0		9.1	33.8	100
CH	19.4	3.2	96.8	79.0	0.4	0.6	100.0		0.6	39.7	100

**Notes:** (\*) Including international bunkers; (\*\*) Excluding international bunkers (international traffic departing from the EU); (\*\*\*) Including International Bunkers but excluding LULUCF.

## CO<sub>2</sub> Emissions(\*) Intensity (tCO<sub>2</sub>/toe)

	1990	1995	2000	2005	2006
<b>EU-27</b>	2.75	2.61	2.52	2.49	2.50
<b>EU-25</b>	2.74	2.60	2.52	2.48	2.49
<b>BE</b>	2.78	2.54	2.35	2.49	2.48
<b>BG</b>	3.15	2.91	2.73	2.74	2.72
<b>CZ</b>	3.36	3.16	3.14	2.80	2.79
<b>DK</b>	3.22	3.32	3.06	2.82	3.04
<b>DE</b>	2.95	2.77	2.66	2.61	2.61
<b>EE</b>	3.73	3.38	3.34	3.06	3.09
<b>IE</b>	3.29	3.40	3.29	3.34	3.26
<b>EL</b>	4.16	4.16	4.16	3.89	3.88
<b>ES</b>	2.71	2.64	2.71	2.79	2.75
<b>FR</b>	1.80	1.68	1.64	1.59	1.57
<b>IT</b>	2.89	2.82	2.75	2.70	2.71
<b>CY</b>	3.67	3.35	3.46	3.82	3.71
<b>LV</b>	2.63	2.09	1.91	1.96	1.96
<b>LT</b>	2.30	1.81	1.76	1.73	1.79
<b>LU</b>	3.54	2.96	2.76	2.84	2.83
<b>HU</b>	2.57	2.42	2.39	2.23	2.20
<b>MT</b>	3.18	2.83	3.01	5.25	5.91
<b>NL</b>	2.92	2.87	2.88	2.92	2.97
<b>AT</b>	2.49	2.41	2.33	2.38	2.32
<b>PL</b>	3.70	3.67	3.55	3.40	3.39
<b>PT</b>	2.65	2.73	2.68	2.68	2.70
<b>RO</b>	2.72	2.76	2.58	2.71	2.73
<b>SI</b>	2.69	2.46	2.38	2.30	2.32
<b>SK</b>	2.95	2.48	2.29	2.14	2.13
<b>FI</b>	2.05	2.06	1.85	1.72	1.89
<b>SE</b>	1.27	1.25	1.26	1.18	1.21
<b>UK</b>	2.89	2.63	2.51	2.56	2.60
<b>HR</b>	5.43	2.43	2.59	2.66	2.66
<b>MK</b>					
<b>TR</b>	2.67	2.76	2.88	3.00	2.89
<b>IS</b>	1.15	1.16	1.05	0.94	0.82
<b>NO</b>	1.61	1.59	1.59	1.33	1.73
<b>CH</b>	1.93	1.90	1.88	1.84	1.75

