

EU transport in figures



● STATISTICAL POCKETBOOK
2011

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Preface

Transport represents a crucial sector of the economy. This publication provides an overview of the most recent and most pertinent annual 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.

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 3 parts:

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

Most of the tables have data up to 2009; where available, more recent data have been provided.

The tables of this pocketbook may also be found on the Europa site under 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 move-transport-data@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
miot	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 (EU27) (ALSO EEA MEMBERS)

	EU MEMBER STATE SINCE:	ALSO IN SUB-TOTAL OF:
AT Austria	1995	EU15
BE Belgium	1958	EU15
BG Bulgaria	2007	EU12
CY Cyprus	2004	EU12
CZ Czech Republic	2004	EU12
DE Germany	1958	EU15
DK Denmark	1973	EU15
EE Estonia	2004	EU12
EL Greece	1981	EU15
ES Spain	1986	EU15
FI Finland	1995	EU15
FR France	1958	EU15
HU Hungary	2004	EU12
IE Ireland	1973	EU15
IT Italy	1958	EU15
LT Lithuania	2004	EU12
LU Luxembourg	1958	EU15
LV Latvia	2004	EU12
MT Malta	2004	EU12
NL Netherlands	1958	EU15
PL Poland	2004	EU12
PT Portugal	1986	EU15
RO Romania	2007	EU12
SE Sweden	1995	EU15
SI Slovenia	2004	EU12
SK Slovak Republic	2004	EU12
UK United Kingdom	1973	EU15

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	
IS Iceland	
MK Former Yugoslav Republic of Macedonia (FYROM)	
ME Montenegro	
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. **IS** is both a EU candidate country and an EFTA country.

PART 1

GENERAL DATA



PART 1

SUMMARY

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General Data

	AREA	POPULATION	GDP (NOMINAL)	GDP PER HEAD IN PPP	
	1000 km ²	million on 1/1/2010	€ BILLION 2009	2008	2009
EU-27	4 324.8	499.183	11 786.9	100	100
EU-15	3 236.9	395.863	10 913.7	110	110
EU-12	1 087.9	103.320	873.2	59	
BE	30.5	10.840	339.2	115	116
BG	111.0	7.564	35.0	43	
CZ	78.9	10.507	137.2	80	81
DK	43.1	5.535	222.4	123	120
DE	357.1	81.802	2 397.1	116	116
EE	45.2	1.340	13.9	68	64
IE	70.3	4.468	159.6	133	126
EL	132.0	11.305	233.0	94	94
ES	506.0	45.989	1 053.9	103	103
FR	544.0	62.793	1 907.1	106	108
IT	301.3	60.340	1 520.9	104	103
CY	9.3	0.803	16.9	97	98
LV	64.6	2.248	18.5	56	52
LT	65.3	3.329	26.5	61	55
LU	2.6	0.502	38.0	279	271
HU	93.0	10.014	92.9	65	65
MT	0.3	0.413	5.8	79	81
NL	41.5	16.575	572.0	133	131
AT	83.9	8.375	274.3	124	124
PL	312.7	38.167	310.5	56	61
PT	92.1	10.638	168.0	78	80
RO	238.4	21.462	117.5	47	46
SI	20.3	2.047	35.4	91	88
SK	49.0	5.425	63.1	72	73
FI	338.4	5.351	171.2	118	113
SE	450.3	9.341	290.9	123	119
UK	243.8	62.008	1 565.7	114	112
HR	56.6	4.426	45.4	64	49
MK	25.7	2.053	6.7	34	29
TR	785.3	72.561	440.4	47	40
IS	103.0	0.318	8.7	122	117
NO	323.8	4.858	272.8	188	178
CH	41.3	7.786	354.5	143	144

Notes: CY: Area refers to the whole island. FR: Area and population only cover mainland France ("France métropolitaine"). The 4 French overseas departments Guyane, Martinique, Guadeloupe and La Réunion, which are part of the EU, have a combined area of 88 794 km² and a population of 1.9 million. The total area of the EU therefore is 4 413.6 thousand km², its total population on 1 January 2010 was 501.1 million. HR, MK and TR: 2009 estimated on the basis on IMF data.

Growth in GDP and Industrial Production COMPARED TO THE PREVIOUS YEAR

	GROWTH IN GDP Real growth				GROWTH IN INDUSTRIAL PRODUCTION (excluding construction)			
	% CHANGE				% CHANGE			
	2006	2007	2008	2009	2006	2007	2008	2009
EU-27	3.2	3.0	0.5	-4.2	4.2	3.6	-1.8	-13.8
EU-15	3.0	2.8	0.3	-4.3	3.6	3.0	-2.1	-14.2
EU-12	6.9	6.8	4.9	-3.5				
BE	2.7	2.9	1.0	-2.8	5.0	2.9	-0.6	-13.9
BG	6.5	6.4	6.2	-4.9	6.2	9.5	0.4	-18.2
CZ	6.8	6.1	2.5	-4.1	8.7	10.6	-2.4	-13.1
DK	3.4	1.6	-1.1	-5.2	4.1	-2.1	-1.1	-15.1
DE	3.4	2.7	1.0	-4.7	5.7	6.0	0.0	-16.3
EE	10.6	6.9	-5.1	-13.9	10.2	6.4	-4.8	-25.9
IE	5.3	5.6	-3.5	-7.6	3.2	5.2	-2.2	-4.5
EL	5.2	4.3	1.0	-2.0	0.8	2.3	-4.2	-9.2
ES	4.0	3.6	0.9	-3.7	3.9	2.0	-7.3	-15.8
FR	2.2	2.4	0.2	-2.6	1.1	1.4	-2.8	-12.5
IT	2.0	1.5	-1.3	-5.0	3.6	1.8	-3.6	-18.3
CY	4.1	5.1	3.6	-1.7	0.6	4.5	3.9	-8.6
LV	12.2	10.0	-4.2	-18.0	6.5	1.1	-3.9	-15.8
LT	7.8	9.8	2.9	-14.7	6.6	2.5	5.1	-14.6
LU	5.0	6.6	1.4	-3.7	2.4	-0.6	-5.3	-15.8
HU	3.6	0.8	0.8	-6.7	10.6	8.0	-1.0	-17.4
MT	3.3	3.9	2.7	-1.9	9.1	8.5	-8.0	-14.7
NL	3.4	3.9	1.9	-3.9	1.5	2.3	1.4	-7.6
AT	3.6	3.7	2.2	-3.9	7.7	5.8	1.2	-11.2
PL	6.2	6.8	5.1	1.7	12.2	9.5	2.0	-3.6
PT	1.4	2.4	0.0	-2.5	3.2	0.1	-4.1	-8.6
RO	7.9	6.3	7.3	-7.1	9.8	10.1	2.6	-5.9
SI	5.9	6.9	3.7	-8.1	6.3	7.4	1.6	-17.6
SK	8.5	10.5	5.8	-4.8	15.7	16.9	3.1	-13.7
FI	4.4	5.3	0.9	-8.2	10.2	4.7	1.0	-18.1
SE	4.3	3.3	-0.6	-5.3	3.6	3.9	-2.9	-17.9
UK	2.8	2.7	-0.1	-4.9	0.5	0.3	-3.1	-10.0
HR	4.9	5.1	2.1	-5.8	4.3	5.0	0.7	-8.9
MK	4.0	5.9	10.0	-0.9	3.7	3.6	5.5	-7.7
TR	6.9	4.7	0.4	-4.5	7.0	7.5	-0.8	-10.0
IS	4.6	6.0	1.0	-6.8	5.4	5.4	10.8	-5.1
NO	2.3	2.7	0.8	-1.4	-2.2	-1.3	0.3	-3.6
CH	3.6	3.6	1.9	-1.9	7.8	9.5	1.2	-7.7

Notes: GDP growth: EU12: own estimates.

Industrial production: includes mining and quarrying, manufacturing as well as electricity, gas, steam and air conditioning supply (NACE Rev. 2 Sections B, C and D). Data adjusted by working days. MK: gross data (index of industrial production).

IS: based on National Accounts data (and NACE rev. 1): volume index of value added in industry (including energy). BE, CH: Eurostat estimates.

MT and IS: provisional data for 2008 and 2009; CZ and NL: provisional data.

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

Employment and Unemployment

	EMPLOYMENT RATE				UNEMPLOYMENT RATE			
	%				%			
	2006	2007	2008	2009	2006	2007	2008	2009
EU-27	64.8	65.4	65.9	64.6	8.3	7.2	7.1	9.0
EU-15	66.2	66.9	67.3	65.9	7.8	7.1	7.2	9.1
EU-12	58.4	59.9	61.0	60.0	10.1	7.8	6.6	8.6
BE	61.0	62.0	62.4	61.6	8.3	7.5	7.0	8.0
BG	58.6	61.7	64.0	62.6	9.0	6.9	5.7	6.9
CZ	65.3	66.1	66.6	65.4	7.2	5.4	4.4	6.8
DK	77.4	77.1	77.9	75.7	4.0	3.8	3.4	6.1
DE	67.5	69.4	70.7	70.9	10.3	8.7	7.6	7.8
EE	68.1	69.4	69.8	63.5	6.0	4.8	5.6	14.1
IE	68.7	69.2	67.6	61.8	4.5	4.6	6.1	12.0
EL	61.0	61.4	61.9	61.2	9.0	8.4	7.8	9.6
ES	64.8	65.6	64.3	59.8	8.6	8.3	11.4	18.1
FR	63.7	64.3	64.9	64.1	8.8	8.0	7.4	9.1
IT	58.4	58.7	58.7	57.5	6.9	6.2	6.8	7.9
CY	69.6	71.0	70.9	69.9	4.7	4.0	3.8	5.4
LV	66.3	68.3	68.6	60.9	7.0	6.1	7.7	17.5
LT	63.6	64.9	64.3	60.1	5.7	4.4	5.9	13.9
LU	63.6	64.2	63.4	65.2	4.7	4.1	5.1	5.2
HU	57.3	57.3	56.7	55.4	7.5	7.4	7.9	10.1
MT	53.6	54.6	55.3	54.9	6.9	6.5	6.1	7.0
NL	74.3	76.0	77.2	77.0	3.9	3.2	2.7	3.4
AT	70.2	71.4	72.1	71.6	4.8	4.5	3.9	4.9
PL	54.5	57.0	59.2	59.3	14.0	9.7	7.2	8.3
PT	67.9	67.8	68.2	66.3	8.1	8.5	8.1	10.0
RO	58.8	58.8	59.0	58.6	7.6	6.8	6.1	7.2
SI	66.6	67.8	68.6	67.5	6.1	5.0	4.5	6.0
SK	59.4	60.7	62.3	60.2	13.4	11.2	9.5	12.1
FI	69.3	70.3	71.1	68.7	7.8	6.9	6.4	8.4
SE	73.1	74.2	74.3	72.2	7.1	6.2	6.3	8.5
UK	71.6	71.5	71.5	69.9	5.4	5.4	5.7	7.7
HR	55.6	57.1	57.8	56.6	11.5	9.8	8.6	9.3
MK	39.6	40.7	41.9	43.3	36.3	35.2	34.0	32.3
TR	44.6	44.6	44.9	44.3	8.9	9.1	9.9	12.8
IS	84.6	85.1	83.6	78.3	2.9	2.3	3.0	7.4
NO	75.4	76.8	78.0	76.4	3.4	2.5	2.6	3.2
CH	77.9	78.6	79.5	79.0	4.1	3.7	3.4	4.2

Note: **Employment rate:** persons in employment as a percentage of the population of working age (15- 64 years). **Unemployment rate:** persons unemployed (between 15 and 64 years old) as a percentage of the active population.

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
	2009			2009		
EU-27	1.7	24.3	74.1	5.5	23.9	70.5
EU-15	1.5	23.6	74.9	3.4	22.2	74.4
EU-12	3.8	32.7	63.5	14.1	31.0	54.9
BE	0.7	21.7	77.6	1.8	19.3	78.9
BG	5.6	30.3	64.1	19.9	27.1	53.0
CZ	2.3	37.7	60.0	3.5	37.2	59.3
DK	0.9	22.5	76.6	2.8	19.5	77.8
DE	0.8	26.5	72.7	2.1	24.8	73.0
EE	2.6	26.5	71.0	4.1	31.1	64.8
IE	1.0	31.9	67.1	5.3	22.1	72.6
EL	3.1	17.8	79.1	11.5	19.2	69.3
ES	2.6	26.1	71.3	4.4	24.0	71.6
FR	1.7	18.8	79.4	3.2	20.1	76.7
IT	1.8	25.1	73.1	3.9	27.7	68.3
CY	2.3	17.4	80.3	4.6	19.8	75.7
LV	3.3	20.6	76.1	8.6	23.4	68.0
LT	3.4	26.9	69.7	9.3	27.2	63.5
LU	0.3	13.1	86.6	1.4	21.4	77.3
HU	3.3	29.4	67.3	7.1	30.7	62.3
MT	2.1	19.6	78.3	2.5	26.6	70.9
NL	1.7	23.9	74.4	2.8	16.7	80.5
AT	1.5	29.2	69.3	5.2	23.2	71.6
PL	3.6	31.8	64.6	13.4	30.7	55.9
PT	2.3	22.9	74.8	10.9	26.9	62.2
RO	7.1	38.2	54.7	27.8	31.3	40.9
SI	2.4	31.1	66.5	8.6	32.8	58.6
SK	3.9	35.2	60.9	3.2	32.3	64.6
FI	2.7	28.2	69.1	4.9	24.1	70.9
SE	1.8	24.7	73.6	2.1	22.1	75.8
UK	0.7	21.2	78.1	1.7	16.4	81.9
HR	6.4	28.6	65.0	13.9	28.9	57.2
MK	11.6	29.8	58.7	11.4	32.0	56.6
TR	9.1	25.2	65.7	24.6	25.3	50.0
IS	6.3	27.0	66.6	4.8	22.2	73.0
NO	1.2	40.4	58.4	2.8	20.0	77.2
CH	1.2	26.8	72.0	3.6	22.9	73.4

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 gross value added:** HR, MK, IS: 2008. **Share of employment:** based on National Accounts, except for TR and HR and IS (Labour Force Survey). Based on the number of persons except for UK and CH (number of jobs). FR, MK and IS: 2008.

Population

AT 1 JANUARY									
	million								%
	1990	1995	2000	2005	2007	2008	2009	2010	change '09/'10
EU-27	470.388	477.010	481.081	489.323	493.442	495.809	497.805	499.183	0.3
EU-15	363.493	370.667	375.558	385.798	390.120	392.509	394.459	395.863	0.4
EU-12	106.896	106.342	105.523	103.525	103.322	103.300	103.346	103.320	0.0
BE	9.948	10.131	10.239	10.446	10.585	10.667	10.753	10.840	0.8
BG	8.767	8.427	8.191	7.761	7.679	7.640	7.607	7.564	-0.6
CZ	10.362	10.333	10.278	10.221	10.287	10.381	10.468	10.507	0.4
DK	5.135	5.216	5.330	5.411	5.447	5.476	5.511	5.535	0.4
DE	79.113	81.539	82.163	82.501	82.315	82.218	82.002	81.802	-0.2
EE	1.571	1.448	1.372	1.348	1.342	1.341	1.340	1.340	0.0
IE	3.507	3.598	3.778	4.109	4.313	4.401	4.450	4.468	0.4
EL	10.121	10.595	10.904	11.083	11.172	11.214	11.260	11.305	0.4
ES	38.826	39.343	40.050	43.038	44.475	45.283	45.828	45.989	0.4
FR	56.577	57.753	58.858	60.963	61.795	62.130	62.469	62.793	0.5
IT	56.694	56.844	56.924	58.462	59.131	59.619	60.045	60.340	0.5
CY	0.573	0.645	0.690	0.749	0.779	0.789	0.797	0.803	0.8
LV	2.668	2.501	2.382	2.306	2.281	2.271	2.261	2.248	-0.6
LT	3.694	3.643	3.512	3.425	3.385	3.366	3.350	3.329	-0.6
LU	0.379	0.406	0.434	0.461	0.476	0.484	0.494	0.502	1.7
HU	10.375	10.337	10.222	10.098	10.066	10.045	10.031	10.014	-0.2
MT	0.352	0.369	0.380	0.403	0.408	0.410	0.414	0.413	-0.2
NL	14.893	15.424	15.864	16.306	16.358	16.405	16.486	16.575	0.5
AT	7.645	7.943	8.002	8.201	8.283	8.319	8.355	8.375	0.2
PL	38.038	38.581	38.654	38.174	38.125	38.116	38.136	38.167	0.1
PT	9.996	10.018	10.195	10.529	10.599	10.618	10.627	10.638	0.1
RO	23.211	22.712	22.455	21.659	21.565	21.529	21.499	21.462	-0.2
SI	1.996	1.989	1.988	1.998	2.010	2.010	2.032	2.047	0.7
SK	5.288	5.356	5.399	5.385	5.394	5.401	5.412	5.425	0.2
FI	4.974	5.099	5.171	5.237	5.277	5.300	5.326	5.351	0.5
SE	8.527	8.816	8.861	9.011	9.113	9.183	9.256	9.341	0.9
UK	57.157	57.943	58.785	60.039	60.781	61.192	61.595	62.008	0.7
HR	4.773	4.659	4.498	4.444	4.441	4.436	4.435	4.426	-0.2
MK	1.873	1.957	2.022	2.035	2.042	2.045	2.049	2.053	0.2
TR	55.495	61.204	66.889	71.610	69.689	70.586	71.517	72.561	1.5
IS	0.254	0.267	0.279	0.294	0.308	0.315	0.319	0.318	-0.5
NO	4.233	4.348	4.478	4.606	4.681	4.737	4.799	4.858	1.2
CH	6.674	7.019	7.164	7.415	7.509	7.593	7.702	7.786	1.1
LI	0.028	0.031	0.032	0.035	0.035	0.035	0.036	0.036	0.9

Notes: CY: government-controlled area only.

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

Member States External Trade

IMPORTS

YEAR 2009 (VALUE = billion €)

	IMPORTS FROM:								
	WORLD	EU-27	OF WHICH:						
			EXTRA-EU-27	CANDIDATE 5	EFTA	USA	JAPAN	RUSSIA	CHINA
EU-27	3 332.746	2 127.471	1 205.275	44.023	145.927	159.177	56.738	117.254	214.089
EU-15	2 943.806	1 845.630	1 098.176	37.311	141.201	154.232	52.174	87.624	193.992
EU-12	388.940	281.841	107.099	6.713	4.725	4.945	4.564	29.629	20.097
BE	252.326	179.300	73.026	2.194	5.314	14.500	6.495	3.965	10.383
BG	16.876	10.118	6.757	1.135	0.185	0.143	0.076	2.262	0.456
CZ	75.314	58.789	16.525	0.425	0.776	0.853	1.305	3.721	4.303
DK	59.256	41.332	17.924	0.629	4.865	1.928	0.302	0.462	3.733
DE	664.143	428.900	235.244	8.586	43.686	28.110	14.602	23.943	45.163
EE	7.269	5.842	1.427	0.026	0.126	0.093	0.022	0.590	0.182
IE	44.955	29.448	15.508	0.220	1.186	7.606	0.484	0.074	1.714
EL	48.591	28.113	20.479	1.583	0.923	1.392	0.694	2.477	3.045
ES	210.222	131.060	79.162	2.626	4.692	6.681	2.420	4.546	11.951
FR	401.549	277.760	123.789	4.551	15.301	19.105	4.560	9.046	17.812
IT	297.609	170.868	126.740	6.031	12.612	9.463	3.899	12.142	19.334
CY	5.617	4.054	1.563	0.028	0.061	0.086	0.123	0.017	0.307
LV	7.021	5.300	1.721	0.038	0.217	0.058	0.009	0.749	0.143
LT	13.123	7.754	5.369	0.090	0.119	0.146	0.018	3.921	0.325
LU	17.575	12.631	4.944	0.027	0.089	0.378	0.051	0.009	3.292
HU	55.750	38.264	17.486	0.505	0.437	0.885	1.375	4.091	4.837
MT	2.965	2.160	0.805	0.029	0.108	0.077	0.042	0.008	0.117
NL	317.718	155.837	161.881	2.818	12.692	24.708	8.676	14.071	36.897
AT	102.569	79.880	22.689	1.863	7.463	1.636	0.753	1.662	2.542
PL	107.155	77.750	29.405	1.152	1.702	1.522	0.975	9.085	5.557
PT	51.368	40.365	11.003	0.332	0.939	0.864	0.285	0.529	1.115
RO	38.948	28.456	10.491	1.538	0.451	0.515	0.201	1.505	1.903
SI	19.004	13.476	5.529	1.506	0.266	0.332	0.064	0.209	0.553
SK	39.898	29.878	10.020	0.243	0.277	0.234	0.353	3.473	1.414
FI	43.655	28.393	15.262	0.177	1.224	0.943	0.429	7.020	2.305
SE	86.089	58.568	27.521	0.678	8.323	3.242	1.546	3.126	4.140
UK	346.180	183.175	163.006	4.996	21.891	33.675	6.978	4.553	30.567

Notes: **Candidate 5:** Croatia, Former Yugoslav Republic of Macedonia, Montenegro, Iceland and Turkey. **EFTA:** Iceland, Liechtenstein, Norway, Switzerland.

Member States External Trade

EXPORTS

YEAR 2009 (VALUE = billion €)

	EXPORTS TO:								
	WORLD	EU-27	EXTRA-EU-27	OF WHICH:					
				CANDIDATE 5	EFTA	USA	JAPAN	RUSSIA	CHINA
EU-27	3 293.885	2 196.746	1 097.139	58.815	128.476	205.538	36.038	65.614	82.426
EU-15	2 929.458	1 909.470	1 019.988	48.609	120.937	199.073	34.899	52.215	78.811
EU-12	364.427	287.276	77.151	10.206	7.539	6.465	1.139	13.399	3.615
BE	265.159	201.215	63.945	3.203	4.484	14.230	2.220	2.231	4.323
BG	11.699	7.595	4.104	1.165	0.110	0.183	0.014	0.294	0.096
CZ	80.983	68.643	12.340	0.979	1.728	1.296	0.304	1.877	0.602
DK	67.333	45.541	21.792	0.710	4.845	4.084	1.337	1.034	1.524
DE	803.012	500.699	302.313	14.549	42.186	54.156	10.868	20.609	37.262
EE	6.481	4.505	1.975	0.070	0.236	0.274	0.039	0.601	0.055
IE	83.114	50.851	32.264	0.463	2.926	17.479	1.736	0.220	1.615
EL	14.675	9.302	5.373	1.072	0.323	0.715	0.029	0.235	0.093
ES	162.990	113.809	49.181	3.057	3.431	5.651	1.191	1.446	1.959
FR	347.415	216.808	130.606	5.224	11.534	19.643	4.785	5.007	7.872
IT	291.733	168.064	123.669	8.290	14.902	17.099	3.714	6.432	6.629
CY	0.901	0.603	0.298	0.002	0.004	0.013	0.001	0.013	0.011
LV	5.520	3.733	1.786	0.030	0.175	0.085	0.026	0.720	0.017
LT	11.797	7.584	4.213	0.088	0.363	0.348	0.013	1.562	0.022
LU	15.138	13.250	1.888	0.163	0.402	0.312	0.034	0.112	0.132
HU	59.513	46.847	12.666	1.801	0.853	1.356	0.343	2.124	0.886
MT	1.607	0.742	0.866	0.019	0.016	0.151	0.058	0.002	0.027
NL	356.962	276.227	80.736	4.468	9.146	14.098	2.445	4.571	4.732
AT	98.214	70.376	27.838	2.127	5.409	3.947	0.778	2.340	1.918
PL	97.865	77.916	19.950	1.610	2.689	1.773	0.216	3.594	1.050
PT	31.768	23.964	7.804	0.221	0.377	1.012	0.086	0.096	0.222
RO	29.085	21.589	7.496	1.636	0.658	0.344	0.081	0.515	0.213
SI	18.768	12.998	5.770	1.906	0.212	0.215	0.018	0.682	0.085
SK	40.208	34.522	5.686	0.900	0.497	0.426	0.026	1.415	0.551
FI	45.063	25.053	20.011	0.594	1.912	3.518	0.740	4.028	1.857
SE	93.890	54.841	39.049	1.559	11.128	5.999	1.179	1.322	2.944
UK	252.992	139.471	113.521	2.909	7.930	37.130	3.757	2.532	5.727

Notes: **Candidate 5:** Croatia, Former Yugoslav Republic of Macedonia, Montenegro, Iceland and Turkey. **EFTA:** Iceland, Liechtenstein, Norway, Switzerland.