**Notes:** (\*) Including international bunkers but excluding LULUCF (Land-Use, Land-Use Change and Forestry) emissions.

## CO<sub>2</sub> Emissions(\*) per Capita kg

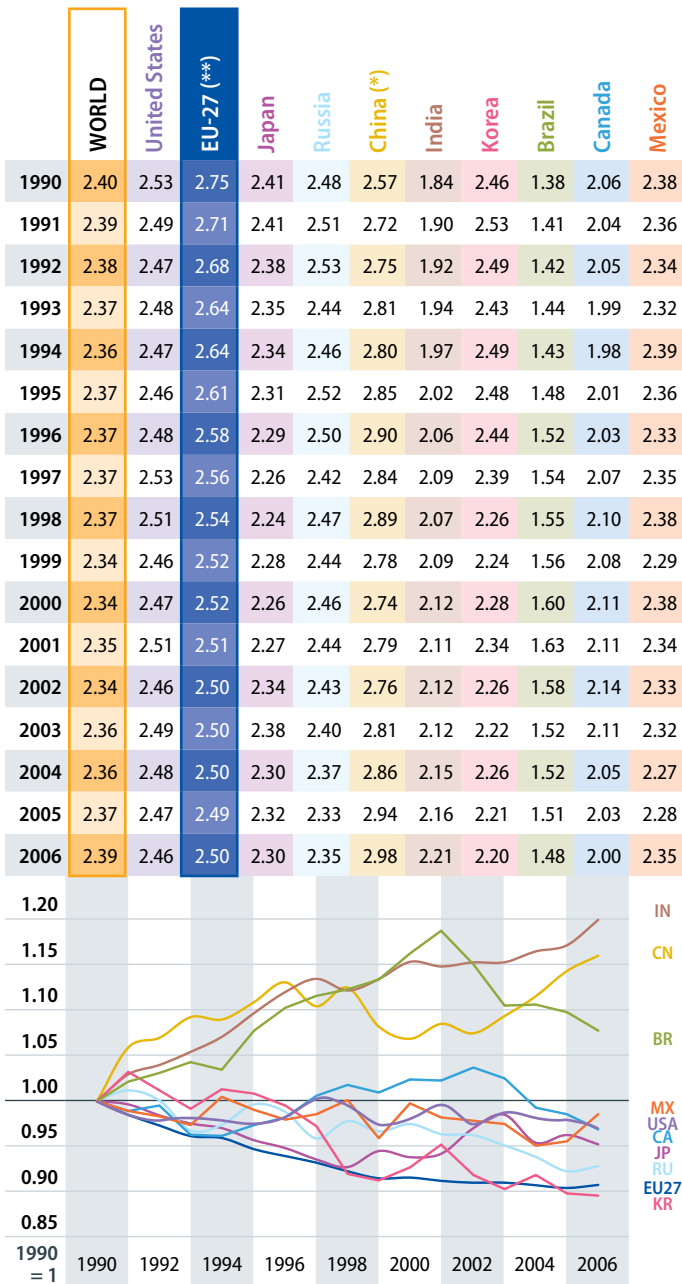
	1990	1995	2000	2005	2006
<b>EU-27</b>	9 290	9 060	8 998	9 236	9 230
<b>EU-25</b>	9 770	9 236	9 272	9 473	9 451
<b>BE</b>	13 565	13 764	14 102	14 512	14 236
<b>BG</b>	10 098	8 065	6 253	7 106	7 259
<b>CZ</b>	15 872	12 735	12 395	12 407	12 563
<b>DK</b>	11 194	12 897	11 183	10 245	11 692
<b>DE</b>	13 251	11 524	11 047	10 983	11 048
<b>EE</b>	23 329	12 483	11 419	12 622	12 447
<b>IE</b>	9 602	10 261	12 398	12 175	11 889
<b>EL</b>	9 146	9 486	10 764	10 984	10 973
<b>ES</b>	6 243	6 902	8 322	9 284	8 983
<b>FR</b>	7 043	6 841	7 015	7 005	6 801
<b>IT</b>	7 815	8 013	8 358	8 644	8 548
<b>CY</b>	9 614	10 158	11 932	12 437	12 532
<b>LV</b>	7 840	3 888	3 010	3 819	3 970
<b>LT</b>	9 976	4 336	3 560	4 369	4 457
<b>LU</b>	33 044	24 145	22 858	28 784	28 247
<b>HU</b>	7 115	6 058	5 860	6 179	6 061
<b>MT</b>	5 131	6 061	5 957	12 467	13 042
<b>NL</b>	13 264	13 818	13 948	14 763	14 647
<b>AT</b>	8 202	8 215	8 438	9 868	9 550
<b>PL</b>	9 806	9 609	8 426	8 376	8 725
<b>PT</b>	4 643	5 563	6 567	6 862	6 464
<b>RO</b>	7 458	5 870	4 374	4 916	5 167
<b>SI</b>	7 422	7 562	7 688	8 408	8 489
<b>SK</b>	11 694	8 207	7 451	7 573	7 441
<b>FI</b>	11 945	11 740	11 613	11 371	13 548
<b>SE</b>	6 994	7 135	6 776	6 770	6 680
<b>UK</b>	10 660	9 884	9 900	9 907	9 858
<b>HR</b>	5 088	3 773	4 563	5 355	5 376
<b>MK</b>					
<b>TR</b>	2 488	2 782	3 321	3 558	3 751
<b>IS</b>	9 728	10 064	12 037	11 447	11 709
<b>NO</b>	8 200	8 670	9 258	9 273	9 281
<b>CH</b>	7 007	6 636	6 738	6 606	6 514