Comparison EU – World

GENERAL DATA

	EU-27 2009	USA 2009	JAPAN 2009	CHINA 2009	RUSSIA 2009
Population million	500.40	307.37	127.51	1 334.74	141.91
Population growth % change since previous year	0.3	0.9	-0.1	0.5	0.0
Urban population % of total	76	81	90	45	73
Area thousand km ²	4 414	9 629	378	9 597	17 075
Population density Persons/km ²	113	32	337	139	8
GDP (nominal) € billion	11 787	10 123	3 613	3 574	883
Real GDP growth %	-4.2	-2.6	-6.3	9.1	-7.9
Relative GDP per capita in PPP (EU-27 = 100)	100	146	104	22	48
Exports of goods € billion	1 097	745	390	886	201
Imports of goods € billion	1 205	1 129	383	682	118

Notes: EU-27: area, population: including French overseas departments.
EU-27: trade: only extra-EU trade.

PART 2

TRANSPORT



PART 2

SUMMARY

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Statistical Overview EU Transport

Gross Value Added :

With around €520 billion in Gross Value Added (GVA) at basic prices, the provision of transport services (including storage, warehousing and other auxiliary activities) accounted for about 4.6% of total GVA in the EU27 in 2008. 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 included.

Employment:

In 2008, the transport services sector in the EU27 employed around 9.1 million persons, some 4.5% ⁽¹⁾ of the total workforce. Around two thirds of them worked in land transport (road, rail, inland waterways), 2% in sea transport, 5% in air transport and 27% in warehousing and supporting and transport activities (such as cargo handling, storage and warehousing).

Household expenditure:

In 2009, private households in the EU27 spent €890 billion or roughly 13.2% of their total consumption on transport-related items. Close to one third of this sum (around €272 billion) was used to purchase vehicles, slightly more than half (€453 billion) was spent on the operation of personal transport equipment (e.g. to buy fuel for the car) and the rest (€165 billion) was spent for transport services (e.g. bus, train, plane tickets).

Goods transport:

In 2009, total goods transport activities in the EU27 are estimated to have amounted to 3 632 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 46.6% of this total, rail for 10.0%, inland waterways for 3.3% and oil pipelines for 3.3%. Intra-EU maritime transport was the second most important mode with a share of 36.8% while intra-EU air transport only accounted for 0.1% of the total.

Passenger transport:

In 2009, total passenger transport activities in the EU27 by any motorized means of transport are estimated to have amounted to 6 503 billion pkm or on average 13.063 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 73.5% of this total, powered two-wheelers for 2.4%, buses & coaches for 7.8%, railways for 6.2% and tram and metro for 1.4%. Intra-EU air and Intra-EU maritime transport contributed 8.0% and 0.6% respectively.

Safety:

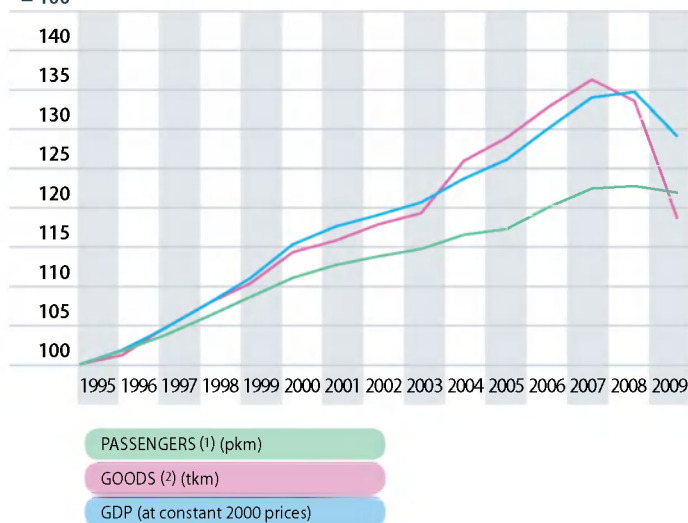
- Road:** 34 826 persons were killed in road accidents (fatalities within 30 days) in 2009, 10.5% fewer than in 2007 (when 38 877 people lost their lives). In comparison with 2001, the number of road fatalities was lower by more than a third (35.9%).
- Rail:** 34 passengers lost their lives in 2009; this figure does not include casualties among railway employees or other people run over by trains.
- Air:** In 2010, 2 people were killed on board of an EU carrier which was flying over the EU territory.

Note: ⁽¹⁾ The figure on the actual number of persons employed is based on the NACE 2 classification while the one on the share with respect to the total economy is based on the NACE 1.1 classification.

Transport Growth EU-27

YEAR
1995
= 100

PASSENGERS, GOODS, GDP 1995-2009



ANNUAL GROWTH RATES EU-27

	1995-2009 p.a.	2000-2009 p.a.	2008-2009
GDP at year 2000 prices and exchange rates	1.8 %	1.3 %	-4.2 %
Passenger transport (pkm)	1.4 %	1.0 %	-0.7 %
Freight transport (tkm)	1.2 %	0.4 %	-11.2 %

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	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 drive on the right hand side (Sweden since 3 September 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 the 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 if the operator so requests.

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	11.5 (7)	18	26 (1)	36	44 (1)	44 (1)
EL	7 / 10	13	19	26	33	40	40
ES	10	11.5	18	26	36	40	42 - 44
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 - 44 (8)
LU	10	12 (9)	19	26	44	44	44
HU	10	11.5	18	25	30	40	40 (6)
MT	10	11.5	18	25	36	40	40 (6)
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 (10)	40	40
RO	10	11.5	18	26 (1)	36	40	40
SI	10	11.5	18	26 (1)	36	40	40
SK	10	11.5	18	26 (1)	36	40	40
FI	10	11.5	18	26 (1)	36	44 - 60 (4)	42 - 48
SE	10	11.5	18	26 (1)	38	48 - 60 (5)	48 - 60 (5)
UK	10	11.5	18	26 (1)	36	40	40 - 44 (11)
HR	10	11.5	18	24	36	40	40
MK	10	11.5	18	26 (1)	36	40	40
TR	10	11.5	18	25 / 26	36	40	40 - 44 (8)
IS	10	11.5	18	26 (1)	36	40	44
NO	10	11.5	19	26	37	42	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.

(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 = 44t; 6 axles = 56t; 7 axles = 60t.

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

(6) 44t for 40 feet long ISO containers.

(7) 10.5t for vehicles with mechanical suspension in national traffic.

(8) higher value for vehicles engaged in combined transport.

(9) 11.5 t if mechanical suspension.

(10) 35 t for 3-axle tractor + 1-axle trailer.

Employment by Mode of Transport (in 1000) – 2008

	TOTAL	ROAD freight transport	ROAD passenger transport (*)	Railways	Pipelines	Inland water transport	Sea transport	Air transport	Warehousing and support activities
EU-27	9086.5	3042.2	2137.9	790.0	23.6	42.5	174.8	411.6	2463.9
EU-15	7163.3	2302.6	1702.8	487.3	10.8	34.9	158.8	381.5	2084.7
EU-12	1923.2	739.6	435.1	302.7	12.8	7.6	16.0	30.1	379.2
BE	191.4	59.9	36.6	36.2	0.3	0.6	0.6	6.3	50.8
BG	140.2	43.7	35.8	16.8	0.0	1.1	4.3	2.7	35.8
CZ	262.6	116.7	42.4	55.5	0.5	0.7	0.0	5.9	40.8
DK	124.5	38.7	33.0	9.5	0.8	0.1	14.1	6.3	22.0
DE	1432.3	363.0	327.7	74.5	1.5	9.9	29.7	59.8	566.1
EE	36.3	15.1	5.7	3.1	0.0	0.1	1.1	0.7	10.5
IE	68.2	23.6	12.0	5.3	0.0	0.0	1.0	8.1	18.2
EL	176.3	39.1	75.2	6.4	0.0	0.0	17.7	3.8	34.0
ES	904.8	417.8	193.9	28.0	0.0	0.5	8.2	38.0	218.5
FR	1151.2	336.8	314.9	151.8	3.9	3.7	13.6	73.2	253.3
IT	983.9	349.0	165.9	52.4	2.6	3.1	25.1	22.2	363.6
CY	20.9	2.6	2.8	0.0	0.0	0.0	4.9	2.2	8.4
LV	70.5	22.3	14.7	5.0	0.3	0.0	0.5	1.4	26.1
LT	92.0	46.5	17.3	10.2	0.0	0.1	1.8	0.6	15.4
LU	22.0	9.2	3.1	2.9	0.0	0.1	0.0	4.0	2.8
HU	194.9	71.0	50.6	12.4	0.6	0.9	0.0	2.2	57.2
MT	6.5	1.0	1.4	0.0	0.0	0.0	0.1	2.0	2.0
NL	417.3	128.8	128.1	24.7	0.1	13.1	8.2	34.7	79.5
AT	188.4	61.8	51.1	13.1	0.4	0.5	0.0	9.7	51.8
PL	646.3	281.1	155.5	119.0	3.1	1.6	2.2	6.3	77.6
PT	154.6	67.1	37.0	7.2	0.1	0.1	1.3	8.7	33.0
RO	305.1	96.9	86.6	42.2	7.1	2.3	0.8	4.4	64.9
SI	48.5	23.5	8.0	7.5	0.0	0.1	0.2	0.8	8.3
SK	99.5	19.3	14.1	31.0	1.1	0.6	0.0	0.9	32.3
FI	122.5	39.5	28.1	10.5	0.0	0.2	9.8	7.1	27.4
SE	223.4	75.6	62.3	8.4	0.0	1.1	16.1	7.0	53.0
UK	1002.4	292.6	233.9	56.6	1.1	1.8	13.3	92.6	310.6

Notes: (*) Including all urban and suburban land transport modes (motor bus, tramway, streetcar, trolley bus, underground and elevated railways).
The above figures refer to employment only in those companies whose main activity lies in the mode concerned.
Economic activity according to NACE Rev. 2 classification.

Number of Enterprises by Mode of Transport – 2008

	TOTAL	ROAD freight transport	ROAD passenger transport (*)	Railways	Pipelines	Inland water transport	Sea transport	Air transport	Warehousing and support activities
EU-27	1064 696	600 000	325 728	806	135	9 331	8 222	4 000	116 474
EU-15									
EU-12									
BE			2 259			263		199	2 863
BG		8 188	6 719		0	25	24	38	1 691
CZ		28 375	6 119			87	0	32	4 231
DK	12 615	7 057	3 724	16	4	19	432	51	1 312
DE		36 442			46	1 428	1 894	521	15 605
EE	3 810	2 543	293	9	0	2	27	9	927
IE									
EL		5 318			0			56	1 018
ES		139 527			0	70	272	157	14 082
FR		40 058	37 599	26	26	1 096	697		8 804
IT	140 155	89 466	27 402	28	12	824	639	240	21 544
CY	3 557	1 346	1 455	0	0	0	49	2	705
LV	5 330	2 987	832	11	1	10	43	14	1 432
LT	6 551	4 177	1 202	4	0	15	18	9	1 126
LU		482	173	2	1			17	158
HU		18 368	9 291	20	4	86		101	3 614
MT									
NL	22 197	8 996	4 257	19	8	3 636	685	251	4 345
AT	13 727	7 216	4 948	21	7	72	0	155	1 308
PL	147 580	87 241	50 769	91	5	635	161	111	8 567
PT	24 832	10 856	11 600	3	3	44	176	70	2 080
RO	33 956	21 775	9 774	69	3	130	38	56	2 111
SI	8 383	6 464	1 018	6	2	30	39	41	783
SK		1 484	163			11	0	9	675
FI	23 040	11 346	9 490	4	1	79	258	73	1 789
SE	28 702	14 875	9 067	41	0	474	725	216	3 304
UK	59 832	33 967	12 873	95	7	261	1 269	981	10 379

Notes: (*) Including all urban and suburban land transport modes (motor bus, tramway, streetcar, trolley bus, underground and elevated railways).
The above figures refer to employment only in those companies whose main activity lies in the mode concerned.
Economic activity according to NACE Rev. 2 classification.

Turnover by Mode of Transport

2008 (mio €)

	TOTAL	ROAD freight transport	ROAD passenger transport (*)	Railways	Pipelines	Inland water transport	Sea transport	Air transport	Warehousing and support activities
EU-27	1207654	322 414	109 917	72 218	11 917	7 939	109 199	131 891	442 158
EU-15									
EU-12									
BE			1 637			322		4 352	21 564
BG		1 981	469		0	70		404	1 213
CZ		8 214	1 017			48	0	1 434	7 644
DK				202				2 833	9 178
DE		36 607			2 636	3 035		17 907	95 971
EE		1 034	122		0				2 104
IE		3 004			0			4 945	3 561
EL									
ES		39 976			0	30	2 087	10 947	37 933
FR		43 991	16 005	18 732	2 070	738	12 432		62 246
IT	133 073	46 601	9 083	6 117	2 072	267	11 488	9 542	47 904
CY		174	100	0	0	0			691
LV		1 141							2 159
LT		2 538	281		0			166	1 660
LU		1 244							883
HU		4 575	1 224	801	458	73		1 051	5 875
MT									
NL		20 153	3 397					10 235	23 418
AT	35 564	9 041	3 539	2 559	739	165	0	3 428	16 092
PL		17 712	3 938	4 485	914		417	1 422	7 467
PT		5 094	1 362				487		6 277
RO	11 407	4 766	1 314	1 191	390	159	113	655	2 819
SI		2 159	241					261	1 261
SK		1 329	318			55	0	326	1 942
FI			1 934				2 781		6 135
SE		9 508	5 932		0	115	4 437		15 765
UK	155 222	34 217	16 312	9 274	679	137	9 972	27 428	57 204

Notes: (*) Including all urban and suburban land transport modes (motor bus, tramway, streetcar, trolley bus, underground and elevated railways).
The above figures refer to employment only in those companies whose main activity lies in the mode concerned.
Economic activity according to NACE Rev. 2 classification.

Final Consumption of Households for Transport

BY TYPE OF EXPENDITURE – 2009 (*)

	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	890 160	271 982	453 350	164 828	13.2	1 800
EU-15	827 723	255 365	421 474	150 885	13.3	2 100
EU-12	62 437	16 618	31 876	13 943	12.1	607
BE	20 016	5 905	12 353	1 758	11.6	1 900
BG	2 902	362	1 611	929	18.0	400
CZ	8 013	2 259	3 908	1 846	11.3	800
DK	11 787	3 760	6 727	1 301	11.0	2 100
DE	191 230	76 900	80 000	34 330	14.3	2 300
EE	886	81	524	281	12.7	700
IE	10 388	3 738	4 325	2 325	12.3	2 300
EL	19 984	6 780	8 414	4 791	11.2	1 800
ES	67 169	17 624	37 379	12 166	10.9	1 500
FR	154 569	40 089	91 036	23 444	14.1	2 400
IT	119 660	33 346	69 130	17 183	13.0	2 000
CY	1 744	670	665	409	13.8	2 200
LV	1 168	170	712	286	10.4	500
LT	2 884	439	1 945	500	16.0	900
LU	2 342	933	1 287	122	16.5	4 700
HU	6 774	1 566	4 127	1 081	13.7	700
MT	513	154	251	107	12.7	1 200
NL	29 913	8 048	16 915	4 950	11.7	1 800
AT	18 845	5 207	10 262	3 375	12.4	2 300
PL	17 250	4 770	8 802	3 679	9.2	500
PT	16 071	6 031	7 884	2 156	14.4	1 500
RO	9 703	1 880	4 990	2 832	13.5	500
SI	2 987	959	1 807	222	14.5	1 500
SK	2 733	577	1 374	782	7.6	500
FI	9 102	2 270	4 813	2 019	10.2	1 700
SE	17 091	3 751	9 482	3 859	12.2	1 800
UK	139 954	40 742	61 973	37 239	14.4	2 300

Notes: (*) IE and SK: 2008; PT: 2007; BG: 2005.

EU-totals all refer to 2009, 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	of which:		
			PURCHASE OF VEHICLES	Motor cars	Motorcycles, bicycles and animal drawn vehicles
2010	111.9	114.2	101.7	101.4	105.1
2009	109.6	108.4	101.2	100.9	103.7
2008	108.6	110.7	101.3	101.3	100.7
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

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
2010	119.2	115.5	120.3	120.2	112.9
2009	109.9	112.8	105.1	117.1	110.8
2008	115.3	109.6	119.0	112.8	107.7
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

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
2010	121.1	123.9	120.9	111.7	128.8	119.5	108.8
2009	117.2	118.0	117.9	110.0	128.0	116.5	109.4
2008	113.2	112.8	113.3	110.9	117.8	111.9	109.0
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

EU-27 External Trade by Mode of Transport 2009

VALUE (billion €)

					EXTRA EU-27	
	EXPORT		IMPORT		EXPORT + IMPORT	
Sea	513.3	46.8%	604.9	50.4%	1 118.2	48.7%
Road	235.9	21.5%	154.6	12.9%	390.4	17.0%
Rail	17.7	1.6%	12.5	1.0%	30.2	1.3%
Inland waterway	3.2	0.3%	2.3	0.2%	5.5	0.2%
Pipeline	3.5	0.3%	81.0	6.8%	84.5	3.7%
Air	289.3	26.4%	220.8	18.4%	510.1	22.2%
Self propulsion	26.1	2.4%	18.3	1.5%	44.4	1.9%
Post	1.0	0.1%	2.2	0.2%	3.2	0.1%
Unknown	7.2	0.7%	103.4	8.6%	110.6	4.8%
TOTAL	1 097.1	100.0%	1 200.0	100.0%	2 297.1	100.0%

WEIGHT (million tonnes)

					EXTRA EU-27	
	EXPORT		IMPORT		EXPORT + IMPORT	
Sea	385.8	76.8%	1 083.3	71.3%	1 469.1	72.7%
Road	72.4	14.4%	50.1	3.3%	122.5	6.1%
Rail	18.1	3.6%	51.9	3.4%	70.0	3.5%
Inland waterway	8.2	1.6%	9.9	0.6%	18.0	0.9%
Pipeline	3.7	0.7%	247.9	16.3%	251.6	12.5%
Air	9.8	2.0%	3.1	0.2%	12.9	0.6%
Self propulsion	2.0	0.4%	0.8	0.1%	2.8	0.1%
Post	0.0	0.0%	0.0	0.0%	0.0	0.0%
Unknown	2.0	0.4%	71.8	4.7%	73.8	3.7%
TOTAL	502.0	100.0%	1 518.7	100.0%	2 020.8	100.0%

Notes: 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 ⁽¹⁾	CHINA	RUSSIA
1000 km	2008	2008	2008	2008	2008
Road network (paved)	5 000	4 400	962	2 779	754
Motorway network	66.7	94.3 ⁽²⁾	7.6 ⁽³⁾	60.3	30.0
Railway network	212.9	202.0 ⁽⁴⁾	27.3	79.7	86.0
Electrified rail lines	110.5		15.2	25.0	43.2
Navigable inland waterways	40.9	40.7		122.8	102.0
Oil Pipelines	37.7	272.9		50.8 ⁽⁵⁾	50.0 ⁽⁶⁾

VEHICLE STOCK						
		EU-27	USA	JAPAN	CHINA	RUSSIA
		2009	2008	2009	2009	2008
Passenger cars stock	million	236.1	238.3 (7)	69.1 (8)	31.4	30.3
Motorization	cars / 1000 persons	473	782	542	23	212
Commercial freight vehicles	million	33.84	9.01	6.36	14.80	5.35

TRANSPORT SAFETY						
		EU-27	USA	JAPAN	CHINA	RUSSIA
		2009	2009	2009	2009	2009
Road fatalities	number	34826	33 308	4914	67 759	26 100
	per million inhabitants	70	108	39	51	184

- Notes:** (1) **Japan:** data on the railway network and on the electrified rail lines are of 2007
 (2) **USA:** divided highways with 4 or more lanes (rural or urban interstate, freeways, expressways, arterial and collector) with full access control by the authorities.
 (3) **Japan:** national expressways.
 (4) **USA:** a sum of partly overlapping networks.
 (5) **China:** both oil and gas pipelines.
 (6) **Russia:** only crude oil pipelines. 16 thousand km of oil products pipelines are not included.
 (7) **USA:** all 2-axle 4-tyre vehicles (137 million passenger cars and 101 million other 2-axle 4-tyre vehicles).
 (8) **Japan:** including 28.6 million light motor vehicles (engine capacity up to 660 cubic centimetres).

Comparison EU-27 – World

PASSENGER AND FREIGHT TRANSPORT

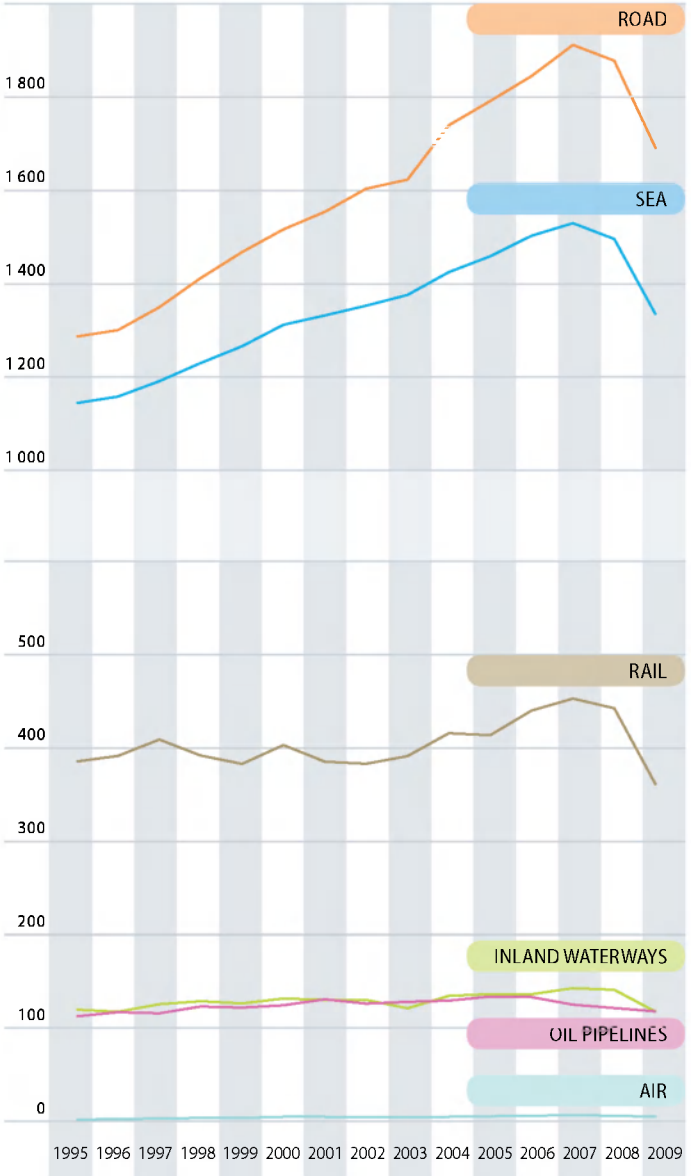
PASSENGER TRANSPORT					
	EU-27	USA	JAPAN	CHINA	RUSSIA
billion pkm	2009	2008	2009	2009	2009
Passenger car	4 781	7 201.8 ⁽¹⁾	766.7 ⁽²⁾	1 345.1 ⁽³⁾	
Bus + trolley-bus + coach	510.4	243.0	87.4		114.8
Railway	404.9	37.1	394	787.9	151.5
Tram + metro	88.8	21.1	⁽⁴⁾		49.8
Waterborne	40.0	0.6	4.9 ⁽⁵⁾	6.9	0.9
Air (domestic / intra-EU-27)	522.0	977.8	75.2	337.5	112.5

FREIGHT TRANSPORT					
	EU-27	USA	JAPAN	CHINA	RUSSIA
billion tkm	2009	2008 ⁽⁶⁾	2009	2008	2009
Road	1 691.4	1 922.9	334.7	3 286.8	180.0
Rail	361.6	2 594.7 ⁽⁷⁾	20.6	2 510.6	1 865.0
Inland waterways	119.8	456.4		1 741.2	53.0
Oil pipeline	120.2	814.2		194.4 ⁽⁸⁾	2 246.0
Sea (domestic / intra-EU-27)	1 336.0	303.5	167.3	3 285.1	97.0

- Notes:** (1) USA: Including light trucks / vans.
 (2) Japan: including light motor vehicles and taxis.
 (3) China: including buses and coaches.
 (4) Japan: included in railway pkm.
 (5) Japan: 2008.
 (6) USA: data for road and oil pipelines are of 2007.
 (7) USA: Class I rail.
 (8) China: oil and gas pipelines.