**Notes:** (\*) Including international bunkers but excluding LULUCF (Land-Use, Land-Use Change and Forestry) emissions.



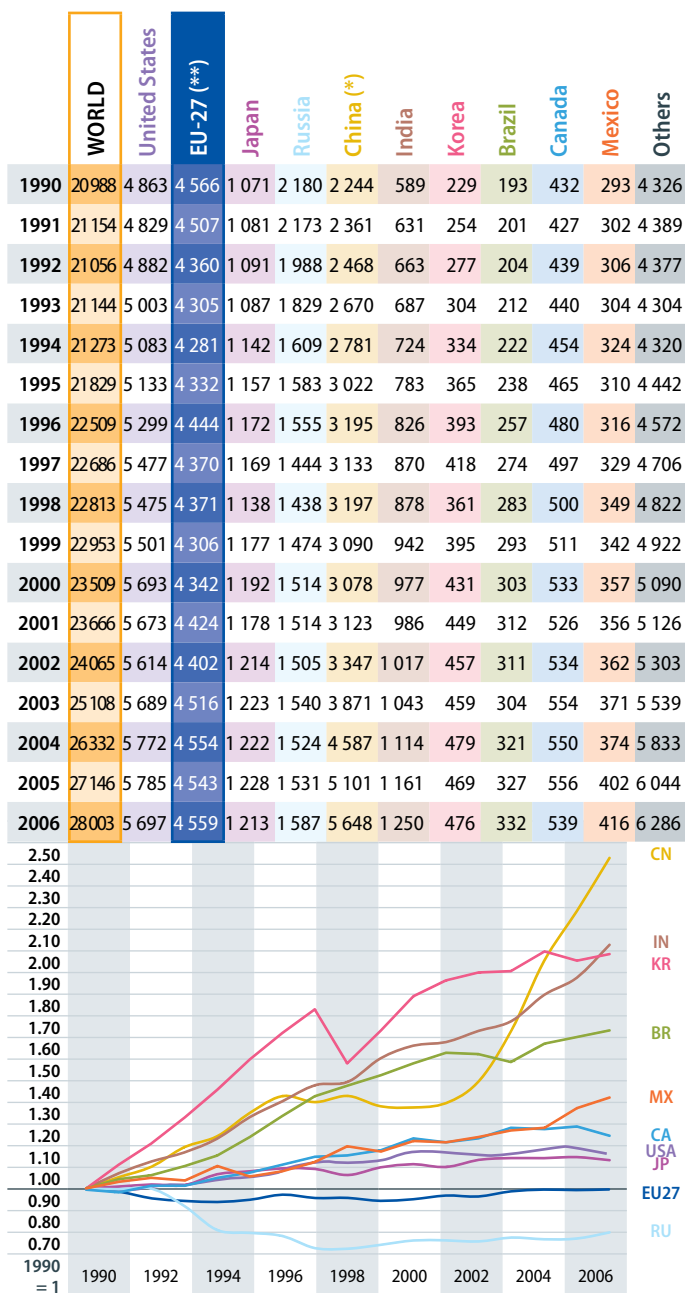
## World Comparison

### CARBON INTENSITY (tCO<sub>2</sub>/toe)



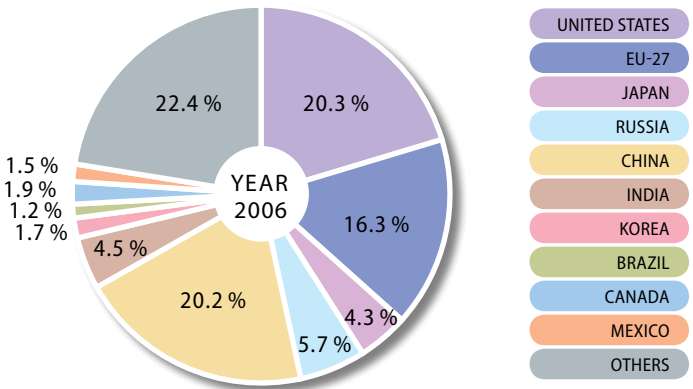
Source: OECD; (\*\*) Source: EEA (not including Bunkers), Eurostat;  
 (\*) Including Hong Kong

## World Comparison CO<sub>2</sub> Emissions BY COUNTRY (Mtoe)



## CO<sub>2</sub> Emissions BY COUNTRY (SHARES, in %)

	WORLD	United States	EU-27 (**)	Japan	Russia	China (*)	India	Korea	Brazil	Canada	Mexico	Others
1990	100.0	23.2	21.8	5.1	10.4	10.7	2.8	1.1	0.9	2.1	1.4	20.6
1991	100.0	22.8	21.3	5.1	10.3	11.2	3.0	1.2	0.9	2.0	1.4	20.7
1992	100.0	23.2	20.7	5.2	9.4	11.7	3.1	1.3	1.0	2.1	1.5	20.8
1993	100.0	23.7	20.4	5.1	8.6	12.6	3.2	1.4	1.0	2.1	1.4	20.4
1994	100.0	23.9	20.1	5.4	7.6	13.1	3.4	1.6	1.0	2.1	1.5	20.3