EU-27 Performance by Mode for Freight Transport – 1995-2009

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	1 146	2.0	3 060
1996	1 303	392	120	119	1 160	2.1	3 096
1997	1 352	410	128	118	1 193	2.2	3 202
1998	1 414	393	131	125	1 232	2.3	3 297
1999	1 470	384	129	124	1 268	2.3	3 377
2000	1 519	404	134	127	1 314	2.5	3 499
2001	1 556	386	133	133	1 334	2.5	3 544
2002	1 606	384	133	128	1 355	2.4	3 608
2003	1 625	392	124	130	1 378	2.4	3 652
2004	1 742	416	137	132	1 427	2.5	3 856
2005	1 794	414	139	136	1 461	2.6	3 946
2006	1 848	440	138	135	1 505	2.7	4 069
2007	1 914	453	145	127	1 532	2.8	4 175
2008	1 881	443	143	124	1 498	2.7	4 091
2009	1 691	362	120	120	1 336	2.5	3 632
1995-2009 per year	31.3 %	-6.3 %	-1.8 %	4.6 %	16.6 %	24.0 %	18.7 %
2000-2009 per year	2.0 %	-0.5 %	-0.1 %	0.3 %	1.1 %	1.5 %	1.2 %
2000-2009 per year	11.4 %	-10.4 %	-10.5 %	-5.1 %	1.7 %	1.2 %	3.8 %
2008-2009	1.2 %	-1.2 %	-1.2 %	-0.6 %	0.2 %	0.1 %	0.4 %
2008-2009	-10.1 %	-18.3 %	-16.3 %	-2.9 %	-10.8 %	-8.1 %	-11.2 %

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	42.1	12.7	3.9	3.9	37.5	0.1
1997	42.2	12.8	4.0	3.7	37.3	0.1
1998	42.9	11.9	4.0	3.8	37.4	0.1
1999	43.5	11.4	3.8	3.7	37.6	0.1
2000	43.4	11.5	3.8	3.6	37.5	0.1
2001	43.9	10.9	3.7	3.8	37.6	0.1
2002	44.5	10.6	3.7	3.6	37.6	0.1
2003	44.5	10.7	3.4	3.6	37.7	0.1
2004	45.2	10.8	3.5	3.4	37.0	0.1
2005	45.5	10.5	3.5	3.4	37.0	0.1
2006	45.4	10.8	3.4	3.3	37.0	0.1
2007	45.9	10.9	3.5	3.1	36.7	0.1
2008	46.0	10.8	3.5	3.0	36.6	0.1
2009	46.6	10.0	3.3	3.3	36.8	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.

Source: tables 2.2.4c to 2.2.7, estimates (in italics)

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	133	2 208
2002	1 606	384	133	128	2 251
2003	1 625	392	124	130	2 271
2004	1 742	416	137	132	2 427
2005	1 794	414	139	136	2 483
2006	1 848	440	138	135	2 562
2007	1 914	453	145	127	2 640
2008	1 881	443	143	124	2 590
2009	1 691	362	120	120	2 293
1995-2009	31.3 %	-6.3 %	-1.8 %	4.6 %	19.9 %
per year	2.0 %	-0.5 %	-0.1 %	0.3 %	1.3 %
2000-2009	11.4 %	-10.4 %	-10.5 %	-5.1 %	5.0 %
per year	1.2 %	-1.2 %	-1.2 %	-0.6 %	0.5 %
2008-2009	-10.1 %	-18.3 %	-16.3 %	-2.9 %	-11.5 %

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	17.2	5.6	5.4	
2005	72.3	16.7	5.6	5.5	
2006	72.1	17.2	5.4	5.3	
2007	72.5	17.2	5.5	4.8	
2008	72.6	17.1	5.5	4.8	
2009	73.8	15.8	5.2	5.2	

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

Road

NATIONAL HAULAGE

HAULAGE BY VEHICLES REGISTERED IN THE REPORTING COUNTRY

thousand mio tkm						% OF TOTAL HAULAGE 2009	% CHANGE '08/'09
	1995	2000	2005	2008	2009		
EU-27		1 088.8	1 229.3	1 269.4	1 154.3	68.2	-9.1
EU-15	869.9	989.4	1 100.8	1 121.0	1 007.2	77.3	-10.2
EU-12		99.5	128.6	148.4	147.1	37.9	-0.9
BE	18.62	19.75	19.28	18.21	17.60	48.7	-3.3
BG		3.06	5.05	7.12	6.31	35.5	-11.5
CZ		14.21	15.52	15.75	13.48	30.0	-14.4
DK	9.33	11.00	11.06	10.72	10.00	59.3	-6.7
DE	201.30	226.53	237.62	264.55	245.57	79.8	-7.2
EE	0.45	0.72	1.85	1.83	1.33	24.8	-27.6
IE	4.70	8.34	13.98	13.27	9.19	71.9	-30.7
EL	20.00	24.50	27.50	24.35	24.23	84.8	-0.5
ES	78.74	106.94	166.39	175.18	151.06	71.3	-13.8
FR	135.30	163.16	177.33	181.88	156.02	89.9	-14.2
IT	150.30	158.25	171.59	151.82	145.61	86.9	-4.1
CY		1.28	1.37	1.30	0.94	98.0	-27.2
LV		1.48	2.73	2.54	2.15	26.5	-15.3
LT		1.53	2.14	2.56	2.63	14.8	2.9
LU	0.53	0.42	0.49	0.60	0.53	6.3	-12.1
HU		12.15	11.39	13.04	12.17	34.4	-6.7
MT		0.20	0.20	0.20	0.20	80.0	0.0
NL	26.68	31.54	31.83	32.01	31.34	43.1	-2.1
AT	11.07	12.39	12.51	14.58	13.49	46.4	-7.5
PL		48.00	60.94	71.92	79.21	43.8	10.1
PT	16.50	17.06	17.45	17.11	14.42	40.3	-15.7
RO		9.88	19.40	23.19	20.88	60.9	-10.0
SI		1.90	2.36	2.64	2.28	15.4	-13.7
SK		5.06	5.62	6.32	5.52	19.9	-12.7
FI	21.80	27.72	27.82	27.62	24.39	87.7	-11.7
SE	28.36	31.45	34.70	37.95	32.12	91.7	-15.4
UK	146.71	150.34	151.22	151.15	131.62	94.3	-12.9
HR		1.91	4.39	6.45	5.13	54.4	-20.5
MK							
TR	112.50	161.55	166.83	181.94	176.46		-3.0
IS	0.50	0.60	0.74	0.81	0.81		1.0
NO		12.11	15.35	16.66	15.28	82.8	-8.3
CH	8.36	8.93	9.12	9.81	9.70	73.6	-1.2

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

Road

INTERNATIONAL HAULAGE (*)

HAULAGE BY VEHICLES REGISTERED IN THE REPORTING COUNTRY

	thousand mio tkm					% OF TOTAL HAULAGE 2009	% CHANGE '08/'09
	1995	2000	2005	2008	2009		
EU-27		429.86	564.68	611.12	537.14	31.8	-12.1
EU-15	268.29	339.49	381.56	349.03	296.26	22.7	-15.1
EU-12		90.37	183.13	262.09	240.88	62.1	-8.1
BE	26.98	31.29	24.57	20.15	18.57	51.3	-7.8
BG		3.34	9.33	8.20	11.44	64.5	39.5
CZ		23.10	27.93	35.13	31.47	70.0	-10.4
DK	13.07	13.02	12.24	8.76	6.87	40.7	-21.5
DE	36.50	54.18	72.49	76.99	61.98	20.2	-19.5
EE	1.10	3.22	3.98	5.52	4.01	75.2	-27.3
IE	0.80	3.94	3.93	4.14	3.60	28.1	-13.1
EL	4.00	4.50	5.00	4.50	4.36	15.2	-3.3
ES	22.86	41.78	66.84	67.80	60.84	28.7	-10.3
FR	42.90	40.84	27.95	24.43	17.60	10.1	-27.9
IT	24.13	26.43	40.22	28.64	22.02	13.1	-23.1
CY		0.03	0.02	0.01	0.02	2.0	50.0
LV		3.31	5.66	9.81	5.97	73.5	-39.2
LT		6.24	13.77	17.86	15.12	85.2	-15.3
LU	4.97	7.20	8.31	8.78	7.87	93.7	-10.4
HU		6.98	13.76	22.72	23.20	65.6	2.1
MT		0.05	0.05	0.05	0.05	20.0	0.0
NL	40.42	48.03	52.34	46.15	41.34	56.9	-10.4
AT	15.43	22.73	24.53	19.73	15.58	53.6	-21.0
PL		27.02	50.89	93.01	101.53	56.2	9.2
PT	15.50	21.85	25.16	21.98	21.38	59.7	-2.7
RO		4.41	32.13	33.20	13.39	39.1	-59.7
SI		3.40	8.67	13.63	12.49	84.6	-8.4
SK		9.28	16.95	22.96	22.19	80.1	-3.4
FI	2.70	4.26	4.04	3.42	3.41	12.3	-0.3
SE	3.24	4.17	3.87	4.42	2.92	8.3	-33.8
UK	14.79	15.28	10.07	9.15	7.92	5.7	-13.4
HR		0.95	4.94	4.60	4.30	45.6	-6.5
MK							
TR							
IS							
NO		3.02	2.90	3.94	3.17	17.2	-19.5
CH (1)	0.75	0.86	0.86	4.10	3.48	26.4	-15.2

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, until 2007 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 REPORTING COUNTRY

	thousand mio tkm						%
	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27	1288.7	1518.7	1794.0	1914.5	1880.5	1691.4	-10.1
EU-15	1138.2	1328.9	1482.3	1523.2	1470.0	1303.5	-11.3
EU-12	150.4	189.8	311.7	391.2	410.5	388.0	-5.5
BE	45.60	51.05	43.85	42.09	38.36	36.17	-5.7
BG	5.20	6.40	14.37	14.62	15.32	17.74	15.8
CZ	31.30	37.31	43.45	48.14	50.88	44.96	-11.6
DK	22.40	24.02	23.30	20.96	19.48	16.88	-13.4
DE	237.80	280.71	310.10	343.45	341.53	307.55	-10.0
EE	1.55	3.93	5.82	6.42	7.35	5.34	-27.4
IE	5.50	12.28	17.91	19.02	17.40	12.79	-26.5
EL	24.00	29.00	32.50	27.79	28.85	28.59	-0.9
ES	101.60	148.72	233.23	258.88	242.98	211.90	-12.8
FR	178.20	204.00	205.28	219.21	206.30	173.62	-15.8
IT	174.43	184.68	211.80	179.41	180.46	167.63	-7.1
CY	1.20	1.31	1.39	1.20	1.31	0.96	-26.4
LV	1.83	4.79	8.39	13.20	12.34	8.12	-34.3
LT	5.20	7.77	15.91	20.28	20.42	17.76	-13.0
LU	5.50	7.61	8.80	9.56	9.38	8.40	-10.5
HU	13.80	19.12	25.15	35.81	35.76	35.37	-1.1
MT	0.25	0.25	0.25	0.25	0.25	0.25	0.0
NL	67.10	79.57	84.16	77.92	78.16	72.68	-7.0
AT	26.50	35.12	37.04	37.40	34.31	29.08	-15.3
PL	51.20	75.02	111.83	150.88	164.93	180.74	9.6
PT	32.00	38.91	42.61	46.20	39.09	35.81	-8.4
RO	19.70	14.29	51.53	59.52	56.39	34.27	-39.2
SI	3.30	5.30	11.03	13.73	16.26	14.76	-9.2
SK	15.90	14.34	22.57	27.16	29.28	27.71	-5.4
FI	24.50	31.98	31.86	29.82	31.04	27.81	-10.4
SE	31.60	35.62	38.58	40.54	42.37	35.05	-17.3
UK	161.50	165.62	161.29	170.99	160.30	139.54	-13.0
HR		2.86	9.33	10.50	11.04	9.43	-14.6
MK		3.50	5.58	5.94	3.98	4.04	1.4
TR (1)	112.50	161.55	166.83	181.33	181.94	176.46	-3.0
IS	0.50	0.60	0.74	0.83	0.81	0.81	1.0
NO	9.70	15.13	18.25	19.38	20.60	18.45	-10.4
CH (2)	9.11	9.79	9.98	10.31	13.91	13.17	-5.3

Notes: (*) (including cross-trade and cabotage);

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

(1) TR: national transport only;

(2) CH: in contrast to the data for other countries, until 2007 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	2007	2008	2009	CHANGE '08/'09
EU-27	526.3	386.1	403.7	414.1	453.1	442.8	361.6	-18.3
EU-15	256.5	222.7	257.1	262.9	297.2	292.4	237.2	-18.9
EU-12	269.8	163.4	146.6	151.3	156.0	150.4	124.5	-17.2
BE	8.37	7.30	7.67	8.13	9.26	8.93	6.37	-28.6
BG	14.13	8.60	5.54	5.16	5.24	4.69	3.15	-33.0
CZ		22.62	17.50	14.87	16.30	15.44	12.79	-17.1
DK	1.73	1.99	2.03	1.98	1.78	1.87	1.70	-8.9
DE	101.70	70.50	82.68	95.42	114.62	115.65	95.83	-17.1
EE	6.98	3.85	8.10	10.64	8.43	5.94	5.95	0.1
IE	0.59	0.60	0.49	0.30	0.13	0.10	0.08	-23.3
EL	0.61	0.29	0.43	0.61	0.84	0.79	0.54	-31.6
ES	11.15	10.96	11.61	11.64	11.11	10.48	7.55	-28.0
FR	52.24	48.27	57.73	40.70	42.62	40.55	32.13	-20.8
IT	19.36	21.69	22.82	22.76	25.29	23.83	17.79	-25.3
CY	-	-	-	-	-	-	-	
LV	18.54	9.76	13.31	19.78	18.31	19.58	18.73	-4.4
LT	19.26	7.20	8.92	12.46	14.37	14.75	11.89	-19.4
LU	0.62	0.53	0.63	0.39	0.29	0.28	0.20	-28.3
HU	16.80	8.40	8.80	9.09	10.05	9.87	7.67	-22.3
MT	-	-	-	-	-	-	-	
NL	3.07	3.10	4.52	5.87	7.22	6.98	5.58	-20.1
AT	12.16	13.20	16.60	18.96	21.37	21.92	17.77	-18.9
PL	81.60	68.20	54.00	49.97	54.25	52.04	43.45	-16.5
PT	1.46	2.02	2.18	2.42	2.59	2.55	2.17	-14.7
RO	48.91	17.91	16.35	16.58	15.76	15.24	11.09	-27.2
SI	4.21	3.08	2.86	3.25	3.60	3.52	2.82	-20.0
SK		13.80	11.23	9.46	9.65	9.30	6.96	-25.1
FI	8.36	9.60	10.11	9.71	10.43	10.78	8.87	-17.7
SE	19.10	19.39	19.48	21.68	23.25	22.92	19.41	-15.4
UK	16.00	13.30	18.10	22.32	26.38	24.83	21.17	-14.8
HR		1.97	1.79	2.84	3.57	3.31	2.64	-20.3
MK			0.50	0.53	0.78	0.74	0.50	-33.1
TR	7.89	8.51	9.76	9.08	9.76	10.55	10.16	-3.7
IS	-	-	-	-	-	-	-	
NO	2.60	2.70	3.00	3.15	3.50	3.62	3.67	1.2
CH	9.05	8.86	11.08	11.68	11.95	12.27	10.57	-13.9

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

Inland Waterways

	thousand mio tkm							%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/ '09
EU-27	118.3	122.1	133.9	138.7	144.9	143.2	119.8	-16.3
EU-15	107.0	114.6	127.4	126.2	132.2	130.0	109.7	-15.7
EU-12	11.4	7.5	6.5	12.4	12.7	13.2	10.2	-22.7
BE	5.39	5.73	7.22	8.57	9.01	8.75	7.09	-19.0
BG	1.61	0.53	0.31	0.76	1.01	0.88	0.61	-30.2
CZ		0.28	0.09	0.06	0.04	0.03	0.03	17.9
DK	-	-	-	-	-	-	-	
DE	54.80	63.98	66.47	64.10	64.72	64.06	55.65	-13.1
EE	0.00	0.00	-	-	-	-	-	
IE	-	-	-	-	-	-	-	
EL	-	-	-	-	-	-	-	
ES	-	-	-	-	-	-	-	
FR	7.58	6.63	9.11	8.91	9.21	8.90	8.71	-2.1
IT	0.12	0.14	0.17	0.09	0.09	0.06	0.05	-15.6
CY	-	-	-	-	-	-	-	
LV	-	-	-	-	-	-	-	
LT	0.16	0.02	0.00	0.00	0.01	0.01	0.00	-76.2
LU	0.36	0.34	0.38	0.34	0.35	0.37	0.28	-24.0
HU	2.04	1.21	0.89	2.11	2.21	2.25	1.83	-18.6
MT	-	-	-	-	-	-	-	
NL	35.66	35.46	41.27	42.23	46.00	45.30	35.66	-21.3
AT	1.66	2.05	2.44	1.75	2.60	2.36	2.00	-15.1
PL	1.03	0.88	1.17	0.33	0.28	0.28	0.20	-27.1
PT	-	-	-	-	-	-	-	
RO	2.09	3.11	2.63	8.44	8.16	8.61	6.59	-23.4
SI	-	-	-	-	-	-	-	
SK		1.47	1.38	0.74	1.00	1.10	0.90	-18.3
FI	1.10	0.08	0.12	0.08	0.10	0.08	0.06	-23.8
SE	-	-	-	-	-	-	-	
UK	0.30	0.20	0.21	0.17	0.16	0.15	0.16	4.0
HR	0.50	0.03	0.06	0.12	0.11	0.84	0.73	-13.7
MK	-	-	-	-	-	-	-	
TR	-	-	-	-	-	-	-	
IS	-	-	-	-	-	-	-	
NO	-	-	-	-	-	-	-	
CH	0.20	0.05	0.05	0.05	0.05	0.04	0.04	-3.9

Notes: FI: only shipborne transport (i.e. no floating);

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

BG and RO: data do not include transit traffic;

HR: data include transit traffic from 2008 onward.

Source: Eurostat, International Transport Forum, national statistics, estimates (in italics)

Pipelines (Oil)

thousand mio tkm								%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27		114.9	126.7	136.0	127.4	123.7	120.2	-2.9
EU-15	71.7	80.2	86.2	90.0	87.5	88.4	83.9	-5.1
EU-12		34.7	40.5	46.0	39.9	35.3	36.3	2.6
BE	1.02	1.37	1.62	1.52	1.49	1.45	1.40	-3.45
BG	0.64	0.41	0.38	0.35	0.42	0.42	0.44	3.98
CZ		2.28	1.61	2.26	2.08	2.32	2.16	-6.87
DK	2.02	3.11	4.69	5.13	4.63	4.21	3.90	-7.46
DE	13.30	14.76	15.03	16.74	15.82	15.67	15.95	1.79
EE	-	-	-	-	-	-	-	
IE	-	-	-	-	-	-	-	
EL	-	-	-	0.15	0.25	0.25	0.22	-13.39
ES	4.22	5.89	7.47	9.23	8.94	9.14	8.23	-9.97
FR	19.60	22.27	21.67	20.86	21.43	21.04	18.24	-13.30
IT	9.20	9.65	10.32	11.42	11.39	11.27	11.64	3.36
CY	-	-	-	-	-	-	-	
LV		5.32	6.47	3.38	2.71	2.10	1.57	-24.99
LT		2.01	3.46	4.41	1.03	0.53	0.41	-22.14
LU	-	-	-	-	-	-	-	
HU	5.29	2.18	2.26	2.68	2.99	2.97	3.01	1.20
MT	-	-	-	-	-	-	-	
NL	4.87	5.28	5.87	5.94	5.58	5.97	5.62	-5.78
AT	6.37	6.77	7.56	7.78	7.23	7.52	7.30	-2.89
PL	13.89	13.49	20.35	25.39	23.51	21.25	22.91	7.82
PT		-	0.50	0.48	0.48	0.45	0.41	-8.16
RO	5.06	2.94	1.39	2.21	1.85	1.72	1.24	-27.73
SI	-	-	-	-	-	-	-	
SK		6.10	4.60	5.30	5.30	5.30	5.35	0.94
FI	-	-	-	-	-	-	-	
SE	-	-	-	-	-	-	-	
UK	11.10	11.10	11.42	10.78	10.23	10.18	10.19	0.05
HR	3.60		0.43	1.51	1.41	1.31	1.45	10.47
MK	-	-	-	0.15	0.16	0.16	0.14	-12.20
TR		3.20	53.13	5.74	12.89	36.40	45.11	23.94
IS	-	-	-	-	-	-	-	
NO	2.06	5.26	3.49	4.59	4.19	3.83	3.85	0.71
CH	1.20	1.25	0.22	0.23	0.22	0.25	0.23	-7.26

Notes: Data are not harmonised and therefore not fully comparable; in most countries, only pipelines longer than 40km are included.

CS: 1990: 7.5. DE: from 1995 onwards: only crude oil (i.e. no refined petroleum products).

USA

PERFORMANCE BY MODE OF TRANSPORT: FREIGHT

	thousand mio tkm				
	ROAD ⁽¹⁾	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
1990	1 239.0	1 554.0	515.8	852.8	4 161.6
1995	1 509.4	1 922.8	534.4	877.6	4 844.2
1996	1 550.2	2 010.5	518.5	904.0	4 983.2
1997	1 621.1	2 031.0	520.0	900.1	5 072.2
1998	1 663.8	2 114.6	520.6	904.9	5 203.8
1999	1 717.2	2 195.3	528.2	901.8	5 342.5
2000	1 741.2	2 257.6	526.2	842.8	5 367.9
2001	1 771.0	2 335.0	504.7	841.1	5 451.8
2002	1 818.2	2 344.0	506.7	855.8	5 524.7
2003	1 846.2	2 341.2	475.8	861.7	5 524.9
2004	1 870.8	2 459.2	496.1	875.4	5 701.5
2005	1 885.3	2 530.6	476.4	886.9	5 779.2
2006	1 885.2	2 709.6	486.0	848.7	5 929.4
2007	1 922.9	2 656.6	472.3	814.2	5 866.0

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	1.8	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	0.0	7.1	2.0	-4.3	2.6
2007	2.0	-2.0	-2.8	-4.1	-1.1
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 - 2007	1.4	2.4	-1.5	-0.5	1.3

MODAL SPLIT

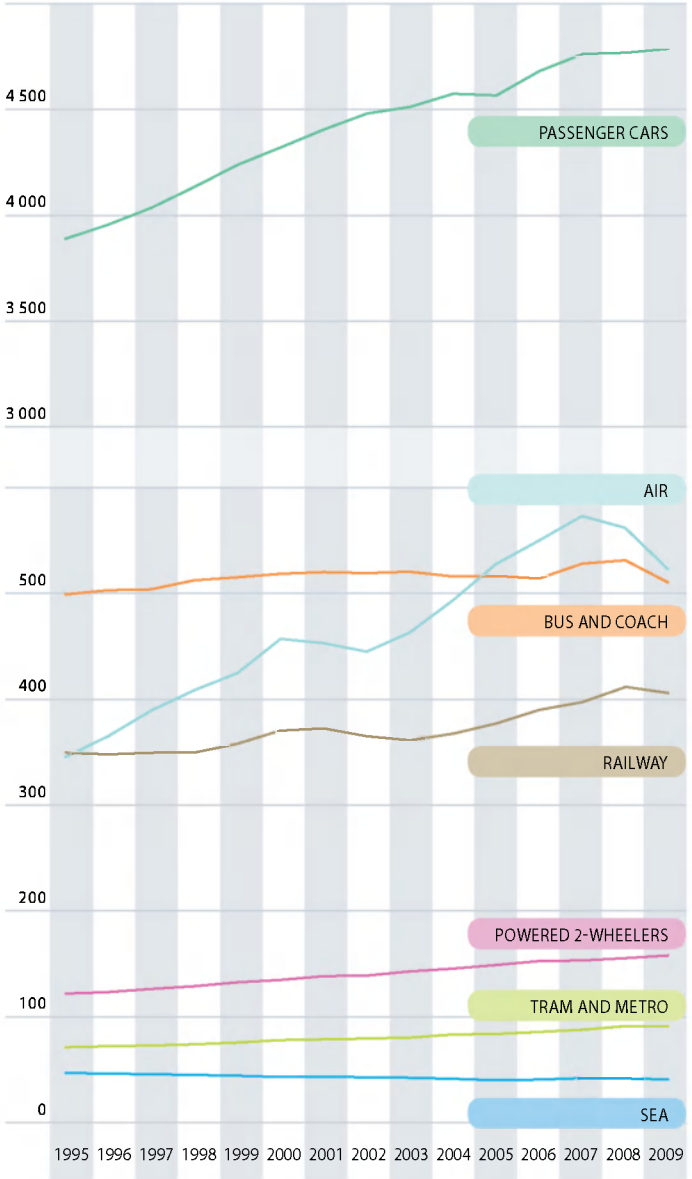
	%				
	ROAD ⁽¹⁾	RAIL	INLAND WATERWAYS	PIPELINES	
1990	29.8	37.3	12.4	20.5	
1995	31.2	39.7	11.0	18.1	
2000	32.4	42.1	9.8	15.7	
2001	32.5	42.8	9.3	15.4	
2002	32.9	42.4	9.2	15.5	
2003	33.4	42.4	8.6	15.6	
2004	32.8	43.1	8.7	15.4	
2005	32.6	43.8	8.2	15.3	
2006	31.8	45.7	8.2	14.3	
2007	32.8	45.3	8.1	13.9	

Notes: ⁽¹⁾ Intercity truck traffic only.

Source: US Department of Transportation

EU-27 Performance by Mode for Passenger Transport – 1995-2009

billion passenger-kilometres



EU-27 Performance by Mode

PASSENGER TRANSPORT

	thousand mio pkm							
	PASSEN- GER CARS	P2W	BUS AND COACH	RAILWAY	TRAM AND METRO	AIR	SEA	TOTAL
1995	3 893	122	500	351	71	346	44	5 327
1996	3 960	123	504	349	72	366	44	5 419
1997	4 039	126	505	351	73	390	44	5 526
1998	4 137	129	513	351	74	409	43	5 654
1999	4 240	132	515	359	75	425	43	5 789
2000	4 321	134	518	371	77	457	42	5 920
2001	4 405	138	520	373	78	453	42	6 008
2002	4 479	138	519	366	79	445	42	6 067
2003	4 510	142	520	362	79	463	41	6 118
2004	4 572	145	516	368	82	493	41	6 215
2005	4 564	148	516	377	82	527	40	6 254
2006	4 678	151	514	390	84	549	40	6 406
2007	4 757	152	527	397	86	572	41	6 532
2008	4 763	154	530	411	89	561	41	6 548
2009	4 781	157	510	405	89	522	40	6 503
'95/'09	22.8%	28.1%	2.1%	15.5%	24.9%	50.9%	-10.0%	22.1%
/year	1.5%	1.8%	0.1%	1.0%	1.6%	3.0%	-0.7%	1.4%
'00/'09	10.6%	16.4%	-1.5%	9.2%	15.0%	14.2%	-4.2%	9.8%
/year	1.1%	1.7%	-0.2%	1.0%	1.6%	1.5%	-0.5%	1.0%
'08/'09	0.4%	1.6%	-3.7%	-1.4%	-0.4%	-7.0%	-2.3%	-0.7%

MODAL SPLIT

	%						
	PASSEN- GER CARS	P2W	BUS AND COACH	RAILWAY	TRAM AND METRO	AIR	SEA
1995	73.1	2.3	9.4	6.6	1.3	6.5	0.8
1996	73.1	2.3	9.3	6.4	1.3	6.8	0.8
1997	73.1	2.3	9.1	6.3	1.3	7.1	0.8
1998	73.2	2.3	9.1	6.2	1.3	7.2	0.8
1999	73.2	2.3	8.9	6.2	1.3	7.3	0.7
2000	73.0	2.3	8.8	6.3	1.3	7.7	0.7
2001	73.3	2.3	8.7	6.2	1.3	7.5	0.7
2002	73.8	2.3	8.6	6.0	1.3	7.3	0.7
2003	73.7	2.3	8.5	5.9	1.3	7.6	0.7
2004	73.6	2.3	8.3	5.9	1.3	7.9	0.7
2005	73.0	2.4	8.3	6.0	1.3	8.4	0.6
2006	73.0	2.4	8.0	6.1	1.3	8.6	0.6
2007	72.8	2.3	8.1	6.1	1.3	8.8	0.6
2008	72.7	2.4	8.1	6.3	1.4	8.6	0.6
2009	73.5	2.4	7.8	6.2	1.4	8.0	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 – 2009

	passenger-km in %			
	PASSENGER CARS	BUS AND COACH	RAILWAYS	TRAM & METRO
EU-27	82.6	8.8	7.0	1.5
EU-15	83.2	8.3	7.2	1.3
EU-12	79.3	12.1	5.7	2.9
BE	78.7	13.2	7.4	0.7
BG	77.7	17.5	3.6	1.2
CZ	69.6	15.5	6.3	8.7
DK	79.3	11.0	9.4	0.3
DE	84.6	6.0	7.9	1.6
EE	78.7	18.9	1.9	0.6
IE	84.4	12.4	2.9	0.2
EL	80.8	16.7	1.1	1.3
ES	80.2	13.1	5.3	1.4
FR	83.0	5.6	9.9	1.5
IT	81.8	11.8	5.6	0.8
CY	82.4	17.6	0.0	-
LV	85.4	9.8	3.9	0.9
LT	92.0	7.1	0.9	-
LU	84.4	11.4	4.2	-
HU	60.5	24.4	11.8	3.3
MT	81.9	18.1	-	-
NL	83.0	6.9	9.3	0.9
AT	74.9	10.0	11.0	4.1
PL	85.8	7.3	5.6	1.3
PT	84.6	10.3	4.1	1.1
RO	74.4	12.6	6.0	6.9
SI	86.6	10.5	2.9	-
SK	76.9	15.6	6.6	0.9
FI	84.3	9.9	5.1	0.7
SE	81.7	7.2	9.3	1.8
UK	87.1	4.9	6.8	1.2
HR	82.1	10.5	5.6	1.8
MK	79.2	18.5	2.4	-
TR	52.5	45.2	2.3	-
IS	88.6	11.4	-	-
NO	87.9	6.6	4.5	0.9
CH	76.2	5.7	16.7	1.5

Notes: If powered two-wheelers are included, they account for 2.6% of the total in EU-27 (2.8% in EU15, 1.9% in EU12), while the share of the other modes becomes:

EU-27	80.5	8.6	6.8	1.5
EU-15	80.9	8.1	7.0	1.3
EU-12	77.8	11.8	5.6	2.9

Passenger Cars

thousand mio pkm								%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27		3892.6	4321.1	4563.8	4756.9	4762.6	4780.8	0.4
EU-15	3128.7	3548.9	3889.2	4043.2	4174.0	4136.4	4137.7	0.0
EU-12		343.7	431.9	520.6	582.9	626.3	643.1	2.7
BE	90.2	98.2	105.5	108.9	112.1	110.4	111.5	1.0
BG		25.0	26.9	35.1	40.4	43.2	46.3	7.2
CZ		54.5	63.9	68.6	71.5	72.4	72.3	-0.1
DK	47.2	48.4	50.6	50.2	51.7	52.2	52.2	0.0
DE	683.1	815.3	831.3	856.9	866.5	871.3	886.8	1.8
EE		5.1	6.7	9.9	10.0	10.5	10.5	0.0
IE	28.5	31.6	38.4	43.4	47.5	49.0	48.3	-1.5
EL	35.0	44.0	63.0	85.0	95.0	100.0	101.3	1.3
ES	174.4	250.4	302.6	337.8	343.3	342.6	350.5	2.3
FR	585.6	640.1	699.6	727.4	727.8	720.2	723.9	0.5
IT	522.6	614.7	726.5	689.0	768.3	736.8	708.1	-3.9
CY		3.4	3.9	4.8	5.3	5.8	6.0	4.3
LV		7.5	11.5	12.1	16.0	17.0	16.7	-1.8
LT		16.0	26.0	34.8	39.1	38.0	36.1	-5.1
LU	4.0	4.7	5.6	6.3	6.6	6.7	6.7	0.0
HU	47.0	45.4	46.2	46.6	41.4	42.0	41.2	-1.9
MT		1.7	1.8	2.0	2.1	2.2	2.2	2.3
NL	137.3	131.4	141.1	148.8	148.8	147.0	146.3	-0.5
AT	55.7	62.2	66.7	70.6	72.0	73.3	72.3	-1.4
PL		110.7	149.7	197.3	239.3	273.5	285.0	4.2
PT	40.0	52.5	71.0	85.0	86.6	87.0	86.0	-1.1
RO		40.0	51.0	61.0	67.5	70.5	75.5	7.1
SI	13.3	16.3	20.3	22.5	24.3	24.9	24.9	0.1
SK		18.0	23.9	25.8	26.0	26.4	26.4	0.1
FI	51.2	50.0	55.7	61.9	63.8	63.4	64.3	1.5
SE	85.9	87.6	91.9	97.3	99.3	98.4	99.4	1.0
UK	588.0	617.9	639.7	674.8	684.6	678.1	680.2	0.3
HR		12.5	20.0	24.0	26.0	27.0	26.8	-0.7
MK		3.7	4.2	4.5	4.7	5.0	5.2	4.0
TR	34.3	52.7	79.0	100.0	114.0	120.0	123.1	2.6
IS		3.0	3.8	4.6	5.1	4.9	5.0	1.1
NO	43.5	44.7	51.2	54.0	56.7	57.7	58.3	1.0
CH	73.3	73.5	78.6	81.4	82.5	83.6	84.9	1.6

Notes: Data are not harmonised and therefore not fully comparable.

Many data for 2009 are provisional.

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

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

Buses & Coaches

thousand mio pkm								%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27	556.3	499.8	518.2	516.4	527.2	530.2	510.4	-3.7
EU-15	368.7	378.7	402.9	405.4	418.2	421.1	412.7	-2.0
EU-12	187.6	121.2	115.4	110.9	109.0	109.1	97.7	-10.4
BE	11.4	13.1	13.3	17.5	18.7	18.4	18.7	1.7
BG	26.0	11.6	14.6	13.7	13.6	13.8	10.5	-24.5
CZ		18.6	16.2	15.6	16.1	16.1	16.1	-0.3
DK	6.4	7.3	7.4	7.3	7.3	7.3	7.3	0.0
DE	73.1	68.5	69.0	67.1	65.4	63.6	62.4	-1.9
EE	4.5	2.0	2.6	2.7	2.7	2.5	2.5	2.5
IE	3.9	5.2	6.1	6.7	7.3	7.5	7.1	-5.2
EL	17.7	20.2	21.7	21.7	22.0	22.1	20.9	-5.3
ES	33.4	39.6	50.3	53.2	59.2	60.9	57.2	-6.0
FR	41.3	41.6	43.0	44.0	47.0	48.5	48.9	0.8
IT	84.0	87.1	93.6	101.2	102.9	102.3	102.3	0.1
CY		1.0	1.1	1.3	1.3	1.3	1.3	-3.5
LV	5.9	1.8	2.3	2.9	2.6	2.5	1.9	-23.7
LT	7.9	4.2	2.8	3.7	3.6	3.4	2.8	-18.9
LU	0.5	0.5	0.6	0.8	0.9	0.9	0.9	-0.5
HU	19.3	16.6	18.7	17.8	17.1	17.7	16.6	-5.7
MT		0.4	0.5	0.5	0.5	0.5	0.5	-4.9
NL	13.0	12.0	11.3	11.8	12.3	12.5	12.1	-3.3
AT	8.0	8.7	9.2	9.3	9.8	9.6	9.6	0.9
PL	46.3	34.0	31.7	29.3	27.4	26.8	24.4	-9.0
PT	10.3	11.3	11.8	11.1	10.9	10.9	10.4	-4.5
RO	24.0	12.3	12.0	11.8	12.2	13.9	12.8	-7.7
SI	6.5	4.1	3.5	3.1	3.2	3.1	3.0	-4.4
SK		14.4	9.3	8.5	8.7	7.4	5.4	-27.9
FI	8.5	8.0	7.7	7.5	7.5	7.5	7.5	0.0
SE	9.7	9.7	9.5	8.8	8.7	8.8	8.8	0.5
UK	47.7	45.8	48.5	37.5	38.5	40.5	38.5	-4.9
HR	7.0	4.1	3.3	3.4	3.8	4.1	3.4	-16.0
MK		0.9	0.9	1.1	1.0	1.2	1.2	-2.1
TR		85.7	87.4	95.0	105.0	110.0	105.8	-3.8
IS		0.4	0.5	0.6	0.7	0.6	0.6	1.3
NO	3.9	3.8	4.1	4.3	4.3	4.4	4.4	0.9
CH	3.3	5.5	5.3	5.7	6.1	6.2	6.3	1.2

Notes: Data are not harmonised and therefore not fully comparable.

Many data for 2009 are provisional.

CS: 1970: 21.4, 1980: 33.8, 1990: 43.4, 1991: 43.1, 1992: 35.0
(included in EU27 and EU12 totals);

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

Tram & Metro

thousand mio pkm								%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27		71.1	77.2	82.4	86.0	89.2	88.8	-0.4
EU-15	49.0	48.8	54.7	60.0	63.3	64.9	64.9	0.0
EU-12		22.3	22.5	22.5	22.7	24.2	23.8	-1.7
BE	0.7	0.8	0.9	0.9	1.0	1.0	1.0	0.2
BG	0.6	0.3	0.4	0.4	0.4	0.5	0.7	41.6
CZ		7.7	8.1	7.9	7.8	9.1	9.0	-1.7
DK	-	-	-	0.2	0.2	0.2	0.2	10.3
DE	15.1	14.4	14.6	15.5	15.9	16.0	16.5	3.2
EE		0.1	0.1	0.1	0.1	0.1	0.1	-0.4
IE	-	-	-	0.1	0.2	0.1	0.1	0.7
EL	0.8	0.7	1.2	1.5	1.6	1.7	1.7	0.7
ES	4.4	4.3	5.2	6.0	6.4	6.5	6.3	-3.5
FR	10.2	8.9	10.9	12.4	12.6	13.3	13.2	-1.3
IT	4.2	5.3	5.6	6.0	6.7	6.9	6.9	1.0
CY	-	-	-	-	-	-	-	
LV	0.7	0.3	0.3	0.3	0.3	0.2	0.2	-30.1
LT	-	-	-	-	-	-	-	
LU	-	-	-	-	-	-	-	
HU		2.5	2.6	2.4	2.3	2.3	2.3	-3.3
MT	-	-	-	-	-	-	-	
NL	1.3	1.4	1.4	1.5	1.5	1.6	1.6	0.6
AT	2.8	3.3	3.6	3.8	3.9	4.0	4.0	0.1
PL		5.0	4.7	4.4	4.6	4.6	4.3	-6.1
PT	0.7	0.5	0.5	0.8	1.0	1.1	1.1	-0.4
RO		6.0	6.0	6.6	6.9	7.0	7.0	0.7
SI	-	-	-	-	-	-	-	
SK		0.4	0.4	0.4	0.4	0.4	0.3	-20.4
FI	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.0
SE	2.0	1.9	2.0	2.0	2.2	2.2	2.2	-1.7
UK	6.5	6.8	8.3	8.7	9.6	9.9	9.7	-1.7
HR		0.5	0.5	0.5	0.7	0.6	0.6	-7.2
MK	-	-	-	-	-	-	-	
TR								
IS	-	-	-	-	-	-		
NO	0.4	0.4	0.5	0.5	0.5	0.6	0.6	2.8
CH		1.5	1.4	1.5	1.5	1.7	1.7	1.8

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	2007	2008	2009	CHANGE '08/'09
EU-27	400.7	350.5	370.7	377.1	396.7	410.5	404.9	-1.4
EU-15	268.9	276.1	309.4	327.6	346.7	361.2	359.0	3.6
EU-12	131.8	74.4	61.4	49.6	50.1	49.3	45.9	-8.3
BE	6.5	6.8	7.7	9.2	9.9	10.4	10.4	0.2
BG	7.8	4.7	3.5	2.4	2.4	2.3	2.1	-8.2
CZ	13.3	8.0	7.3	6.7	6.9	6.8	6.5	-4.4
DK	5.1	4.9	5.5	6.0	6.2	6.3	6.2	-1.7
DE	61.0	71.0	75.4	74.9	79.1	80.9	82.4	1.8
EE	1.5	0.4	0.3	0.2	0.3	0.3	0.2	-9.0
IE	1.2	1.3	1.4	1.8	2.0	2.0	1.7	-14.8
EL	2.0	1.6	1.9	1.9	1.9	1.7	1.4	-14.7
ES	15.5	16.6	20.1	21.6	21.9	24.0	23.1	-3.5
FR	63.7	55.6	69.9	76.2	81.6	86.6	86.0	-0.7
IT	44.7	46.7	49.6	50.5	49.7	49.5	48.2	-2.7
CY	-	-	-	-	-	-	-	-
LV	5.4	1.4	0.7	0.9	1.0	1.0	0.8	-20.5
LT	3.6	1.1	0.6	0.4	0.4	0.4	0.4	-10.3
LU	0.2	0.3	0.3	0.3	0.3	0.3	0.3	-3.5
HU	11.4	8.4	9.7	9.9	8.8	8.3	8.0	-3.2
MT	-	-	-	-	-	-	-	-
NL	11.1	16.4	14.7	15.2	16.3	16.3	16.4	0.7
AT	8.9	10.1	8.7	9.5	9.6	10.8	10.7	-1.7
PL	50.4	26.6	24.1	18.2	19.9	20.2	18.6	-7.7
PT	5.7	4.8	4.0	3.8	4.0	4.2	4.2	-1.4
RO	30.6	18.9	11.6	8.0	7.5	7.0	6.1	-11.9
SI	1.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7
SK	6.4	4.2	2.9	2.2	2.2	2.3	2.3	-1.4
FI	3.3	3.2	3.4	3.5	3.8	4.1	3.9	-4.3
SE	6.6	6.8	8.2	8.9	10.3	11.1	11.3	1.8
UK	33.4	30.3	38.4	44.4	50.2	53.0	52.8	-0.4
HR	3.4	1.1	1.3	1.3	1.6	1.8	1.8	1.4
MK		0.1	0.1	0.1	0.1	0.1	0.2	4.4
TR	6.4	5.8	5.8	5.0	5.6	5.1	5.4	5.4
IS	-	-	-	-	-	-	-	-
NO	2.1	2.4	2.6	2.7	3.0	3.1	3.0	-1.5
CH	12.7	11.7	12.6	16.1	17.4	18.0	18.6	3.1

Rail

HIGH SPEED RAIL TRANSPORT (*) (1)

thousand mio pkm														%
	BE	CZ	DE	ES	FR	IT	NL	PT	SI	FI	SE	UK	EU-27	CHANGE
1990	-	-	-	-	14.92	0.30	-	-	-	-	0.01	-	15.23	
1991	-	-	2.00	-	17.87	0.40	-	-	-	-	0.09	-	20.36	33.7
1992	-	-	5.20	0.40	18.96	0.40	-	-	-	-	0.15	-	25.11	23.3
1993	-	-	7.00	0.90	18.93	0.50	-	-	-	-	0.27	-	27.60	9.9
1994	-	-	8.20	0.90	20.51	0.80	-	-	-	-	0.31	-	30.72	11.3
1995	-	-	8.70	1.29	21.43	1.10	-	-	-	-	0.42	-	32.94	7.2
1996	0.32	-	8.85	1.10	24.79	1.30	0.03	-	-	0.02	1.10	-	37.52	13.9
1997	0.56	-	10.07	1.30	27.58	2.40	0.07	-	-	0.05	1.33	-	43.36	15.6
1998	0.79	-	10.16	1.52	29.98	3.64	0.09	-	-	0.06	1.61	-	47.83	10.3
1999	0.80	-	11.59	1.67	32.36	4.46	0.10	-	-	0.05	1.81	-	52.86	10.5
2000	0.87	-	13.93	1.94	34.75	5.09	0.11	-	-	0.07	2.05	-	58.88	11.2
2001	0.89	-	15.52	2.08	37.40	6.76	0.19	-	-	0.06	2.23	-	65.13	10.8
2002	0.91	-	15.26	2.18	39.86	7.08	0.20	-	-	0.14	2.39	-	68.01	4.4
2003	0.88	-	17.46	2.03	39.60	7.43	0.66	-	-	0.20	2.40	-	70.66	3.9
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	7.7
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	5.3
2006	1.00	0.15	21.64	2.70	44.85	8.91	0.73	0.51	-	0.44	2.49	0.90	84.32	5.2
2007	1.02	0.33	21.92	2.59	47.97	8.82	0.80	0.51	-	0.58	2.78	1.39	88.70	5.2
2008	1.08	0.25	23.33	5.48	52.56	8.88	0.87	0.53	0.01	0.62	2.99	0.99	97.60	10.0
2009	1.06	0.24	22.56	11.51	51.86	10.75	0.92	0.53	0.02	0.60	3.05	1.01	104.10	6.7

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

													%
	BE	CZ	DE	ES	FR	IT	NL	PT	SI	FI	SE	UK	EU-27
2000	11.2		18.5	9.6	49.7	10.3	0.8			2.1	24.8		15.9
2001	11.1		20.5	10.0	52.3	13.5	1.3			1.8	25.5		17.5
2002	11.0		21.5	10.3	54.2	14.4	1.4			4.1	26.9		18.6
2003	10.6		24.5	9.6	55.2	15.3	4.8			6.0	27.2		19.5
2004	10.8	0.0	27.0	10.2	55.8	16.1	4.5	11.8		4.8	28.0	1.0	20.7
2005	10.7	0.1	27.8	10.7	56.6	16.9	4.5	12.9		8.9	26.1	1.0	21.2
2006	10.4	2.1	27.8	12.2	56.4	17.5	4.6	13.1		12.4	25.9	1.9	21.6
2007	10.2	4.8	27.7	11.9	58.8	17.7	4.9	12.7		15.4	27.0	2.8	22.4
2008	10.4	3.7	28.8	22.9	60.7	17.9	5.3	12.5	1.7	15.4	27.0	1.9	23.8
2009	10.2	3.6	27.4	49.7	60.3	22.3	5.6	12.7	1.9	15.6	27.0	1.9	25.7

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 2.5.4.

Source: (*) Union Internationale des Chemins de Fer, national statistics, estimates (*in italics*); (**) table 2.3.7

USA

PERFORMANCE BY MODE OF TRANSPORT: PASSENGERS

thousand mio pkm							TOTAL
	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	
1990	5 280.5	20.0	28.2	195.7	12.3	556.6	6 093.3
1995	5 702.0	17.3	25.9	219.3	14.7	650.0	6 629.2
1996	5 850.6	17.6	26.7	224.2	15.0	699.5	6 833.5
1997	6 021.7	17.8	27.7	233.8	14.6	725.2	7 040.9
1998	6 186.9	18.2	28.3	239.4	15.8	745.5	7 234.2
1999	6 320.7	18.7	29.3	261.7	16.0	785.9	7 432.5
2000	6 456.9	18.5	31.1	259.3	17.3	855.1	7 638.2
2001	6 816.1	18.9	31.8	241.8	17.7	808.5	7 934.8
2002	6 912.4	19.5	30.8	233.9	17.6	778.0	7 992.2
2003	6 997.4	19.6	31.0	231.7	17.8	813.1	8 110.6
2004	7 188.3	20.7	32.0	232.3	18.2	897.8	8 389.3
2005	7 248.7	21.4	31.9	238.4	18.0	939.5	8 497.9
2006	7 318.9	24.6	32.4	231.7	19.7	947.0	8 574.3
2007	7 356.0	27.8	35.3	238.4	21.0	977.8	8 656.3
2008	7 201.8	29.6	37.1	243.0	21.1	939.1	8 471.6

AVERAGE ANNUAL CHANGE

% PER YEAR							TOTAL
	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	
2002	1.4	3.2	-3.1	-3.3	-0.4	-3.8	0.7
2003	1.2	0.3	0.8	-0.9	0.9	4.5	1.5
2004	2.7	5.7	3.0	0.3	2.4	10.4	3.4
2005	0.8	3.3	-0.3	2.6	-1.1	4.6	1.3
2006	1.0	15.3	1.7	-2.8	9.4	0.8	0.9
2007	0.5	13.0	8.9	2.9	6.9	3.2	1.0
2008	-2.1	6.3	5.0	1.9	0.3	-4.0	-2.1
90/95	1.5	-2.8	-1.7	2.3	3.5	3.1	1.7
85/90	2.5	1.3	3.7	3.4	3.4	5.6	2.9
70/85	1.4	6.0	2.2	-0.8	2.5	1.2	1.3

MODAL SPLIT

%							
	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	
1990	86.7	0.3	0.5	3.2	0.2	9.1	
1995	86.0	0.3	0.4	3.3	0.2	9.8	
2000	84.5	0.2	0.4	3.4	0.2	11.2	
2001	85.9	0.2	0.4	3.0	0.2	10.2	
2002	86.5	0.2	0.4	2.9	0.2	9.7	
2003	86.3	0.2	0.4	2.9	0.2	10.0	
2004	85.7	0.2	0.4	2.8	0.2	10.7	
2005	85.3	0.3	0.4	2.8	0.2	11.1	
2006	85.4	0.3	0.4	2.7	0.2	11.0	
2007	85.0	0.3	0.4	2.8	0.2	11.3	
2008	85.0	0.3	0.4	2.9	0.2	11.1	

Notes: (*) Passenger Cars (2008: 4 109 billion pkm) and other 2-axle 4-tyre vehicles (2008: 3 093 billion pkm).

Air: up until 2001: including General aviation.