1995	100.0	23.5	19.8	5.3	7.3	13.8	3.6	1.7	1.1	2.1	1.4	20.3
1996	100.0	23.5	19.7	5.2	6.9	14.2	3.7	1.7	1.1	2.1	1.4	20.3
1997	100.0	24.1	19.3	5.2	6.4	13.8	3.8	1.8	1.2	2.2	1.4	20.7
1998	100.0	24.0	19.2	5.0	6.3	14.0	3.8	1.6	1.2	2.2	1.5	21.1
1999	100.0	24.0	18.8	5.1	6.4	13.5	4.1	1.7	1.3	2.2	1.5	21.4
2000	100.0	24.2	18.5	5.1	6.4	13.1	4.2	1.8	1.3	2.3	1.5	21.7
2001	100.0	24.0	18.7	5.0	6.4	13.2	4.2	1.9	1.3	2.2	1.5	21.7
2002	100.0	23.3	18.3	5.0	6.3	13.9	4.2	1.9	1.3	2.2	1.5	22.0
2003	100.0	22.7	18.0	4.9	6.1	15.4	4.2	1.8	1.2	2.2	1.5	22.1
2004	100.0	21.9	17.3	4.6	5.8	17.4	4.2	1.8	1.2	2.1	1.4	22.2
2005	100.0	21.3	16.7	4.5	5.6	18.8	4.3	1.7	1.2	2.0	1.5	22.3
2006	100.0	20.3	16.3	4.3	5.7	20.2	4.5	1.7	1.2	1.9	1.5	22.4



## 4.3

## 4.3.1

## Emissions of tropospheric ozone precursors(\*) from Transport

Million tonnes, Tropospheric ozone formation potential (TOFP) equivalent (\*\*)