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	58.1	158.9	311.4	400.6	1268.1	20.5	391.9	717.5	3455.4	1264.8	2427.1	50.6	121.0
BG	155.0	170.9	236.0	93.6	1139.6	13.6	61.1	104.6	253.1	199.5	297.1	72.4	9.1
CZ	308.6	238.3	258.0	203.4	1023.3	56.4	172.5	761.8	766.2	809.1	856.6	124.4	70.7
DK	387.1	58.0	204.6	1878.3	1815.7	142.6	166.9	483.2	1706.1	1059.9	791.2	44.2	139.2
DE	1258.0	1115.6	998.9	1917.9	23727.8	96.8	1473.4	4535.3	20204.3	6414.2	10058.8	315.0	570.6
EE	20.3	13.9	56.4	142.5	97.4	22.2	4.2	36.5	27.6	11.6	10.8	2.3	152.7
IE	392.2	69.6	174.1	193.5	1483.5	4.2	627.4	94.5	3100.0	1852.3	1062.4	30.2	143.1
EL	715.3	105.2	774.6	620.1	4582.3	36.3	94.8	6885.8	556.0	1710.1	1925.8	1151.7	40.3
ES	3507.0	253.7	782.2	2024.3	20486.3	27.9	3071.6	557.2	37597.0	7585.6	9503.6	2.0	79.6
FR	1216.0	198.5	813.1	1068.3	6521.1	11.5	1816.8	1609.5	7564.3	26005.2	7761.8	93.4	108.9
IT	2424.4	297.0	869.5	858.9	9860.6	10.9	1060.5	1953.0	9480.3	7950.1	28430.9	74.0	234.2
CY	48.4	72.4	124.4	56.2	320.7	2.4	30.2	1141.3	1.8	107.4	70.8	0.1	0.0
LV	120.7	9.2	70.8	151.2	573.8	162.1	142.7	40.0	79.3	109.5	230.8	0.0	0.3
LT	24.8	8.6	113.8	165.4	184.5	34.9	158.0	44.1	33.8	2.5	10.4	1.0	235.2
LU	0.5	6.5	15.2	53.9	214.9	0.0	13.3	46.6	198.7	95.8	85.8	7.6	0.6
HU	263.5	134.6	153.5	181.3	1301.8	0.0	222.0	259.1	289.1	484.4	532.9	65.3	0.0
MT	70.2	10.5	8.9	32.3	416.6	0.1	51.6	23.3	115.1	146.9	498.4	59.3	0.0
NL	193.7	140.7	408.1	928.7	2623.4	42.3	698.3	1275.9	4332.6	2464.6	2623.7	101.8	108.1
AT	411.3	314.5	125.4	310.1	5559.8	4.8	147.5	755.1	1064.0	901.8	881.9	154.1	44.4
PL	359.4	148.0	171.7	305.4	2667.2	0.4	883.8	540.8	640.0	721.8	846.7	53.3	34.9
PT	700.0	6.9	69.8	206.9	2380.7	3.1	602.0	9.2	2739.1	2507.9	949.0	1.6	1.3
RO	195.2	33.1	102.7	23.0	955.9	0.0	52.1	282.1	959.6	541.5	1610.0	95.3	0.0
SI	59.2	5.1	31.0	16.7	186.4	0.1	2.7	98.5	15.5	113.2	2.0	0.0	0.0
SK	37.9	46.9	178.6	6.2	62.2	0.0	71.3	109.4	79.5	81.6	213.1	5.3	0.0
FI	181.0	66.3	132.1	617.4	1466.0	151.0	47.0	351.6	958.5	506.6	435.3	61.0	281.3
SE	360.9	75.6	216.3	1412.8	2538.3	130.2	108.6	651.6	1689.5	940.1	725.8	202.3	249.9
UK	1185.3	880.8	1515.6	2457.0	10709.0	99.2	10839.2	4874.1	30423.2	11162.0	9914.1	2702.6	458.4

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

2009

INCLUDING DOMESTIC FLIGHTS (THOUSAND)

LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
25.1	0.6	266.2	71.6	196.3	413.8	359.1	688.4	198.6	59.1	38.2	182.5	360.5	1185.4
8.6	12.2	142.7	11.6	138.1	315.4	151.3	5.7	30.9	4.9	55.7	66.7	74.3	873.9
114.4	15.0	164.7	8.9	405.5	127.4	171.9	62.8	102.8	31.6	191.6	137.1	216.3	1506.4
166.2	54.2	181.2	22.2	789.8	308.7	308.8	191.8	24.5	16.6	6.2	607.7	1429.9	2248.3
294.6	185.0	1313.2	417.2	2608.9	5551.0	2703.1	2354.8	1048.3	185.4	61.6	1466.6	2543.5	10576.6
34.7	0.0	0.3	0.1	42.4	4.8	0.3	2.9	0.1	0.2	0.0	151.9	124.0	100.3
159.9	13.4	224.4	52.3	697.9	150.1	1090.3	602.7	50.2	2.7	73.3	47.8	109.0	10788.4
45.6	46.8	263.4	22.9	1255.2	757.6	568.8	9.3	278.7	97.3	110.3	357.7	654.1	4863.2
32.6	200.2	312.1	118.0	4325.7	1091.6	648.3	2687.4	1004.9	17.1	75.8	974.4	1764.2	30598.0
1.6	94.7	502.9	148.5	2314.4	910.1	697.1	2487.1	572.6	111.8	71.0	506.8	910.9	10659.3
10.6	87.1	535.3	531.8	2616.6	884.8	845.5	946.9	1778.7	2.1	215.2	435.5	692.1	9921.6
1.1	7.7	64.6	59.2	101.9	156.9	53.4	1.6	110.6	0.0	4.9	62.7	210.2	2716.6
235.5	0.6	0.0	0.0	107.3	45.1	34.8	1.1	0.1	0.0	0.0	286.6	253.2	458.1
0.1	0.1	0.3	3.2	3.9	35.9	52.1	1.3	0.2	0.0	0.1	76.6	19.5	320.4
0.0	0.5	0.2	2.6	71.7	55.6	0.3	133.4	0.5	0.0	0.0	0.1	0.0	200.2
0.3	0.2	0.0	16.8	369.5	63.4	116.5	53.9	259.3	13.5	0.2	182.4	301.7	945.7
3.1	2.6	15.2	0.0	72.2	57.9	6.7	3.5	4.4	7.3	0.4	11.1	54.2	999.6
4.0	72.1	372.1	74.1	2.9	526.7	322.6	950.3	270.4	27.0	4.9	420.4	907.6	7000.7
35.8	55.3	63.5	57.9	520.9	690.6	228.8	81.6	411.9	59.1	23.3	197.4	371.5	1733.4
52.2	0.4	115.2	6.6	321.9	225.0	862.3	70.6	48.4	9.0	1.1	171.3	550.4	3609.5
1.3	146.0	45.6	3.4	953.0	82.2	73.0	3003.8	28.5	0.1	3.6	149.8	137.0	4969.4
0.2	0.1	180.7	3.5	267.5	371.7	52.5	26.1	24.6	4.6	2.5	35.4	0.1	527.3
0.0	0.0	12.3	7.2	26.5	59.0	9.0	0.1	3.9	0.1	0.1	20.4	7.9	139.3
0.0	0.1	0.1	0.4	4.6	23.7	0.4	3.3	3.0	0.0	105.8	0.6	41.3	533.1
76.6	0.2	180.1	11.4	417.0	196.5	171.1	146.8	32.4	20.3	0.7	2400.6	1105.8	937.4
19.3	0.1	307.5	54.6	846.9	372.0	554.0	137.4	0.4	7.8	41.6	1111.0	5965.5	2071.1
318.5	203.2	960.8	1023.0	6970.2	1745.2	4228.3	4937.9	552.8	139.1	563.0	944.8	2073.6	22912.9

Air

MAJOR REGULAR EUROPEAN AIRLINES

DOMESTIC + INTERNATIONAL

RANKING	THOUSAND MILLION REVENUE PASSENGER-KILOMETRES						%
	AIRLINE AND COUNTRY	2000	2005	2007	2008	2009	
1	Air France (1) FR	91.848	115.879	128.754	131.657	126.272	-4.1
2	Deutsche Lufthansa DE	94.289	112.794	122.091	126.267	123.083	-2.5
3	British Airways UK	119.385	110.939	118.348	115.734	111.991	-3.2
4	KLM Royal Dutch Airlines (1) NL	60.331	68.322	74.496	77.530	73.472	-5.2
5	Ryanair (2) IE	3.386	24.008	43.362	55.446	63.090	13.8
6	Easyjet (3) UK	4.730	27.448	36.976	47.690	50.566	6.0
7	Iberia ES	40.043	48.917	54.198	52.846	49.566	-6.2
8	Virgin Atlantic Airways UK	29.471	32.118	40.546	41.174	39.272	-4.6
9	Air Berlin DE	7.813	20.530	46.070	44.310	39.160	-11.6
10	THY Turkish Airlines TR	17.396	20.452	28.827	31.953	39.056	22.2
11	Alitalia (4) IT	40.846	37.236	38.079	29.205	28.418	-2.7
12	SWISS Intern. Airlines CH	3.481	20.471	25.106	28.140	27.510	-2.2
13	SAS Scandinavian Airlines DK/NO/SE	22.922	27.724	27.304	27.890	23.241	-16.7
14	TAP Portugal PT	10.414	14.536	19.135	21.908	21.075	-3.8
15	Aer Lingus IE	8.900	13.100	14.807	16.277	15.819	-2.8
16	Finnair FI	7.467	11.174	15.563	16.708	15.561	-6.9
17	Austrian Airlines AT	8.799	18.835	17.427	16.458	14.774	-10.2
18	Spanair ES	9.709	10.860	9.367	8.794	9.886	12.4
19	bmi British Midland Airways UK	4.484	5.558	9.724	10.325	8.573	-17.0
20	SN Brussels Airlines BE	2.347	4.559	7.555	7.365	6.852	-7.0
21	LOT Polish Airlines PL	5.714	6.223	7.288	6.711	6.087	-9.3
22	CSA Czech Airlines CZ	3.623	6.390	6.051	5.952	5.805	-2.5
23	Olympic Airlines EL	8.884	7.340	7.231	6.610	4.297	-35.0
24	Malev Hungarian Airlines HU	3.556	3.732	4.165	4.062	3.528	-13.2
25	Icelandair IS	4.113	4.307	4.354	3.829	3.353	-12.4
26	Cyprus Airways CY	2.787	3.187	3.383	3.380	3.056	-9.6
27	Air Malta MT	2.923	2.250	2.230	2.305	2.204	-4.4
28	TAROM Romanian Air Transport RO	2.160	1.448	2.063	2.158	1.939	-10.2
29	Croatia Airlines HR	0.644	0.974	1.084	1.217	1.151	-5.4
30	JAT airways SB		0.959	1.144	1.147	0.960	-16.3
31	Adria Airways SI	0.866	0.707	0.863	1.003	0.872	-13.0
32	Luxair LU	0.997	0.565	0.466	0.495	0.483	-2.5

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.

(4) Air One merged with Alitalia end 2008.

Air

PASSENGER TRAFFIC AT MAJOR EU AIRPORTS

PASSENGERS CARRIED (*)

			(arriving + departing + in transit)	MILLION PASSENGERS					%
RANKING	AIRPORT AND COUNTRY		2000	2005	2007	2008	2009	CHANGE '08/'09	
1	London / Heathrow	UK	64.29	67.68	67.85	66.91	65.90	-1.5	
2	Paris / Charles de Gaulle	FR	49.67	53.38	59.55	60.50	57.69	-4.6	
3	Frankfurt (Main)	DE	48.96	51.79	53.86	53.19	50.57	-4.9	
4	Madrid / Barajas	ES	32.71	41.72	51.21	50.37	47.94	-4.8	
5	Amsterdam / Schiphol	NL	39.27	44.08	47.76	47.40	43.53	-8.2	
6	Roma / Fiumicino	IT	25.94	27.78	32.40	34.81	33.42	-4.0	
7	München	DE	22.87	28.45	33.82	34.40	32.56	-5.4	
8	London / Gatwick	UK	31.95	32.69	35.17	34.16	32.36	-5.3	
9	Barcelona	ES	19.44	27.02	32.74	30.36	27.29	-10.1	
10	Paris / Orly	FR	23.83	24.85	26.42	26.19	25.09	-4.2	
11	Palma de Mallorca	ES	19.25	21.22	23.17	22.81	21.17	-7.2	
12	Dublin	IE	13.66	18.33	23.20	23.38	20.47	-12.4	
13	London / Stansted	UK	11.86	21.99	23.76	22.34	19.95	-10.7	
14	København / Kastrup	DK	18.11	19.82	21.29	21.69	19.60	-9.6	
15	Manchester	UK	18.32	22.08	21.89	21.06	18.63	-11.5	
16	Wien / Schwechat	AT	11.91	15.80	18.72	19.69	18.05	-8.3	
17	Düsseldorf	DE	15.91	15.39	17.78	18.10	17.73	-2.1	
18	Milano / Malpensa	IT	20.55	19.49	23.63	19.01	17.35	-8.8	
19	Brussel-Bruxelles / Brussels	BE	21.60	15.95	17.74	18.37	16.79	-8.6	
20	Athinaï / Eleftherios Venizelos	EL	13.35	14.27	16.53	16.36	16.14	-1.4	
21	Stockholm / Arlanda	SE	18.61	17.16	17.90	18.13	16.06	-11.4	
22	Berlin / Tegel	DE	10.24	11.47	13.33	14.45	14.13	-2.2	
23	Lisboa	PT	9.21	11.24	13.39	13.60	13.27	-2.5	
24	Helsinki / Vantaa	FI	10.00	11.13	13.15	13.43	12.60	-6.2	
25	Hamburg	DE	9.82	10.57	12.69	12.78	12.18	-4.7	
26	Praha / Ruzyne	CZ	5.55	10.72	12.36	12.59	11.60	-7.8	
27	Malaga	ES	9.36	12.61	13.57	12.75	11.60	-9.0	
28	Nice / Côte d'Azur	FR	9.33	9.74	10.38	10.36	9.81	-5.3	
29	Köln-Bonn	DE	6.19	9.39	10.40	10.30	9.70	-5.8	
30	London / Luton	UK	6.16	9.13	9.92	10.17	9.12	-10.4	
31	Alicante	ES	5.98	8.93	9.09	9.56	9.11	-4.7	
32	Birmingham	UK	7.49	9.31	9.13	9.58	9.09	-5.1	
33	Edinburgh	UK	5.37	8.45	9.04	8.99	9.04	+0.6	
34	Las Palmas / Gran Canaria	ES	9.12	9.69	10.04	9.98	8.93	-10.5	
35	Stuttgart	DE	7.98	9.25	10.27	9.88	8.88	-10.1	
36	Warszawa / Okecie	PL	4.33	7.08	9.23	9.48	8.33	-12.1	
37	Milano / Linate	IT	6.02	9.09	9.91	9.26	8.29	-10.5	
38	Budapest / Ferihegy	HU	4.68	7.92	8.58	8.43	8.08	-4.1	
39	Lyon / Saint-Exupéry	FR	5.92	6.46	7.19	7.80	7.57	-2.9	
40	Glasgow	UK	6.81	8.78	8.73	8.14	7.21	-11.3	

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

RANKING	(arriving + departing from first named airport)	THOUSAND				%
	AIRPORT PAIRS	2005	2007	2008	2009	CHANGE '08/'09
1	Barcelona - Madrid / Barajas	4 301.0	4 627.4	3 497.7	2 942.4	-15.9
2	Toulouse / Blagnac - Paris / Orly	2 327.1	2 327.1	2 325.3	2 304.8	-0.9
3	Nice / Côte d'Azur - Paris / Orly	2 262.9	2 311.9	2 280.5	2 139.4	-6.2
4	Madrid / Barajas - Palma de Mallorca	1 640.0	1 758.0	1 707.7	1 764.3	3.3
5	Milano / Linate - Roma / Fiumicino	2 414.6	2 510.1	2 476.2	1 720.6	-30.5
6	Catania / Fontanarossa - Roma / Fiumicino	1 368.7	1 534.2	1 668.7	1 635.7	-2.0
7	Hamburg - München	1 450.5	1 756.9	1 704.8	1 628.4	-4.5
8	London / Heathrow - Dublin	2 089.4	1 974.4	1 811.5	1 620.0	-10.6
9	Frankfurt (Main) - Berlin / Tegel	1 545.6	1 647.9	1 600.8	1 552.0	-3.0
10	Las Palmas / Gran Canaria - Madrid / Barajas	1 388.1	1 541.3	1 596.7	1 548.5	-3.0
11	München - Berlin / Tegel	1 419.2	1 509.9	1 550.8	1 518.6	-2.1
12	Barcelona - Palma De Mallorca	1 684.0	1 784.9	1 585.9	1 513.6	-4.6
13	London / Heathrow - Amsterdam / Schiphol	1 895.0	1 799.1	1 709.4	1 509.8	-11.7
14	Düsseldorf - München	1 381.5	1 528.9	1 562.5	1 480.5	-5.2
15	Palermo / Punta Raisi - Roma / Fiumicino	1 106.7	1 226.6	1 255.4	1 372.3	9.3
16	Tenerife Norte - Madrid / Barajas	1 359.4	1 191.0	1 333.5	1 342.6	0.7
17	London / Heathrow - Paris / Charles de Gaulle	2 011.1	1 790.0	1 489.5	1 338.7	-10.1
18	Paris / Charles de Gaulle - Roma / Fiumicino	1 238.4	1 336.6	1 439.6	1 322.1	-8.2
19	London / Heathrow - Edinburgh	1 659.9	1 436.5	1 318.9	1 306.1	-1.0
20	Frankfurt (Main) - Hamburg	1 288.3	1 297.4	1 254.2	1 202.7	-4.1
21	Athinai / Eleftherios Venizelos - Thessaloniki	1 046.0	1 149.6	1 122.3	1 200.6	7.0
22	Frankfurt (Main) - London / Heathrow	1 522.5	1 441.9	1 264.1	1 194.8	-5.5
23	Köln-Bonn - München	1 165.3	1 235.0	1 224.4	1 161.9	-5.1
24	Madrid / Barajas - Roma / Fiumicino	929.7	1 233.1	1 179.6	1 138.7	-3.5
25	Madrid / Barajas - Paris / Orly	964.3	1 078.9	1 101.0	1 136.5	3.2
26	London / Heathrow - Madrid / Barajas	1 118.9	1 180.3	1 151.9	1 127.2	-2.1
27	London / Gatwick - Malaga	982.6	966.5	1 081.3	1 116.4	3.2
28	Köln-Bonn - Berlin / Tegel	916.6	1 142.9	1 148.7	1 114.3	-3.0
29	Amsterdam / Schiphol - Barcelona	1 103.9	1 271.7	1 230.0	1 085.2	-11.8
30	London / Heathrow - Glasgow	1 427.3	1 207.0	1 143.3	1 079.8	-5.6
31	København / Kastrup - Stockholm / Arlanda	1 194.1	1 185.3	1 202.9	1 076.4	-10.5
32	Madrid / Barajas - Lisboa	688.1	950.9	994.2	1 066.6	7.3
33	London / Gatwick - Dublin	626.2	882.5	1 076.2	1 058.0	-1.7
34	Amsterdam / Schiphol - Paris / Charles de Gaulle	1 038.7	1 144.8	1 103.1	1 054.8	-4.4
35	Barcelona - Paris / Charles de Gaulle	876.3	1 095.8	1 154.9	1 053.9	-8.7
36	Marseille / Provence - Paris / Orly	1 344.0	1 230.6	1 145.3	1 037.0	-9.5
37	Madrid / Barajas - Valencia	829.8	1 061.8	997.2	1 026.2	2.9
38	Paris / Charles de Gaulle - Milano / Malpensa	0.0	0.0	855.1	993.4	16.2
39	Paris / Orly - Ponte-à-Pitre (Guadeloupe) / Pôle Caraïbes	983.3	1 093.0	1 097.0	990.7	-9.7
40	Frankfurt (Main) - München	1 303.1	1 217.8	1 130.8	978.0	-13.5

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

TOTAL PASSENGERS CARRIED

(arriving + departing from
first named airport)

THOUSAND

RANKING	AIRPORT PAIRS				
		2005	2007	2008	2009
1	London / Heathrow - New York / J.F. Kennedy Intl, NY, USA	2 940	2 839	2 803	2 479
2	London / Heathrow - Dubai Intl, United Arab Emirates	1 183	1 571	1 652	1 745
3	London / Heathrow - Hong Kong Intl, China	1 258	1 453	1 494	1 529
4	London / Heathrow - Los Angeles Intl, CA, USA	1 383	1 406	1 461	1 236
5	London / Heathrow - Chicago / O'Hare Intl, IL, USA	1 522	1 605	1 460	1 218
6	Paris / Charles de Gaulle - New York / J.F. Kennedy Intl, NY, USA	1 730	1 729	1 214	1 184
7	London / Heathrow - Singapore / Changi, Singapore	996	1 075	1 066	1 124
8	København / Kastrup - Oslo / Gardermoen, Norway	1 247	1 332	1 302	1 107
9	Paris / Charles de Gaulle - Montreal / Pierre Elliot Trudeau Intl, Canada	929	1 057	1 105	1 102
10	London / Heathrow - Toronto / Lester B. Pearson Intl, Canada	1 067	1 024	993	1 014
11	London / Heathrow - Washington / Dulles Intl, DC, USA	1 074	1 055	1 041	1 009
12	London / Heathrow - Newark / Liberty Intl, NJ, USA	740	710	883	1 003
13	Stockholm / Arlanda - Oslo / Gardermoen, Norway	937	1 057	1 047	967
14	London / Heathrow - Johannesburg Intl, South Africa	995	1 003	944	921
15	London / Heathrow - San Francisco Intl, CA, USA	1 005	1 032	986	893
16	London / Heathrow - Zürich, Switzerland	905	909	870	888
17	Madrid / Barajas - Buenos Aires / Ezeiza Ministro Pistarini, Argentina	873	992	919	871
18	London / Heathrow - Mumbai / Chhatrapati Shivaji Intl, India	725	1 006	840	862
19	London / Heathrow - Boston / Gen. E. Lawrence Logan Intl, MA, USA	929	889	843	851
20	London / Heathrow - Miami Intl, FL, USA	878	834	830	846
21	Paris / Charles de Gaulle - Tokio Intl, Japan	-	-	919	844
22	Frankfurt (Main) - Chicago / O'Hare Intl, IL, USA	827	858	830	800
23	London / Heathrow - New Delhi / Indira Gandhi Intl, India	384	665	716	756
24	London / Heathrow - Narita Intl, Japan	992	886	831	754
25	Wien / Schwechat - Zürich, Switzerland	597	692	717	747
26	London / Heathrow - Sydney / Kingsford Smith Intl, Australia	823	824	832	741
27	Berlin / Tegel - Zürich, Switzerland	467	641	730	737
28	London / Gatwick - Orlando Intl, FL, USA	739	687	743	736
29	Paris / Charles de Gaulle - Zürich, Switzerland	630	684	703	721
30	London / Heathrow - Tel Aviv / Ben Gurion, Israel	544	545	628	712
31	Paris / Charles de Gaulle - Istanbul / Atatürk, Turkey	415	366	619	692
32	Paris / Charles de Gaulle - Genève / Cointrin, Switzerland	695	710	711	687
33	Frankfurt (Main) - Washington / Dulles Intl, DC, USA	709	795	738	686
34	Paris / Charles de Gaulle - Tel Aviv / Ben Gurion, Israel	608	711	735	672
35	Amsterdam / Schiphol - Detroit / Metropolitan Wayne County, MI, USA	776	739	792	667
36	Düsseldorf - Zürich, Switzerland	444	569	661	666
37	Paris / Charles de Gaulle - Dubai Intl, United Arab Emirates	439	609	649	656
38	London / Heathrow - Istanbul / Atatürk, Turkey	525	588	605	653
39	London / Gatwick - Genève / Cointrin, Switzerland	643	687	702	648
40	Frankfurt (Main) - Istanbul / Atatürk, Turkey	661	686	675	645

Air

FREIGHT TRAFFIC AT MAJOR EU AIRPORTS

CARGO AND MAIL LOADED AND UNLOADED

RANKING	THOUSAND TONNES						%
	AIRPORT AND COUNTRY	2000	2005	2007	2008	2009	CHANGE '08/'09
1	Frankfurt (Main) DE	1703.4	1950.6	2162.2	2104.3	1882.7	-10.5
2	London / Heathrow UK	1306.8	1389.3	1393.2	1482.7	1348.9	-9.0
3	Amsterdam / Schiphol NL	1222.5	1495.6	1651.0	1592.5	1316.8	-17.3
4	Paris / Charles de Gaulle FR	<i>1067.0</i>	1217.8	1434.8	1392.1	1202.3	-13.6
5	Luxembourg LU	499.9	624.8	702.8	788.2	627.3	-20.4
6	Köln-Bonn DE	438.3	646.8	709.3	574.1	549.0	-4.4
7	Leipzig-Halle DE	13.7	12.3	86.1	430.2	508.8	+18.3
8	Liège / Bierset BE	270.3	325.7	363.7	381.6	401.8	+5.3
9	Brussel-Bruxelles / Brussels BE	687.4	694.5	734.2	614.4	364.4	-40.7
10	Milano / Malpensa IT	295.7	383.8	482.6	414.1	343.6	-17.0
11	Madrid / Barajas ES	305.2	360.3	341.6	355.0	330.2	-7.0
12	Nottingham East Midlands UK	178.8	292.1	318.4	292.4	286.6	-2.0
13	München DE	148.4	218.2	265.3	264.9	234.3	-11.5
14	London / Stansted UK	167.8	254.8	225.3	230.1	213.4	-7.2
15	Wien / Schwechat AT	65.9	180.0	204.9	201.3	198.3	-1.5
16	København / Kastrup DK	<i>419.4</i>	<i>355.1</i>	<i>395.5</i>	246.8	152.0	-38.4
17	Roma / Fiumicino IT	<i>153.3</i>	131.9	153.9	153.0	139.0	-9.1
18	Helsinki / Vantaa FI	96.1	114.9	141.3	141.5	121.9	-13.9
19	Frankfurt / Hahn DE	75.0	100.9	111.7	122.1	105.1	-14.0
20	Manchester UK	116.6	150.0	166.1	142.6	103.0	-27.8
21	Bergamo / Orio al Serio IT	98.9	135.1	133.8	122.1	99.6	-18.5
22	Dublin IE	35.5	64.1	111.3	107.5	97.3	-9.4
23	Lisboa PT	114.6	100.0	94.5	101.1	95.5	-5.5
24	Barcelona ES	88.1	94.5	92.1	108.5	92.3	-14.9
25	Athina / Eleftherios Venizelos EL	123.4	100.7	98.0	102.5	86.8	-15.3
26	Stockholm / Arlanda SE	<i>154.0</i>	<i>158.0</i>	<i>191.8</i>	121.4	84.2	-30.7
27	London / Gatwick UK	318.8	232.1	176.6	112.4	79.2	-29.5
28	Oostende BE	93.5	<i>108.3</i>	104.8	74.8	69.8	-6.7
29	Düsseldorf DE	59.4	56.5	57.7	70.2	65.1	-7.2
30	Paris / Orly FR	<i>107.3</i>	80.0	76.7	72.1	63.4	-12.1
31	Marseille / Provence FR	36.0	51.0	51.4	54.0	57.9	+7.2
32	Toulouse / Blagnac FR	37.8	56.2	55.1	54.6	54.9	+0.5
33	Budapest / Ferihegy HU	43.5	55.5	67.6	62.5	54.1	-13.4
34	Maastricht-Aachen NL	44.3	54.6	57.8	55.4	53.4	-3.7
35	Edinburgh UK	18.2	54.3	46.0	49.1	52.0	+5.9
36	Warszawa / Okęcie PL	<i>44.6</i>	31.1	41.3	54.6	50.1	-8.3
37	Göteborg / Landvetter SE			<i>60.2</i>	51.0	44.6	-12.6
38	Belfast UK	30.9	51.3	49.9	48.1	43.0	-10.6
39	Praha / Ruzyne CZ		51.6	54.9	47.8	42.5	-11.2
40	Larnaka CY	33.3	37.9	40.5	41.6	38.2	-8.1

Notes: Significant underreporting of Paris airports. Data from airport websites (*in italics*) often include air cargo which in reality is transported by lorry. The figures from airport websites are therefore not always fully comparable with those collected by Eurostat.

Air: MOVEMENTS OF AIRCRAFT AT MAJOR EU AIRPORTS

(TAKE-OFF + LANDING, PASSENGER AND CARGO)

RANKING	(not including general aviation)		THOUSAND					%
	AIRPORT AND COUNTRY		2005	2006	2007	2008	2009	CHANGE '08/'09
1	Paris / Charles de Gaulle	FR	543.4	559.7	568.6	574.8	541.4	-5.8
2	London / Heathrow	UK	472.0	470.9	475.8	473.2	460.1	-2.8
3	Frankfurt (Main)	DE	475.6	480.5	481.8	477.4	455.1	-4.7
4	Madrid / Barajas	ES	406.3	422.2	470.3	459.6	427.2	-7.1
5	Amsterdam / Schiphol	NL	408.2	429.5	440.8	435.9	396.1	-9.1
6	München	DE	382.3	387.8	406.2	409.0	377.2	-7.8
7	Roma / Fiumicino	IT	299.6	308.6	332.4	340.8	321.3	-5.7
8	Barcelona	ES	294.3	312.4	338.5	312.3	269.5	-13.7
9	London / Gatwick	UK	252.0	254.4	256.6	256.4	245.4	-4.3
10	Wien / Schwechat	AT	227.0	233.5	249.4	262.6	239.8	-8.7
11	København / Kastrup	DK	262.1	251.4	245.0	256.4	230.9	-9.9
12	Paris / Orly	FR	230.8	234.9	238.4	234.0	223.4	-4.5
13	Brussel-Bruxelles / Brussels	BE	228.7	231.7	238.6	233.7	211.8	-9.4
14	Düsseldorf	DE	189.0	208.1	222.3	224.4	210.0	-6.4
15	Athina / Eleftherios Venizelos	EL	170.3	179.9	193.0	195.0	205.5	+5.4
16	Stockholm / Arlanda	SE	222.2	214.5	202.0	213.7	186.5	-12.7
17	Milano / Malpensa	IT	222.2	241.5	257.2	208.2	180.5	-13.3
18	Dublin	IE	169.6	183.4	198.2	202.4	169.9	-16.1
19	Palma De Mallorca	ES	170.5	175.6	184.5	182.2	168.3	-7.7
20	Helsinki / Vantaa	FI	163.1	171.1	169.5	172.9	167.7	-3.0
21	Manchester	UK	218.0	213.0	206.4	191.2	162.1	-15.2
22	London / Stansted	UK	178.0	190.0	190.1	177.3	156.0	-12.0
23	Praha / Ruzyne	CZ	150.2	155.5	164.1	168.8	155.3	-8.0
24	Nice / Côte d'Azur	FR	158.1	165.4	173.6	166.6	149.8	-10.1
25	Berlin / Tegel	DE	137.2	134.2	143.4	154.3	147.7	-4.3
26	Hamburg	DE	134.2	145.9	150.3	150.7	137.8	-8.5
27	Lisboa	PT	125.9	131.9	141.9	138.9	131.6	-5.3
28	Warszawa / Okęcie	PL	131.0	142.9	145.6	145.9	130.5	-10.5
29	Lyon / Saint Exupéry	FR	130.1	130.8	132.1	133.7	125.5	-6.1
30	București / Henri Coandă	RO	90.2	102.0	118.1	124.4	124.8	+0.3
31	Köln-Bonn	DE	139.9	138.5	138.3	128.2	120.1	-6.3
32	Stuttgart	DE	135.0	138.5	139.7	134.9	117.1	-13.2
33	Edinburgh	UK	116.0	115.8	115.2	113.5	106.4	-6.2
34	Budapest / Ferihegy	HU	116.5	117.2	114.6	110.0	103.5	-5.9
35	Marseille / Provence	FR	90.3	92.1	98.5	97.9	97.9	-0.0
36	Malaga	ES	111.1	113.1	115.3	108.0	94.7	-12.3
37	Aberdeen	UK	89.5	97.9	102.8	100.2	94.4	-5.8
38	Birmingham	UK	113.0	108.7	104.5	102.8	93.9	-8.7
39	Milano / Linate	IT	93.1	97.8	99.1	95.6	92.9	-2.8
40	Las Palmas / Gran Canaria	ES	98.4	100.5	99.3	104.0	91.7	-11.8

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		
	2007	2008	2009	2007	2008	2009	2007	2008	2009
EU-27		203 445	198 050						
EU-15	193 749	193 051	187 955						
EU-12		10 394	10 095						
BE	378	333	276	75	63	94			
BG	5	4	0	0		0	19	21	21
CZ									
DK	24 057	23 172	21 604	144	157	209	258	294	309
DE	14 766	14 113	14 296	264	372	454			
EE	4 323	4 585	4 556				294	378	417
IE	1 578	1 492	1 439	104	146	2	37		106
EL	45 987	45 255	43 907	263	334	303			
ES	10 669	10 265	9 706	907	1 027	1 088	2 910	3 370	3 597
FR	13 306	13 323	12 413	231	156	172	1 246	1 064	1 398
IT	42 285	44 761	45 315	1 189	882	2 130	3 181	1 870	1 444
CY	1	1	1	86	73	48	253	227	225
LV	179	213	290				65	51	67
LT	104	103	99				37	32	34
LU									
HU									
MT	3 893	4 148	3 886	9	14	14	472	528	414
NL	945	977	887						
AT									
PL	1 218	1 325	1 238	0	0	0			
PT	368	382	416						
RO				0	0	0	12	38	13
SI		15	25		11	4			21
SK									
FI	8 244	8 497	8 624	7	20	21	255	344	344
SE	16 572	16 529	15 696	9	22	52	402	430	497
UK	14 594	13 953	13 377	562	705	691			
HR	12 265	12 983	13 019	33	11		872	1 122	1 142
IS									
NO	2 938	2 820	2 680	91	62		569	770	877

Sea: INWARD AND OUTWARD FLOW OF PASSENGERS BY COUNTRY

OUTWARDS

1 000	PASSENGERS			CRUISE PASSENGERS		
	excluding cruise passengers			starting and ending a cruise		
	2007	2008	2009	2007	2008	2009
EU-27		201 678	194 908			
EU-15	193 395	191 443	184 765			
EU-12		10 235	10 143			
BE	381	339	290	76	64	91
BG	5	4	0			
CZ						
DK	24 063	23 170	21 548	145	158	199
DE	14 951	14 111	14 417	219	349	407
EE	4 342	4 605	4 584			
IE	1 542	1 470	1 436			1
EL	45 908	45 186	43 832	265	326	308
ES	10 654	10 173	9 642	903	1 014	1 022
FR	13 280	13 187	12 321	231	147	160
IT	42 317	43 643	42 642	1 179	871	2 248
CY		1		87	74	48
LV	183	223	302			
LT	108	109	106			
LU						
HU						
MT	3 891	3 955	3 885	9	14	14
NL	925	982	854			
AT						
PL	1 238	1 322	1 243	0	0	0
PT	367	380	417			
RO				0	0	0
SI		16	24		7	4
SK						
FI	8 192	8 438	8 559	7	20	22
SE	16 075	16 176	15 304	6	17	14
UK	14 739	14 188	13 502	569	709	710
HR	12 272	13 037	13 001	41	12	10
IS						
NO	3 334	3 313	2 953	84	13	19

Sea

PASSENGER TRAFFIC AT MAJOR EU SEAPORTS

PASSENGERS EMBARKED AND DISEMBARKED

RANKING	THOUSAND							%
	PORT AND COUNTRY		2000	2005	2007	2008	2009	CHANGE '08/'09
1	Dover	UK	16 197	13 501	14 433	14 006	13 265	-5.3
2	Paloukia Salaminas	EL		11 663	13 066	13 063	12 821	-1.9
	Perama	EL		11 663	13 066	13 063	12 821	-1.9
4	Reggio di Calabria	IT	11 839	9 645	10 336	10 116	11 047	9.2
5	Piraeus	EL	7 289	11 076	11 063	11 079	10 444	-5.7
6	Messina	IT	11 898	9 802	10 603	10 380	10 441	0.6
7	Calais	FR	15 066	11 695	11 519	11 002	10 158	-7.7
8	Helsingør	DK	13 322	11 023	10 966	10 912	9 415	-13.7
9	Helsingborg	SE	13 525	11 102	10 966	10 911	9 415	-13.7
10	Stockholm	SE	7 746	8 211	8 127	8 677	9 089	4.7
11	Helsinki	FI	9 251	8 854	8 561	8 976	9 085	1.2
12	Capri	IT	5 404	3 860	5 421	7 169	6 944	-3.1
13	Napoli	IT	6 748	6 084	6 598	6 185	6 932	12.1
14	Tallinn	EE		6 701	6 220	6 870	6 841	-0.4
15	Puttgarden	DE	5 430	6 760	7 069	6 768	6 305	-6.8
16	Rødby (Færgehavn)	DK	5 430	6 761	7 058	6 756	6 305	-6.7
17	Piombino	IT	3 161	3 277	3 982	5 036	4 987	-1.0
18	Palma Mallorca	ES	1 864	4 611	5 275	5 048	4 692	-7.1
19	Algeciras	ES		4 828	5 227	4 988	4 608	-7.6
20	Portoferraio	IT	2 641	2 829	3 155	3 927	3 971	1.1
21	Santa Cruz de Tenerife	ES	4 927	4 564	4 592	4 191	3 887	-7.3
22	Cirkewwa	MT		3 463	3 795	3 942	3 792	-3.8
	Mgarr, Gozo	MT		3 463	3 795	3 942	3 792	-3.8
24	Olbia	IT	2 359	3 253	3 487	3 567	3 785	6.1
25	Turku	FI	3 514	3 697	3 480	3 488	3 520	0.9
26	Genova	IT	2 444	2 406	2 639	2 510	3 454	37.6
27	Mariehamn	FI	1 885	3 192	3 125	3 306	3 394	2.7
28	Livorno	IT	1 886	2 103	2 789	3 251	3 273	0.7
29	Civitavecchia	IT	2 241	2 099	2 285	2 677	2 837	6.0
30	Igoumenitsa	EL	933	2 338	2 683	2 631	2 741	4.2
31	Bastia	FR	1 916	2 028	2 200	2 312	2 495	7.9
32	Rostock	DE	1 767	2 417	2 585	2 713	2 431	-10.4
33	Dunkerque	FR	96	813	1 939	2 203	2 422	9.9
34	Barcelona	ES	1 424	2 208	2 090	2 314	2 405	3.9
35	Norddeich	DE	2 253	2 257	2 312	2 267	2 394	5.6
36	Palau	IT	2 106	1 843	2 907	2 364	2 366	0.1
37	Porto d'Ischia	IT	3 686	3 169	2 812	2 342	2 364	0.9
38	Portsmouth	UK	3 270	2 679	2 127	2 132	2 187	2.6
39	Ceuta	ES	2 498	2 135	2 567	2 422	2 126	-12.2
40	Frederikshavn	DK	3 726	3 004	2 894	2 258	2 102	-6.9

Notes: *: Bridge opened in 2004.

Sea

FREIGHT TRAFFIC AT MAJOR EU SEAPORTS

TONNES LOADED AND UNLOADED

RANKING	MILLION							%
	PORT AND COUNTRY		2000	2005	2007	2008	2009	CHANGE '08/'09
1	Rotterdam	NL	302.545	345.819	374.152	384.210	346.668	-9.8
2	Antwerpen	BE	116.003	145.835	165.512	171.237	142.116	-17.0
3	Hamburg	DE	76.950	108.253	118.190	118.915	94.762	-20.3
4	Marseille	FR	91.279	93.308	92.561	92.523	79.846	-13.7
5	Amsterdam	NL	42.044	47.133	62.516	74.366	73.492	-1.2
6	Le Havre	FR	63.885	70.801	73.897	75.636	69.228	-8.5
7	Algeciras	ES		55.184	62.128	61.869	55.840	-9.7
8	Grimsby & Immingham	UK	52.501	60.686	66.279	65.267	54.708	-16.2
9	Valencia	ES	21.958	34.990	45.935	50.182	48.343	-3.7
10	London	UK	47.892	53.843	52.739	52.965	45.442	-14.2
11	Genova	IT	43.797	42.640	48.358	46.469	42.708	-8.1
12	Bremerhaven	DE	24.835	33.728	43.618	48.956	42.701	-12.8
13	Trieste	IT	44.015	43.355	39.833	37.195	40.986	10.2
14	Milford Haven	UK	33.768	37.547	35.496	35.875	39.293	9.5
15	Tees & Hartlepool	UK	51.472	55.790	49.779	45.436	39.163	-13.8
16	Göteborg	SE	33.261	36.479	40.353	42.331	38.934	-8.0
17	Taranto	IT	33.117	47.869	49.240	49.522	38.079	-23.1
18	Dunkerque	FR	44.318	48.503	50.244	50.464	37.922	-24.9
19	Southampton	UK	34.773	39.947	43.815	40.974	37.228	-9.1
20	Forth	UK	41.143	34.218	36.681	39.054	36.690	-6.1
21	Barcelona	ES	25.787	37.061	41.040	41.516	35.911	-13.5
22	Gioia Tauro	IT		29.358	30.473	31.527	34.394	9.1
23	Wilhelmshaven	DE	43.402	45.977	42.643	40.556	34.196	-15.7
24	Zeebrugge	BE	32.660	28.442	34.843	34.768	33.943	-2.4
25	Tarragona	ES	27.175	30.967	35.802	32.835	33.429	1.8
26	Tallinn	EE	0.000	38.816	35.865	28.966	31.384	8.3
27	Bilbao	ES	26.623	32.219	37.313	36.862	30.606	-17.0
28	Liverpool	UK	30.421	33.775	32.258	32.204	29.936	-7.0
29	Nantes Saint-Nazaire	FR	31.263	34.043	33.299	32.918	29.297	-11.0
30	Riga	LV		24.421	25.216	28.567	29.225	2.3
31	Constanța	RO		44.377	44.916	45.750	29.181	-36.2
32	Venezia	IT	26.293	30.547	32.042	29.920	26.640	-11.0
33	Klaipeda	LT		20.019	24.676	27.311	25.955	-5.0
34	Ventspils	LV		29.358	30.473	27.366	25.289	-7.6
35	Dover	UK	17.434	21.145	25.144	24.344	25.087	3.1
36	Felixstowe	UK	29.686	23.144	25.685	24.988	24.267	-2.9
37	Augusta	IT	29.938	33.041	30.238	26.849	24.069	-10.4
38	Sines	PT	19.957	24.929	25.970	24.669	23.857	-3.3
39	Ravenna	IT	22.492	24.253	27.008	30.075	23.848	-20.7
40	Porto Foxi	IT	23.751	22.760	26.744	26.407	23.597	-10.6

Sea

INTRA-EU MARITIME TRANSPORT

(1) RELEVANCE OF INTRA-EU TRANSPORT IN TOTAL MARITIME TRANSPORT BY EU COUNTRY 2009

	INWARDS			OUTWARDS		
	total inwards	of which from EU	share of EU in total	total outwards	of which to EU	share of EU in total
	million tonnes	million tonnes	(%)	million tonnes	million tonnes	(%)
BE	110.692	37.611	34.0 %	91.272	30.750	33.7 %
BG	11.797	0.781	6.6 %	10.095	4.412	43.7 %
DK	45.276	27.836	61.5 %	36.556	31.541	86.3 %
DE	158.868	66.027	41.6 %	100.831	44.335	44.0 %
EE	7.815	5.924	75.8 %	26.626	14.437	54.2 %
IE	28.105	20.896	74.4 %	12.695	11.514	90.7 %
EL	64.582	32.943	51.0 %	46.341	35.712	77.1 %
ES	248.760	76.931	30.9 %	114.776	54.673	47.6 %
FR	211.783	60.286	28.5 %	96.332	57.098	59.3 %
IT	311.803	102.797	33.0 %	149.555	102.461	68.5 %
CY (**)	5.784	1.289	22.3 %	0.987	0.259	26.3 %
LV	4.373	3.160	72.3 %	54.501	41.464	76.1 %
LT	13.739	3.703	26.9 %	20.605	12.182	59.1 %
MT	3.205	2.422	75.6 %	0.164	0.089	54.2 %
NL	331.365	87.590	26.4 %	132.120	56.470	42.7 %
PL	22.927	14.409	62.8 %	22.023	15.965	72.5 %
PT	40.482	14.184	35.0 %	19.479	10.473	53.8 %
RO (**)	15.910	1.742	11.0 %	19.256	7.418	38.5 %
SI	9.140	2.789	30.5 %	4.181	2.223	53.2 %
FI	48.676	30.340	62.3 %	41.861	35.692	85.3 %
SE	76.229	53.353	70.0 %	71.814	59.946	83.5 %
UK	296.552	171.026	57.7 %	193.005	147.412	76.4 %

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.

(**) The share of intra-EU in total maritime transport may be underestimated in this table for CY and RO because a significant share of partner ports are "unknown" and hence cannot be attributed to any geographical area.

Sea

INTRA-EU MARITIME TRANSPORT

(1) RELEVANCE OF INTRA-EU TRANSPORT IN TOTAL MARITIME TRANSPORT BY EU COUNTRY 2009

	TOTAL		
	total goods transported (*)	of which to/from EU	share of EU in total
	million tonnes	million tonnes	(%)
BE	201.658	68.054	33.7 %
BG	21.893	5.192	23.7 %
DK	75.735	53.281	70.4 %
DE	256.966	107.628	41.9 %
EE	34.410	20.330	59.1 %
IE	39.956	31.566	79.0 %
EL	93.008	50.740	54.6 %
ES	340.155	108.222	31.8 %
FR	299.889	109.158	36.4 %
IT	395.406	139.305	35.2 %
CY(**)	6.770	1.548	22.9 %
LV	58.569	44.319	75.7 %
LT	34.344	15.885	46.3 %
MT	3.369	2.511	74.5 %
NL	463.485	144.060	31.1 %
PL	44.631	30.054	67.3 %
PT	56.343	21.039	37.3 %
RO(**)	35.160	9.155	26.0 %
SI	13.322	5.012	37.6 %
FI	85.541	61.035	71.4 %
SE	142.522	107.779	75.6 %
UK	442.159	271.041	61.3 %

(2) MAIN ROUTES IN INTRA-EU MARITIME TRANSPORT 2009

RANKING	country of loading port	country of un-loading port	mio tonnes transported
1	IT	IT	86.173
2	UK	UK	79.643
3	UK	NL	40.187
4	ES	ES	39.471
5	FR	UK	28.991
6	EL	EL	27.217
7	NL	UK	24.937
8	UK	FR	23.517
9	FR	FR	19.564
10	UK	DE	14.389
11	SE	DE	14.029
12	DK	DK	13.203
13	BE	UK	12.671
14	DK	SE	12.495
15	SE	SE	12.434
16	UK	BE	11.635
17	DE	SE	11.243
18	UK	IE	11.153
19	IT	ES	11.017
20	SE	UK	10.363
21	LV	NL	9.888
22	FI	DE	9.760
23	ES	IT	8.776
24	SE	FI	8.736
25	LV	UK	8.443
26	IT	EL	8.042
27	DE	DK	7.806
28	DK	DE	7.592
29	LV	DE	7.574
30	FR	ES	7.418

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		2005	2007	2008	2009	CHANGE '08/'09
1	Rotterdam	NL	9 194.6	10 773.4	10 631.0	9 579.3	-9.9
2	Hamburg	DE	8 084.3	9 913.5	9 767.3	7 030.9	-28.0
3	Antwerp	BE	6 220.9	7 878.9	8 378.9	7 014.3	-16.3
4	Bremerhaven	DE	3 696.1	4 884.0	5 451.4	4 552.0	-16.5
5	Valencia	ES	2 415.2	3 048.9	3 606.3	3 654.4	1.3
6	Felixstowe	GB	2 759.7	3 342.3	3 131.4	3 020.9	-3.5
7	Algeciras	ES	3 183.9	3 419.9	3 297.6	2 953.1	-10.4
8	Gioia Tauro	IT	3 123.2	3 464.2	3 164.8	2 724.7	-13.9
9	Le Havre	FR	2 144.3	2 684.7	2 511.6	2 257.2	-10.1
10	Barcelona	ES	2 071.4	2 605.7	2 564.6	1 846.2	-28.0
11	Zeebrugge	BE	682.3	1 191.0	1 400.8	1 466.9	4.7
12	Southampton	GB	1 384.2	1 905.2	1 616.8	1 384.7	-14.4
13	Genova	IT	1 037.6	1 229.6	1 461.9	1 311.2	-10.3
14	Las Palmas	ES	1 222.4	1 318.7	1 312.3	1 006.1	-23.3
15	Marseille	FR	910.6	1 058.5	901.4	943.2	4.6
16	La Spezia	IT	915.6	1 130.1	1 185.9	840.4	-29.1
17	Göteborg	SE	771.7	840.9	863.9	824.2	-4.6
18	Piraeus	GR	1 401.1	1 383.8	437.3	667.1	52.6
19	London	GB	765.1	857.8	983.5	646.4	-34.3
20	Constanța	RO	867.0	1 444.7	1 405.3	607.5	-56.8
21	Liverpool	GB	613.1	675.7	673.9	588.8	-12.6
22	Dublin	IE	590.2	744.2	676.5	548.5	-18.9
23	Lisboa	PT	512.2	554.8	555.9	500.3	-10.0
24	Leixões	PT	351.8	433.7	450.1	450.1	0.0
25	Bilbao	ES	862.9	956.1	894.4	443.5	-50.4
26	Taranto	IT	445.1	449.2	444.4	436.2	-1.9
27	Livorno	IT	461.4	528.8	216.1	425.6	97.0
28	Medway	GB	702.9	514.5	767.6	422.9	-44.9
29	Århus	DK	397.2	502.0	458.5	384.7	-16.1
30	Gdynia	PL	392.9	611.9	610.9	376.2	-38.4
31	Helsinki	FI	460.2	434.6	424.0	366.6	-13.5
32	Lemesos (Limassol)	CY	320.8	377.0	417.0	353.7	-15.2
33	Kotka	FI	376.5	576.5	627.1	349.2	-44.3
34	Santa Cruz de Tenerife	ES	457.6	486.7	397.8	346.3	-13.0
35	Koper	SI	210.3	306.9	356.9	334.3	-6.3
36	Málaga	ES	247.5	542.4	428.6	289.9	-32.4
37	Thessaloniki	GR	372.5	459.9	242.0	264.0	9.1
38	Sines	PT	51.0	150.0	220.5	253.5	15.0
39	Klaipėda	LT	214.3	321.4	373.3	248.0	-33.6
40	Tarragona	ES	0.0	47.1	47.4	243.5	413.5
41	Cagliari	IT	583.7	461.8	181.6	233.7	28.7
42	Gdansk	PL	63.3	94.7	183.2	232.9	27.1
43	Forth	GB	207.3	256.9	274.4	231.8	-15.5
44	Venezia	IT	196.0	262.6	291.0	229.0	-21.3
45	Ravenna	IT	152.8	184.2	202.7	218.2	7.7
46	Belfast	GB	217.1	264.6	255.0	213.8	-16.2
47	Dunkerque	FR	201.6	194.8	214.3	212.0	-1.1
48	Amsterdam	NL	61.9	408.7	431.8	207.7	-51.9
49	Tallinn	EE	189.4	265.4	269.4	194.1	-27.9
50	Vigo	ES	204.6	244.1	247.9	193.6	-21.9
51	Hull	GB	251.7	303.2	262.3	182.0	-30.6