	1990	1995	2000	2004	2005
<b>EU-27</b>	22.681	19.029	14.766	12.110	11.454
<b>EU-25</b>	21.920	18.511	14.296	11.593	10.930
BE	0.439	0.384	0.325	0.267	0.259
BG	0.324	0.251	0.206	0.202	0.224
CZ	0.299	0.342	0.413	0.295	0.232
DK	0.342	0.312	0.239	0.211	0.205
DE	4.238	2.793	2.028	1.546	1.349
EE	0.097	0.044	0.038	0.033	0.028
IE	0.164	0.162	0.146	0.114	0.109
EL	0.511	0.555	0.541	0.443	0.443
ES	1.560	1.562	1.440	1.300	1.300
FR	3.434	2.854	2.030	1.559	1.432
IT	3.165	3.259	2.373	1.779	1.779
CY	0.027	0.031	0.032	0.021	0.018
LV	0.094	0.042	0.044	0.046	0.047
LT	0.199	0.103	0.076	0.067	0.075
LU	0.030	0.028	0.020	0.017	0.017
HU	0.309	0.246	0.243	0.253	0.275
MT	0.009	0.009	0.009	0.009	0.009
NL	0.648	0.523	0.428	0.359	0.345
AT	0.289	0.245	0.237	0.249	0.245
PL	1.152	0.961	0.649	0.793	0.666
PT	0.322	0.317	0.291	0.248	0.240
RO	0.437	0.268	0.264	0.315	0.299
SI	0.076	0.088	0.069	0.058	0.060
SK	0.119	0.105	0.091	0.093	0.087
FI	0.420	0.345	0.304	0.219	0.206
SE	0.546	0.444	0.350	0.290	0.282
UK	3.432	2.758	1.879	1.325	1.223
HR	0.139	0.100	0.117	0.094	0.094
MK	0.016	0.016	0.031	0.027	0.028
TR	0.722	0.931	0.878	1.397	1.397
IS					
NO	0.353	0.319	0.271	0.239	0.233
CH	0.294	0.202	0.165	0.134	0.125

**Notes:** (\*) Ozone precursors: NO<sub>x</sub>, NMVOC, CO, CH<sub>4</sub>. (\*\*) Weighting factors are used to derive tropospheric ozone forming potentials (TOFP) so that emissions can be combined in terms of their contribution to tropospheric ozone: nitrogen oxides 1.22, non-methane volatile organic compounds 1.0, carbon monoxide 0.11 and methane 0.014.

## Final Energy Consumption BY FUEL 2006 (ktoe)

	TOTAL FINAL CONSUMPTION OF PETROL AND DIESEL FOR TRANSPORT	Motor Spirit	Gas Diesel Oil	SHARE OF BIOFUELS IN TOTAL FINAL CONSUMPTION OF PETROL AND DIESEL FOR TRANSPORT	BIOFUELS	Biogasoline	Biodiesel	Other liquid biofuels (*)
EU-27	30 0408	11 0207	19 0201	1.8%	5 339	882	4 440	17
EU-25	29 4217	10 8058	18 6159	1.8%	5 334	882	4 440	12
BE	8 207	1 542	6 666					
BG	2 103	636	1 467	0.2%	5			5
CZ	5 675	2 114	3 560	0.3%	19	1	18	
DK	4 343	1 897	2 446	0.1%	4	4		
DE	49 628	22 996	26 632	7.0%	3 467	328	3 139	
EE	761	326	435					
IE	4 464	1 974	2 491	0.1%	2	1	1	1
EL	6 775	4 131	2 643	0.7%	46		46	
ES	34 318	7 291	27 026	0.5%	172	115	57	
FR	41 877	10 484	31 393	1.7%	719	149	571	
IT	37 736	13 291	24 445	0.4%	161		161	
CY	618	339	279					
LV	1 068	390	678	0.2%	2	1	2	
LT	1 195	362	833	1.6%	19	5	14	
LU	2 215	472	1 743	0.0%	1		1	
HU	4 260	1 617	2 642	0.3%	11	11		
MT	217	80	137					
NL	11 334	4 383	6 950	0.4%	41	19	23	
AT	6 556	2 034	4 523	1.5%	98		87	11
PL	10 779	4 254	6 525	0.8%	84	55	29	
PT	6 072	1 759	4 313	1.1%	70		70	
RO	4 089	1 513	2 575					
SI	1 511	668	842	0.1%	2		2	
SK	1 696	638	1 058	2.6%	45	1	43	
FI	4 237	1 963	2 274	0.0%	1	1		
SE	7 189	3 936	3 253	2.7%	192	144	47	
UK	41 486	19 116	22 369	0.4%	179	48	131	
HR	1 865	731	1 133					
MK								
TR	11 225	2 862	8 364	0.2%	18		18	
IS	287	170	117					
NO	4 182	1 577	2 605					
CH	5 552	3 666	1 886	0.1%	8	1	7	