Combined Transport Traffic

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%
2008	46.0	10.2	8%	14%	78%
2009	38.9	8.4	8%	14%	78%

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%
2008	396.9	-4.5%

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

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

Combined Transport

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

COMPANY	CONSIGNMENTS (*) (thousand)					%
	2000	2005	2007	2008	2009	CHANGE '08/'09
INTERNATIONAL TRAFFIC						
Kombiverkehr, DE	374.835	351.371	402.148	401.443	355.001	-11.6%
Hupac, CH	231.060	291.157	396.641	390.862	333.026	-14.8%
Cemat, IT	149.395	236.824	270.822	259.464	197.129	-24.0%
ICA, AT		123.753	167.946	166.115	135.371	-18.5%
Ökombi, AT	148.769	90.677	113.412	120.835	97.170	-19.6%
T.R.W., BE	57.747	85.889	98.786	82.946	95.393	15.0%
RAlpin, CH		79.248	80.342	85.106	92.464	8.6%
Hupac NV, NL	26.400	57.085	71.567	72.533	57.941	-20.1%
Polzug, PL			88.569	90.329	55.708	-38.3%
Adria Combi, SI	19.229	41.131	64.944	62.463	45.402	-27.3%
Novatrans, FR		37.848	46.538	35.647	32.396	-9.1%
Naviland Cargo, FR		12.804	18.791	35.355	27.928	-21.0%
Alpe Adria, IT		22.170	34.173	32.731	26.715	-18.4%
Combiberia, ES		24.406	29.167	27.244	23.172	-14.9%
Hungarocombi, HU	61.780	37.076	16.831	18.278	13.216	-27.7%
Kombi Dan, DK		7.205	7.940	6.972		
Bohemiakombi, CZ		1.424	5.309	6.302	6.401	1.6%
Crokombi, HR		1.796	2.841	2.723	1.090	-60.0%
NATIONAL TRAFFIC						
Kombiverkehr, DE	163.290	224.989	306.099	306.397	244.003	-20.4%
Ökombi, AT	117.146	46.792	115.776	152.236	176.706	16.1%
Novatrans, FR	176.145	145.909	157.699	154.053	123.372	-19.9%
Naviland Cargo, FR		111.592	82.787	113.850	102.908	-9.6%
Cemat, IT	194.327	187.125	177.228	163.182	91.049	-44.2%
Hupac, CH/DE/IT	16.200	33.610	46.746	54.095	53.583	-0.9%
ICA, AT		19.925	42.816	40.753	36.136	-11.3%
Adria Combi, SI		12.401	29.060	37.525	36.040	-4.0%
T.R.W., BE		5.117	14.586	13.059	12.534	-4.0%
Polzug, PL			13.506	18.081	11.553	-36.1%
Alpe Adria, IT		20.324	21.888	30.701	9.806	-68.1%
Rocombi, RO		11.496	11.280	12.300	2.315	-81.2%

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

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
2008	10.8	3.3	35.1	21.5	70.7
2009	10.2	3.1	27.4	18.3	59.0
AVERAGE ANNUAL CHANGE					
'85/'00	+ 9.7 %	+ 3.3 %	+ 3.9 %	+ 5.4 %	+ 5.0 %
'00/'09	+ 3.3 %	+ 10.1 %	+ 0.3 %	- 4.3 %	- 0.7 %
'08/'09	- 5.6 %	- 6.1 %	- 21.9 %	- 14.9 %	- 16.5 %

Notes: 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
2008	973	302	2 200	1 474	4 949
2009	900	280	1 863	1 253	4 296

Notes: Internal, import, export and transit traffic.

Source: Swiss Department of the Environment, Transport, Energy and Communications (UVEK)

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
2008	10 670	9 484	1 334	21 488

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
2008	47 266	30 847	41 924	120 037

Notes: 2007 not available.

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	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	8.4	35.1
2000	16.8	3.8	8.7	8.6	37.9
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	6.4	40.0
2005	15.6	8.1	10.0	5.2	38.9
2006	16.2	9.0	11.6	4.8	41.6
2007	15.5	9.7	13.3	5.7	44.2
2008	15.5	9.9	14.0	4.6	44.0
2009	11.6	9.2	12.9	2.4	36.1
AVERAGE ANNUAL CHANGE					
'85/'00	+ 2.7 %	+ 2.1 %	+ 4.2 %	+ 0.9 %	+ 2.5 %
'00/'09	- 4.0 %	+ 10.3 %	+ 4.5 %	- 13.2 %	- 0.5 %
'08/'09	- 25.2 %	- 7.1 %	- 7.9 %	- 47.8 %	- 18.0 %

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	1.970
1996		3.995	1.910
1997	2.000	4.795	2.440
1998	1.934	4.442	2.610
1999	1.600	4.241	2.793
2000	1.800	4.583	2.995
2001	1.800	4.188	2.739
2002	1.739	4.161	3.033
2003		4.284	2.841
2004		4.563	3.050
2005		4.503	3.074
2006		4.471	3.366
2007		3.700	
2008		3.128	

Rail

CHANNEL TUNNEL TRAFFIC

UNITED KINGDOM – FRANCE

	SHUTTLE			
	Vehicles			Passengers
	PASSENGER		FREIGHT	(¹)
	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
2008	1 907	55.8	1 254	7.0
2009	1 917	54.5	769	6.9
2010	2 125	56.5	1 089	7.5

	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
2008	9.113	1 239
2009	9.220	1 181
2010	9.529	1 128

Notes: the Channel Tunnel opened in 1994.

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

Source: Eurotunnel, estimates (*in italics*)

Road

LENGTH OF MOTORWAYS

	km (at end of year)					
	1990	1995	2000	2005	2007	2008
EU-27	41 885	47 970	54 719	62 218	65 300	66 700
EU-15	39 616	45 468	51 490	57 995	60 610	61 521
EU-12	2 269	2 502	3 229	4 223	4 690	5 179
BE	1 666	1 666	1 702	1 747	1 763	1 763
BG	273	277	319	331	418	418
CZ	357	414	501	564	657	691
DK	611	796	923	1 032	1 111	1 128
DE	10 854	11 190	11 712	12 363	12 594	12 645
EE	41	65	93	99	96	104
IE	26	70	103	247	269	423
EL	190	421	615	1 047	1 101	1 120
ES	4 976	6 962	9 049	11 432	13 013	13 515
FR	6 824	8 275	9 766	10 798	10 958	11 042
IT	6 193	6 435	6 478	6 542	6 588	6 629
CY	120	167	257	276	257	257
LV	-	-	-	-	-	-
LT	421	394	417	417	309	309
LU	78	123	114	147	147	147
HU	267	335	448	859	1 065	1 274
MT	-	-	-	-	-	-
NL	2 092	2 208	2 265	2 600	2 582	2 637
AT	1 445	1 596	1 633	1 677	1 696	1 696
PL	257	246	358	552	663	765
PT	316	687	1 482	2 341	2 613	2 623
RO	113	113	113	228	281	281
SI	228	293	427	569	579	696
SK	192	198	296	328	365	384
FI	225	394	549	693	700	739
SE	939	1 262	1 499	1 700	1 806	1 855
UK	3 181	3 383	3 600	3 629	3 669	3 559
HR	291		411	792	959	1 043
MK	83			216	221	237
TR	281		1 773	1 775	1 987	2 010
IS	-	-	-	11	11	11
NO	73	107	144	264	239	253
CH	1 148	1 197	1 270	1 358	1 383	1 383

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 2008)			
	Motorways	Main or national roads	Secondary or regional roads	Other roads (*)
BE	1 763	12 613	1 349	137 870
BG	418	2 975	16 042	
CZ	691	6 210	48 753	74 919
DK	1 128	2 711	69 492	
DE	12 645	40 203	178 151	
EE	104	3 889	12 494	41 547
IE	423	5 010	11 645	79 447
EL	1 103	10 189	30 864	75 600
ES	13 515	11 875	139 621	501 053
FR	11 042	9 765	377 984	629 000
IT	6 629	19 290	157 785	
CY	257	2 131	2 745	3 585
LV		1 649	18 529	49 508
LT	309	6 385	14 625	59 710
LU	147	837	1 891	
HU	1 274	6 973	23 927	166 170
MT		184	665	1 379
NL	2 637	2 413	7 848	123 237
AT	1 696	10 442	23 673	74 394
PL	765	17 754	28 474	214 240
PT	2 623	5 958	4 409	
RO	281	16 318	65 094	
SI	696	935	5 085	32 219
SK	384	3 443	14 089	25 942
FI	739	12 593	13 493	51 317
SE	1 855	13 474	83 138	117 130
UK	3 559	48 957	122 322	244 645
HR	1 043	6 966	10 904	10 335
MK	221	690	3 771	9 240
TR	2 010	31 311	30 712	288 013
IS	11	5 000	2 794	5 064
NO	253	27 210	33 926	38 515
CH	1 383	383	18 112	51 506

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** and **MT**: end of 2005 (except for motorways).

Railways

LENGTH OF LINES IN USE

	km							km	%
	1990	1995	2000	2005	2007	2008	2009	OF WHICH: ELECTRIFIED 2009	
EU-27	231 582	227 125	217 378	211 789	212 452	212 851	212 528	110 948	52.2
EU-15	162 132	160 020	151 967	149 753	150 879	151 128	151 048	83 631	55.4
EU-12	69 450	67 105	65 411	62 036	61 573	61 723	61 480	27 317	44.4
BE	3 479	3 368	3 471	3 544	3 374	3 513	3 578	3 005	84.0
BG	4 299	4 294	4 320	4 154	4 143	4 144	4 150	2 833	68.3
CZ		9 430	9 444	9 614	9 588	9 486	9 477	3 152	33.3
DK	2 838	2 863	2 787	2 646	2 646	2 646	2 646	621	23.5
DE	40 981	41 718	36 588	34 221	33 890	33 855	33 714	19 701	58.4
EE	1 026	1 021	968	968	816	919	919	132	14.4
IE	1 944	1 954	1 919	1 919	1 919	1 919	1 919	52	2.7
EL	2 484	2 474	2 385	2 576	2 551	2 552	2 552	264	10.3
ES	14 539	14 291	13 868	14 452	15 012	15 041	15 044	8 772	58.3
FR	34 070	31 939	29 272	29 286	29 918	29 901	29 903	15 463	51.7
IT	16 066	16 003	16 187	16 545	16 667	16 861	17 004	12 082	71.1
CY	-	-	-	-	-	-	-	-	-
LV	2 397	2 413	2 331	2 270	2 265	2 263	1 884	257	13.6
LT	2 007	2 002	1 905	1 771	1 766	1 765	1 767	122	6.9
LU	271	275	274	275	275	275	275	262	95.3
HU	7 838	7 714	8 005	7 950	7 942	7 892	7 892	2 848	36.1
MT	-	-	-	-	-	-	-	-	-
NL	2 798	2 739	2 802	2 797	2 888	2 896	2 886	2 195	76.1
AT	5 624	5 672	5 665	5 691	5 818	5 664	5 356	3 518	65.7
PL	26 228	23 986	22 560	19 507	19 419	19 627	19 764	11 891	60.2
PT	3 064	2 850	2 814	2 844	2 838	2 842	2 842	1 460	51.4
RO	11 348	11 376	11 015	10 948	10 777	10 777	10 776	4 002	37.1
SI	1 196	1 201	1 201	1 228	1 228	1 228	1 228	503	41.0
SK		3 668	3 662	3 626	3 629	3 622	3 623	1 577	43.5
FI	5 867	5 880	5 854	5 732	5 899	5 919	5 919	3 067	51.8
SE	11 193	10 925	11 037	11 017	10 972	11 032	11 138	7 862	70.6
UK	16 914	17 069	17 044	16 208	16 212	16 212	16 272	5 307	32.6
HR	2 429	2 296	2 726	2 726	2 722	2 722	2 722	984	36.1
MK	696	699	699	699	699	699	699	234	33.5
TR	8 429	8 549	8 671	8 697	8 697	8 699	9 080	2 313	25.5
IS	-	-	-	-	-	-	-	-	-
NO	4 044	4 023	4 179	4 087	4 114	4 114	4 114	2 552	62.0
CH	3 215	3 232	3 216	3 399	3 563	3 557	3 599	3 599	100.0

Railways

HIGH SPEED RAIL NETWORK

LENGTH OF LINES (1)

km (at end of year)								
	BE	DE	ES	FR	IT	NL	UK	EU
1985	-	-	-	419	224	-	-	643
1990	-	90	-	710	224	-	-	1 024
1995	-	447	471	1 281	248	-	-	2 447
2000	72	636	471	1 281	248	-	-	2 708
2001	72	636	471	1 540	248	-	-	2 967
2002	137	833	471	1 540	248	-	-	3 229
2003	137	875	1 069	1 540	248	-	74	3 943
2004	137	1 196	1 069	1 540	248	-	74	4 264
2005	137	1 196	1 090	1 540	248	-	74	4 285
2006	137	1 285	1 272	1 540	876	-	74	5 184
2007	137	1 285	1 511	1 872	562	-	113	5 480
2008	137	1 285	1 599	1 872	744	-	113	5 750
2009	209	1 285	1 604	1 872	923	120	113	6 126
2010	209	1 285	2 056	1 896	923	120	113	6 602

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

HIGH-SPEED LINES CURRENTLY UNDER CONSTRUCTION (2)

LINE		LENGTH – km	START OF OPERATION
DE	München - Augsburg	62	2011
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 Coruña - Vigo	158	2012
ES	Barcelona - Figueres	132	2012
FR	Nîmes - Montpellier	70	2012
PT	Porto - Vigo	55	2013

Notes: 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 volts, 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	27	26	99	37	111	91
EU-15	26	23	82	34	100	84
EU-12	1	3	17	3	11	7
BE	1		1		3	
BG			3			1
CZ	1				2	2
DK	1		1	2	2	1
DE	5	3	10	4	7	12
EE			1			
IE	1		2	1	2	3
EL	1	1	5	3	11	11
ES	4	4	17	3	5	8
FR	2	4	11	5	24	15
IT	2	5	16	2	10	3
CY		1	1			
LV			1			
LT			1		2	
LU						
HU		1				1
MT			1			
NL	1		1	1	2	
AT	1		1	3	1	
PL		1	5	1	3	
PT	1	1	2	1	2	1
RO			2	2	3	2
SI			1			
SK			1		1	1
FI	1			2	8	9
SE	1		4	3	11	13
UK	4	5	11	4	12	8
HR			3		3	
MK				1		1
TR	2	3	5	5	12	9
IS					2	4
NO	1		6	5	15	20
CH	2		1		1	2

Notes: (*) 'Passengers carried' do not include direct transit passengers (i.e. transit passengers who stay on board and continue their flight with the same flight number). Airports are grouped according to 2009 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	2005	2007	2008
EU-27		38 280	40 693	41 370	41 196	40 929
EU-15	27 155	28 928	31 710	32 585	32 238	31 956
EU-12		9 352	8 983	8 785	8 958	8 973
BE	1 515	1 540	1 534	1 516	1 516	1 516
BG	470	470	470	470	470	470
CZ		677	664	664	664	664
DK	-	-	-	-	-	-
DE	4 350	6 663	6 754	7 565	7 565	7 565
EE		520	320	320	320	335
IE	-	-	-	-	-	-
EL	6	6	6	6	6	6
ES	70	70	70	70	70	70
FR	6 197	5 962	5 789	5 788	5 444	5 200
IT	1 366	1 466	1 477	1 562	1 562	1 562
CY	-	-	-	-	-	-
LV	12	12	12	12	12	12
LT	369	369	380	290	441	441
LU	37	37	37	37	37	37
HU	1 373	1 373	1 373	1 440	1 440	1 440
MT	-	-	-	-	-	-
NL	5 046	5 046	6 183	6 082	6 074	6 102
AT	351	351	351	351	351	351
PL	3 997	3 980	3 813	3 638	3 660	3 660
PT	124	124	124	124	124	124
RO	1 782	1 779	1 779	1 779	1 779	1 779
SI	-	-	-	-	-	-
SK	2 379	172	172	172	172	172
FI	6 072	6 120	7 842	8 029	8 049	7 983
SE	390	390	390	390	390	390
UK	1 631	1 153	1 153	1 065	1 050	1 050
HR	-	-	-	-	-	-
MK	-	-	-	-	-	-
TR	-	-	-	-	-	-
IS	-	-	-	-	-	-
NO	-	-	-	-	-	-
CH	-	-	-	-	-	-

Notes: The inland waterways of **EL** (Korinthos Canal), **ES** (Guadalquivir) and **PT** (Douro, Guadiana, Tejo) are used by seagoing ships only.

Pipelines

LENGTH OF OIL PIPELINES

	km					
	1990	1995	2000	2005	2007	2008
EU-27			33 958	35 256	36 973	37 747
EU-15	19 125	20 631	22 162	23 011	24 575	24 867
EU-12			11 796	12 245	12 398	12 880
BE	301	294	294	294	294	294
BG	578	578	578	578	578	578
CZ		581	675	675	675	675
DK	444	330	330	330	330	330
DE	3 038	2 460	2 370	2 370	2 370	2 370
EE	-	-	-	-	-	-
IE	-	-	-	-	-	-
EL	-	-	-	267	267	267
ES	2 678	3 691	3 780	3 833	3 904	4 195
FR	4 948	4 983	5 746	5 746	6 332	6 332
IT	4 086	4 235	4 346	4 328	4 359	4 360
CY	-	-	-	-	-	-
LV	766	766	766	860	860	860
LT		400	500	500	500	500
LU	-	-	-	-	-	-
HU	2 574	2 071	2 061	2 032	2 209	2 206
MT	-	-	-	-	-	-
NL	391	391	418	418	418	418
AT	777	777	777	777	1 707	1 707
PL	2 039	2 278	2 278	2 278	2 278	2 278
PT	-	-	147	147	147	147
RO	3 694	3 546	4 423	4 807	4 783	5 268
SI	-	-	-	-	-	-
SK		515	515	515	515	515
FI	-	-	-	-	-	-
SE	-	-	-	-	-	-
UK	2 462	3 470	3 954	4 501	4 447	4 447
HR	865	601	601	610	610	610
MK				144	144	144
TR				3 065	3 065	3 065
IS	-	-	-	-	-	-
NO		3 701	7 908	1 189	1 189	1 180
CH	239		108	108	108	108

Notes: Including oil pipelines under the sea.
DE: crude oil pipelines only.

Source: Eurostat, national statistics, estimates (*in italics*)

Road MOTORISATION

NUMBER OF PASSENGER CARS PER THOUSAND INHABITANTS								%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27	345	380	417	448	463	470	473	0.7
EU-15	406	435	465	489	499	501	503	0.4
EU-12	140	190	242	296	325	352	360	2.3
BE	387	421	456	468	473	477	479	0.4
BG	152	196	245	329	272	311	331	6.3
CZ	234	295	335	386	412	423	422	-0.1
DK	309	320	347	362	378	381	383	0.6
DE	461	495	475	493	501	504	510	1.3
EE	154	269	339	367	391	412	407	-1.1
IE	228	276	348	400	434	439	432	-1.6
EL	170	207	292	387	428	446	454	1.7
ES	309	360	431	463	481	483	478	-1.1
FR	476	481	503	497	506	498	500	0.4
IT	483	533	572	590	598	601	605	0.5
CY	304	335	384	463	521	557	573	3.0
LV	106	134	236	324	398	413	402	-2.5
LT	133	199	336	428	472	499	509	2.1
LU	477	556	622	655	665	667	660	-1.0
HU	187	218	232	287	300	305	301	-1.2
MT	337	487	483	525	548	555	570	2.7
NL	367	364	409	434	451	458	460	0.5
AT	388	452	511	504	510	513	521	1.5
PL	138	195	261	323	383	422	432	2.5
PT	185	255	336	397	412	415	419	1.0
RO	56	97	124	156	164	187	198	5.6
SI	294	357	435	479	504	514	517	0.6
SK	166	189	237	242	265	285	293	2.6
FI	388	371	412	462	485	507	519	2.3
SE	419	411	450	459	464	462	460	-0.4
UK	361	378	425	469	472	472	470	-0.3
HR		155	253	312	336	346	346	0.0
MK		145	148	124	122	128	137	7.0
TR		49	65	80	92	95	98	2.9
IS	468	445	561	625	658	657	646	-1.6
NO	380	386	411	437	455	458	462	0.9
CH	442	457	492	518	521	518	515	-0.6

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

Source: tables 2.6.2 and 1.5

Road PASSENGER CARS

STOCK OF REGISTERED VEHICLES

	thousand							%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27	163 048	181 751	200 868	220 223	229 536	233 852	236 147	1.0
EU-15	148 041	161 539	175 513	189 611	195 932	197 481	198 967	0.8
EU-12	15 007	20 212	25 355	30 612	33 604	36 371	37 180	2.2
BE	3 864	4 273	4 678	4 919	5 049	5 131	5 193	1.2
BG	1 317	1 648	1 993	2 538	2 082	2 366	2 502	5.7
CZ	2 410	3 043	3 439	3 959	4 280	4 423	4 435	0.3
DK	1 590	1 679	1 854	1 965	2 068	2 099	2 120	1.0
DE	36 772	40 499	39 059	40 660	41 184	41 321	41 738	1.0
EE	241	383	464	494	524	552	546	-1.1
IE	801	998	1 333	1 684	1 910	1 953	1 931	-1.2
EL	1 736	2 205	3 195	4 303	4 799	5 024	5 132	2.2
ES	11 996	14 212	17 449	20 250	21 760	22 145	21 983	-0.7
FR	27 072	27 872	29 808	30 497	31 443	31 109	31 394	0.9
IT	27 416	30 301	32 584	34 667	35 680	36 105	36 477	1.0
CY	179	220	268	355	411	444	461	3.8
LV	283	332	557	742	905	933	904	-3.1
LT	493	718	1 172	1 455	1 588	1 671	1 695	1.4
LU	183	229	273	307	322	329	332	0.7
HU	1 944	2 245	2 365	2 889	3 012	3 055	3 014	-1.4
MT	120	181	189	213	225	229	235	2.6
NL	5 509	5 633	6 539	7 092	7 392	7 542	7 622	1.1
AT	2 991	3 594	4 097	4 157	4 246	4 285	4 360	1.8
PL	5 261	7 517	9 991	12 339	14 589	16 080	16 495	2.6
PT	1 849	2 560	3 443	4 200	4 379	4 408	4 457	1.1
RO	1 292	2 197	2 778	3 364	3 541	4 027	4 245	5.4
SI	587	711	866	960	1 014	1 045	1 059	1.3
SK	880	1 016	1 274	1 304	1 434	1 545	1 589	2.9
FI	1 939	1 901	2 135	2 430	2 570	2 700	2 777	2.8
SE	3 601	3 631	3 999	4 154	4 258	4 279	4 301	0.5
UK	20 722	21 951	25 067	28 326	28 873	29 050	29 152	0.4
HR		711	1 125	1 385	1 491	1 535	1 533	-0.2
MK		286	300	253	249	263	282	7.3
TR		3 059	4 422	5 773	6 472	6 797	7 094	4.4
IS	120	119	159	187	208	210	205	-2.1
NO	1 613	1 685	1 852	2 029	2 155	2 197	2 244	2.1
CH	2 985	3 229	3 545	3 861	3 956	3 990	4 010	0.5
LI	17	19	22	24	24	25	26	1.8

Notes: Stock at end of year, except for BE: 1 August, CH: 30 September, LI: 1 July.
Taxis are usually included.