**Notes:** (\*) Liquid biofuels, used directly as fuel, not included in biogasoline or biodiesels. The share of biofuels in total final consumption of petrol and diesel for transport contributes towards the 10% binding minimum target for use of renewable energy in transport provided in the 2009 Directive on the promotion of the use of energy from renewable sources (the 10% target is formulated as the ratio between renewable energy consumption in transport and the total final consumption of 1) petrol, 2) diesel, 3) biofuels for road and rail transport and 4) electricity for transport).

## Biofuels Production

### BY FUEL 2006 (ktoe)

	TOTAL	Biogasoline	Biodiesel	Other liquid biofuels (*)
EU-27	6 187	827	4 753	607
EU-25	6 182	827	4 753	602
BE	29			29
BG	5			5
CZ	99	1	97	
DK	88		88	
DE	3 856	321	3 207	328
EE				
IE	3	1	1	2
EL	42		42	
ES	172	115	57	
FR	684	149	535	
IT	199		199	
CY				
LV	9	3	6	
LT	15	6	9	
LU	1		1	
HU	11	11		
MT				
NL	97		16	81
AT	89		25	64
PL	154	76	78	
PT	70		70	
RO				
SI	5		5	
SK	42		42	
FI				
SE	291	144	47	99
UK	225		225	
HR				
MK				
TR	19		19	
IS				
NO				
CH	8	1	7	

Notes: (\*) Liquid biofuels, used directly as fuel, not included in biogasoline or biodiesels.

## Oil Spills at Sea

### NUMBER OF OIL SPILLS, TOTAL AMOUNT SPILT

PERIOD		Number of 7 to 700 tonnes	Number of over 700 tonnes	Tonnes of oil spilt
2007		10	3	16 000
2006		11	4	13 000
2005		21	3	17 000
2004		12	5	15 000
2003		14	4	42 000
2002		12	3	67 000
2001		16	3	8 000
2000		19	4	14 000
1990-1999	(avge per year)	28	8	114 000
1980-1989	(avge per year)	36	9	117 600
1970-1979	(avge per year)	54	25	314 200

### SELECTED MAJOR OIL SPILLS – World outside Europe

SHIPNAME	Year	Location	Oil lost (t)
Atlantic Empress	1979	off Tobago, West Indies	287 000
ABT Summer	1991	700 miles off Angola	260 000
Castillo de Bellver	1983	off Saldanha Bay, South Africa	252 000
Odyssey	1988	700 miles off Nova Scotia, Canada	132 000
Sea Star	1972	Gulf of Oman	115 000
Hawaiian Patriot	1977	300 miles off Honolulu	95 000
Exxon Valdez	1989	Prince William Sound, Alaska	37 000

### SELECTED MAJOR OIL SPILLS – Europe

SHIPNAME	Year	Location	Oil lost (t)
Amoco Cadiz	1978	off Brittany, France	223 000
Haven	1991	Genoa, Italy	144 000
Torrey Canyon	1967	Scilly Isles, United Kingdom	119 000
Irenes Serenade	1980	Navarino Bay, Greece	100 000
Urquiola	1976	La Coruna, Spain	100 000
Independenta	1979	Bosphorus, Turkey	95 000
Jakob Maersk	1975	Oporto, Portugal	88 000
Braer	1993	Shetland Islands, United Kingdom	85 000
Prestige	2002	Cape Finistere, Spain	77 000 (*)
Aegean Sea	1992	La Coruna, Spain	74 000
Sea Empress	1996	Milford Haven, United Kingdom	72 000
Erika	1999	Brittany, France	20 000

Notes: (\*) amount in the hold.

## Notes





## Notes





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