Source: national statistics, United Nations Economic Commission for Europe, estimates (*in italics*)

Road

BUSES AND COACHES

STOCK OF REGISTERED VEHICLES

	thousand							%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27	738.2	752.9	776.8	790.3	797.6	816.7	823.9	0.9
EU-15	480.1	483.7	523.3	548.5	566.1	571.9	579.8	1.4
EU-12	258.1	269.3	253.5	241.8	231.4	244.8	244.1	-0.3
BE	15.6	14.6	14.7	15.4	15.5	16.0	16.1	0.4
BG	34.6	41.8	43.0	37.8	23.9	25.2	25.1	-0.4
CZ	20.5	20.5	19.0	20.9	21.2	21.1	20.7	-2.1
DK	8.1	13.7	14.0	14.4	14.5	14.5	14.5	0.4
DE	100.4	85.4	77.2	75.2	75.1	75.3	76.4	1.5
EE	7.9	7.0	6.1	5.2	4.3	4.3	4.1	-4.5
IE	4.0	5.3	7.0	7.6	8.5	8.9	8.6	-4.0
EL	21.4	24.6	27.0	26.8	27.1	27.2	27.3	0.5
ES	45.8	47.4	54.7	58.2	61.0	62.2	62.7	0.8
FR	73.7	81.8	85.7	90.1	94.4	92.9	95.8	3.1
IT	77.7	75.0	88.0	94.4	96.4	97.6	98.6	1.1
CY	2.3	2.7	2.9	3.2	3.3	3.4	3.4	1.4
LV	12.1	16.5	11.5	10.6	10.6	10.5	9.7	-8.1
LT	15.2	17.6	15.5	15.3	14.5	14.3	13.8	-3.3
LU	0.8	0.9	1.1	1.3	1.5	1.5	1.6	5.0
HU	26.4	20.5	17.9	17.5	17.9	18.0	17.7	-1.3
MT	1.0	1.0	1.1	1.1	1.2	1.2	1.2	0.8
NL	12.1	11.6	11.4	11.0	11.1	11.3	11.7	2.9
AT	9.4	9.8	9.9	9.3	9.3	9.4	9.6	2.5
PL	92.4	85.4	82.6	79.6	87.6	92.4	95.4	3.3
PT	12.1	15.0	19.8	14.7	15.1	15.4	15.5	0.6
RO	28.3	42.0	40.7	39.3	34.2	41.5	41.2	-0.9
SI	3.1	2.5	2.3	2.3	2.3	2.4	2.4	0.7
SK	14.3	11.8	10.9	9.1	10.5	10.5	9.4	-10.8
FI	9.3	8.1	9.9	10.9	11.5	12.3	13.0	6.0
SE	14.6	14.6	14.4	13.5	13.3	13.5	13.4	-0.5
UK	75.0	75.9	88.6	105.6	111.9	114.0	115.0	0.9
HR	5.8	3.9	4.7	4.9	5.0	5.1	5.1	-0.5
MK	2.3	2.5	2.5	2.3	2.3	2.3	2.5	8.1
TR	188.1	263.2	354.3	501.9	561.7	583.5	585.1	0.3
IS	1.3	1.3	1.7	1.9	1.9	2.0	1.9	-3.4
NO	21.2	32.5	36.7	28.8	25.2	23.3	21.5	-7.9
CH	31.2	36.5	40.3	45.8	48.0	48.5	50.7	4.4
LI			0.1	0.1	0.1	0.1	0.1	6.1

Notes: Stock at end of year, except for BE: 1 August, CH: 30 September, LI: 1 July.
Data include buses, coaches, minibuses and sometimes also trolleybuses.

Source: national statistics, United Nations Economic
Commission for Europe, estimates (*in italics*)

Road GOODS VEHICLES

STOCK OF REGISTERED VEHICLES

	thousand							%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27		22 811.7	27 098.5	31 177.1	33 138.3	33 675.3	33 840.4	0.5
EU-15	17 536.5	19 849.3	23 256.0	26 452.9	28 025.2	28 077.1	28 122.6	0.2
EU-12		2 962.4	3 842.5	4 724.2	5 113.2	5 598.2	5 717.8	2.1
BE	380.4	442.5	548.4	652.1	690.7	711.9	724.1	1.7
BG	161.6	223.2	259.4	333.9	261.3	299.2	317.8	6.2
CZ		219.3	298.3	439.2	554.8	607.4	601.8	-0.9
DK	286.6	333.8	384.9	469.5	536.6	531.4	507.9	-4.4
DE	1 653.0	2 378.7	2 419.1	2 404.9	2 503.0	2 523.6	2 556.0	1.3
EE	67.7	65.6	82.1	86.2	80.3	83.4	81.1	-2.7
IE	143.2	141.8	205.6	286.5	345.9	351.3	343.9	-2.1
EL	766.4	883.8	1 057.4	1 186.5	1 255.9	1 289.5	1 302.4	1.0
ES	2 401.1	3 024.2	3 923.2	4 849.6	5 353.3	5 405.6	5 342.9	-1.2
FR	4 670.0	4 926.0	5 151.7	5 346.7	5 476.0	5 212.0	5 238.6	0.5
IT	2 349.0	2 708.8	3 377.6	4 179.7	4 437.6	4 534.7	4 589.1	1.2
CY	74.3	101.2	114.7	118.4	117.5	121.8	124.1	1.9
LV		68.7	97.1	113.1	129.6	129.8	120.6	-7.1
LT	83.0	108.9	98.6	122.5	147.6	150.1	146.3	-2.5
LU	11.3	15.8	24.7	29.6	32.5	34.4	34.7	1.0
HU	262.0	292.1	366.4	427.6	459.4	470.8	466.7	-0.9
MT		40.8	51.5	44.4	46.9	48.2	47.8	-0.8
NL	553.0	654.0	899.0	1 004.5	1 010.4	1 025.9	1 017.3	-0.8
AT	261.8	302.9	344.5	358.0	372.6	381.3	388.0	1.7
PL		1 354.1	1 879.1	2 304.5	2 520.5	2 709.7	2 796.8	3.2
PT	781.0	912.3	1 313.2	1 308.0	1 333.0	1 335.0	1 337.0	0.1
RO	258.7	343.1	427.2	493.8	502.0	645.3	661.9	2.6
SI	30.8	42.9	54.3	66.4	77.6	83.9	83.6	-0.3
SK	92.0	102.6	114.0	174.2	215.7	248.7	269.3	8.3
FI	264.2	252.0	304.3	363.6	394.7	424.5	443.9	4.6
SE	309.5	307.7	374.2	461.2	504.1	510.2	514.6	0.9
UK	2 706.0	2 565.0	2 928.3	3 552.4	3 778.7	3 805.8	3 782.1	-0.6
HR		73.5	122.5	162.9	176.7	180.3	164.8	-8.6
MK		22.6	24.6	18.0	16.6	17.3	18.4	6.7
TR		830.0	1 351.8	2 152.0	2 619.7	2 810.2	2 932.3	4.3
IS	13.1	14.8	19.4	25.5	31.1	31.8	30.9	-2.8
NO	308.3	349.5	414.3	465.4	513.7	523.4	524.2	0.2
CH	252.1	262.4	278.5	307.2	324.2	326.2	327.8	0.5
LI			2.5	2.6	2.6	2.7	2.7	0.6

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.

Road POWERED TWO-WHEELERS

STOCK OF REGISTERED VEHICLES

	thousand						%
	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27			29703.5	32797.6	34422.9	35104.6	2.0
EU-15		20805.5	27127.6	30020.1	31278.0	31729.9	1.4
EU-12			2575.9	2777.4	3144.9	3374.6	7.3
BE		277.8	346.3	374.7	388.3	403.9	4.0
BG	519.3	520.5	146.5	90.3	106.9	117.6	10.0
CZ	915.2	748.1	794.0	860.1	892.8	903.3	1.2
DK	58.0	138.3	171.9	197.2	204.8	205.2	0.2
DE	3995.5	4438.1	5202.9	5550.0	5852.3	5866.8	0.2
EE	3.3	6.7	10.2	14.8	17.6	18.6	5.5
IE	23.5	30.6	34.3	37.2	39.4	39.6	0.4
EL		781.4	1124.2	1298.7	1388.6	1448.9	4.3
ES	1301.2	1445.6	4117.6	4741.8	4911.5	4958.9	1.0
FR	2289.0	2410.0	2475.3	3740.0	3857.0	3532.0	-8.4
IT	6228.3	7826.9	9298.4	9280.3	9609.1	10074.1	4.8
CY	50.4	43.3	40.4	41.2	43.2	42.7	-1.2
LV	15.8	20.7	32.5	44.4	51.3	52.0	1.3
LT	20.0	19.8	24.0	35.3	45.6	51.4	12.6
LU	28.4	32.8	37.7	39.5	40.3	41.3	2.4
HU		91.2	122.7	135.9	141.5	142.0	0.3
MT	17.4	12.4	12.0	12.8	14.4	14.5	0.7
NL	855.0	970.8	1112.9	1371.6	1479.5	1579.1	6.7
AT	546.4	632.7	627.7	667.6	691.2	712.1	3.0
PL	929.0	803.0	1091.2	1350.8	1607.3	1808.7	12.5
PT	216.3	345.9	588.4	536.6	535.0	533.3	-0.3
RO	327.7	239.2	197.4	56.5	71.8	80.0	11.4
SI	8.5	11.2	48.7	71.5	82.0	88.4	7.8
SK	81.8	45.6	56.4	63.9	70.3	55.4	-21.2
FI	159.5	193.4	301.8	376.5	421.5	456.2	8.2
SE	264.2	310.1	453.1	528.1	553.9	571.9	3.2
UK	714.0	971.0	1235.0	1280.3	1305.6	1306.8	0.1
HR	9.9	21.9	128.4	162.7	183.8	184.5	0.4
MK			1.7	4.4	8.6	9.1	5.5
TR	819.9	1011.3	1441.1	2003.5	2181.4	2303.3	5.6
IS	1.9	2.3	4.2	8.1	9.0	9.4	4.6
NO	158.6	201.6	257.5	282.5	296.4	306.8	3.5
CH	704.1	732.6	770.3	788.7	804.1	806.6	0.3
LI		2.6	3.1	3.3	3.4	3.6	4.0

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. Break in time series due to inclusion
of mopeds from 2001 in ES, from 2002 in SI and HR, from 2004 in LV,
from 2005 in PL, from 2007 in LT.

Road PASSENGER CARS

NEW VEHICLE REGISTRATIONS

thousand							%
	2000	2005	2007	2008	2009	2010	CHANGE '09/'10
EU-27		15092.2	15605.0	14361.4	14179.1	13389.6	-5.6
EU-15	14319.1	14111.9	14363.8	13152.9	13298.5	12552.5	-5.6
EU-12		980.3	1241.1	1208.5	880.6	837.1	-4.9
BE	515.2	480.1	524.8	535.9	476.2	547.4	15.0
BG		32.7	41.0	43.8	25.0	17.4	-30.2
CZ		151.7	174.5	182.6	167.7	167.5	-0.1
DK	112.7	146.9	159.3	150.1	112.2	152.4	35.9
DE	3378.3	3319.3	3148.2	3090.0	3807.2	2916.3	-23.4
EE		19.6	30.9	24.6	9.9	10.3	3.5
IE	230.8	171.7	186.3	151.6	57.5	88.4	53.8
EL	290.2	269.7	279.7	267.3	219.7	141.5	-35.6
ES	1381.3	1528.9	1614.8	1161.2	952.8	982.0	3.1
FR	2133.9	2067.8	2064.5	2050.3	2302.4	2251.7	-2.2
IT	2423.1	2237.4	2493.1	2161.7	2158.9	1959.4	-9.2
CY	8.2	19.2	25.1	24.2	15.9	15.1	-5.5
LV		16.6	32.8	19.8	5.4	6.4	18.6
LT		10.5	21.6	22.2	7.5	8.0	6.1
LU	41.9	48.5	51.3	52.4	47.3	49.7	5.2
HU		199.0	171.7	153.3	60.2	43.5	-27.8
MT		6.6	6.2	5.4	5.9	4.1	-31.2
NL	597.6	465.2	505.5	499.9	387.2	483.9	25.0
AT	309.4	307.9	298.2	293.7	319.4	328.6	2.9
PL		235.5	293.3	320.0	320.2	333.5	4.1
PT	257.8	206.5	201.8	213.4	161.0	223.5	38.8
RO		172.5	315.6	271.0	130.2	106.3	-18.3
SI		59.3	68.7	71.6	58.0	61.1	5.5
SK		57.1	59.7	70.0	74.7	64.0	-14.3
FI	134.6	147.9	125.3	139.6	88.3	107.3	21.5
SE	290.5	274.3	306.8	254.0	213.4	289.5	35.6
UK	2221.7	2439.7	2404.0	2131.8	1995.0	2030.8	1.8
HR	92.4	102.1	106.2	95.7	53.3		
MK							
TR		406.8	353.5	353.2	358.0	465.3	30.0
IS	13.6	18.1	15.9	9.0	2.1	3.1	47.0
NO	97.4	109.9	129.2	110.6	98.7	127.8	29.5
CH	316.5	264.9	284.7	288.6	266.0	292.6	10.0

Notes: RO: Sales.

Road GOODS VEHICLES

NEW VEHICLE REGISTRATIONS

	LIGHT COMMERCIAL VEHICLES			COMMERCIAL VEHICLES			HEAVY COMMERCIAL VEHICLES		
	<3.5t		CHANGE '09/'10	>3.5t & <16t		CHANGE '09/'10	>16t		CHANGE '09/'10
	2009	2010		2009	2010		2009	2010	
EU-27	1 365 492	1 487 351	8.9						
EU-15	1 256 799	1 396 689	11.1	67 379	69 013	2.4	143 347	150 668	5.1
EU-12	108 693	90 662	-16.6						
BE	53 620	54 856	2.3	2 630	2 477	-5.8	6 202	5 577	-10.1
BG	4 275	3 121	-27.0						
CZ	13 007	11 429	-12.1	2 012	1 288	-36.0	3 117	3 665	17.6
DK	15 207	16 092	5.8	575	522	-9.2	2 677	2 318	-13.4
DE	170 067	197 270	16.0	26 177	30 841	17.8	40 322	48 827	21.1
EE	1 175	1 370	16.6	25	50	100.0	231	320	38.5
IE	8 611	9 957	15.6	859	875	1.9	699	611	-12.6
EL	14 499	10 632	-26.7	988	688	-30.4	889	618	-30.5
ES	106 527	116 004	8.9	3 999	3 573	-10.7	8 280	10 117	22.2
FR	372 590	415 448	11.5	7 599	7 687	1.2	28 576	28 172	-1.4
IT	175 405	179 502	2.3	6 714	6 098	-9.2	12 372	11 749	-5.0
CY	3 397	3 584	5.5	(1)	(1)	0.0	(1)	(1)	0.0
LV	520	571	9.8	49	59	20.4	251	410	63.3
LT	776	936	20.6	100	69	-31.0	414	1 300	214.0
LU	3 063	3 246	6.0	135	147	8.9	790	700	-11.4
HU	10 619	9 187	-13.5		313			1 965	
MT	471	924	96.2	(1)	(1)		(1)	(1)	
NL	51 281	49 564	-3.3	1 794	1 689	-5.9	9 963	8 959	-10.1
AT	25 582	27 992	9.4	864	798	-7.6	3 926	4 387	11.7
PL	40 232	38 647	-3.9	3 650	4 497	23.2	6 235	8 516	36.6
PT	38 905	45 650	17.3	847	745	-12.0	2 364	2 389	1.1
RO	14 086	9 238	-34.4	973	746	-23.3	1 619	2 160	33.4
SI	4 426	4 703	6.3	227	201	-11.5	531	682	28.4
SK	15 709	6 952	-55.7	473	505	6.8	1 188	1 946	63.8
FI	8 693	10 821	24.5	991	1 011	2.0	2 178	1 867	-14.3
SE	27 432	37 778	37.7	714	759	6.3	4 783	4 076	-14.8
UK	185 317	221 877	19.7	12 493	11 103	-11.1	19 326	20 301	5.0
IS	302	220	-27.2	18	15	-16.7	30	26	-13.3
NO	23 504	29 040	23.6	1 276	1 553	21.7	2 822	2 525	-10.5
CH	23 110	25 697	11.2	1 150	1 003	-12.8	3 292	2 601	-21.0

Notes: (1) Data included under 'Light commercial vehicles'.

Source: Association des Constructeurs Européens d'Automobiles (ACEA), national sources

Road

BUSES AND COACHES

NEW VEHICLE REGISTRATIONS

	LIGHT BUSES & COACHES <3.5t		BUSES & COACHES >3.5t & <16t		HEAVY BUSES & COACHES >16t		TOTAL		%
	2009	2010	2009	2010	2009	2010	2009	2010	CHANGE '09/'10
EU-27									
EU-15	3 913	3 970	11 842	10 881	21 490	19 153	37 245	34 004	-8.7
EU-12									
BE	23	3	272	257	684	755	979	1 015	3.7
BG									
CZ	0	0	335	140	611	525	946	665	-29.7
DK	348	375	300	254	464	375	1 112	1 004	-9.7
DE	12	4	987	928	4 613	4 287	5 612	5 219	-7.0
EE	1	0	85	120	26	48	112	168	50.0
IE	130	88	107	48	130	36	367	172	-53.1
EL	57	38	318	80	637	285	1 012	403	-60.2
ES			849	723	1 795	1 687	2 644	2 410	-8.9
FR	2	1	1 659	1 240	5 773	4 666	7 434	5 907	-20.5
IT	26	31	1 770	1 829	1 473	2 442	3 269	4 302	31.6
CY	41	248	(1)		(1)	(1)	41	248	504.9
LV	5	0	30	82	22	47	57	129	126.3
LT	21	4	91	86	1	4	113	94	-16.8
LU			34	15	175	159	209	174	-16.7
HU		8		105		167	666	280	-58.0
MT	26	15	0	0	3	9	29	24	-17.2
NL			110	260	1 052	312	1 162	572	-50.8
AT		10	116	119	528	580	644	709	10.1
PL	1 817	1 877	2	21			1 819	1 898	4.3
PT			311	238	318	254	629	492	-21.8
RO	877	717	8	8	204	97	1 089	822	-24.5
SI	9	1	51	46	75	96	135	143	5.9
SK	7	0	225	105	442	323	674	428	-36.5
FI	21	16	302	247	266	256	589	519	-11.9
SE	134	235	260	317	782	1 105	1 176	1 657	40.9
UK	3 160	3 169	4 447	4 326	2 800	1 954	10 407	9 449	-9.2
IS	6	10	2	7	0	11	8	28	250.0
NO	55	37	396	466	709	979	1 160	1 482	27.8
CH	514	453	191	115	418	372	1 123	940	-16.3

Notes: (1) Figures included in other categories.

Road MOTORCYCLES

NEW VEHICLE REGISTRATIONS

	thousand					%
	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27						
EU-15	1 333.2	1 296.0	1 470.0	1 355.4	1 194.4	-11.9
EU-12						
BE	25.3	25.0	30.1	26.4	26.4	0.1
BG						
CZ	3.9	7.6	10.0	9.6	7.2	-25.2
DK	3.3	5.8	9.8	6.7	5.2	-22.8
DE	252.6	168.7	166.9	166.3	139.0	-16.4
EE	0.1	0.3	1.3	1.2	0.5	-60.5
IE	3.8	2.4	2.9	2.6	1.4	-46.2
EL	64.0	83.1	100.5	100.1	69.2	-30.8
ES	72.0	205.6	269.5	209.9	134.6	-35.9
FR	179.6	196.6	239.0	237.6	200.0	-15.8
IT	524.6	420.5	436.0	408.2	445.6	9.2
CY		2.5	3.7	4.5	3.1	-29.6
LV		0.4	1.5	1.6	0.4	-77.4
LT	0.4	1.7	4.4	5.6	3.9	-30.8
LU	1.3	1.3	1.4	1.4	1.6	14.8
HU		12.5	12.8	12.3	4.4	-64.4
MT		0.4	0.5	0.7	0.6	-13.0
NL	19.6	16.8	16.2	17.0	18.3	7.8
AT	23.8	19.1	23.7	24.5	23.7	-3.1
PL		3.8	7.6	10.7	9.4	-11.8
PT	17.7	11.2	12.0	10.8	13.5	25.2
RO		0.8	4.8	7.0	8.6	24.1
SI	1.2	2.5	5.1	5.3	3.8	-28.3
SK		1.2	3.1	3.1	2.3	-25.7
FI	5.2	9.2	11.5	9.1	8.8	-2.5
SE	18.4	22.8	30.7	20.4	11.8	-42.0
UK	121.9	108.1	119.9	114.5	95.2	-16.8
HR		6.7	9.0	8.8	4.7	-46.5
MK			3.2	6.4		
TR		227.7	191.9	189.6	138.9	-26.7
IS						
NO		6.2	9.6	10.1	4.3	-57.1
CH		45.1	47.9	48.6	34.7	-28.7

Notes: CY: new and used;
IT: all two-wheelers over 50cc;
MT: including mopeds.

Road MOPEDS

NEW VEHICLE DELIVERIES

	thousand					%
	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27						
EU-15	1094.9	673.0	789.4	715.9	630.5	-11.9
EU-12						
BE	33.2	17.3	21.4	19.6	17.0	-13.1
BG						
CZ		8.0	6.1	5.7	4.3	-24.2
DK	9.8	4.9	4.5	3.7	17.4	374.8
DE	108.7	97.3	94.2	79.6	74.7	-6.1
EE						
IE	3.0	0.8	0.6	0.5	0.4	-18.6
EL	19.2	24.1	21.9	25.0	20.4	-18.5
ES	248.6	115.1	125.9	84.2	44.0	-47.8
FR	192.3	154.9	209.5	190.3	157.0	-17.5
IT	311.8	128.3	130.7	123.1	114.4	-7.1
CY		2.1	1.7	1.7	1.4	-18.2
LV		0.6	3.5	2.9	0.6	-80.2
LT				5.4	3.5	-35.3
LU	0.5	0.5	0.6	0.7	0.6	-4.7
HU						
MT						
NL	66.9	40.9	57.4	69.6	93.8	34.8
AT	21.3	27.7	30.9	31.0	26.1	-15.9
PL		23.3	91.9	136.0	94.0	-30.9
PT	15.0		7.9	7.2	5.7	-21.3
RO						
SI		3.1	5.7	5.9	4.6	-22.1
SK		2.0	3.0	2.6	2.1	-20.6
FI	6.4	20.9	27.4	25.3	21.1	-16.5
SE	10.0	15.4	31.9	31.1	21.4	-31.2
UK	48.2	24.7	24.6	25.0	16.4	-34.1
HR		13.2	18.2	19.8	10.6	-46.6
MK						
TR					2.4	
IS						
NO		11.9	10.5	11.4	9.0	-21.0
CH		3.086	2.738	3.127	9.352	199.1

Notes: CY: new and used.

Sea

EU MERCHANT FLEET

SHIPS OF 1 000 grt AND OVER

On 1 January 2009

	TOTAL FLEET CONTROLLED		NATIONAL FLAG		FOREIGN FLAG (INCLUDING OTHER EU)		SHARE OF FOREIGN FLAG IN TOTAL FLEET	
	Number	mio dwt	Number	mio dwt	Number	mio dwt	Number	mio dwt
EU-27	11 621	417.894	3 538	127.9	8 083	290.0		
EU-15	10 718	402.885	3 303	123.9	7 415	279.0		
EU-12	903	15.0	235	4.1	668	10.9		
BE	177	12.550	68	5.9	109	6.7	61.6	53.1
BG	33	0.383	2	0.0	31	0.4	93.9	92.7
CZ	1	0.004	0		1	0.0	100.0	100.0
DK	803	30.305	289	11.4	514	18.9	64.0	62.4
DE	3 476	104.876	442	17.6	3 034	87.3	87.3	83.2
EE	108	0.382	21	0.1	87	0.3	80.6	82.2
IE	36	0.150	19	0.1	17	0.1	47.2	43.3
EL	3 094	175.484	733	54.4	2 361	121.1	76.3	69.0
ES	259	4.582	128	1.5	131	3.1	50.6	67.3
FR	285	7.652	121	2.9	164	4.8	57.5	62.5
IT	745	18.942	527	12.8	218	6.2	29.3	32.7
CY	347	7.886	123	3.3	224	4.6	64.6	58.1
LV	127	1.812	12	0.2	115	1.6	90.6	90.7
LT	64	0.389	37	0.3	27	0.1	42.2	28.0
LU								
HU								
MT	17	0.059	15	0.1	2	0.0	11.8	10.2
NL	578	5.973	426	3.8	152	2.2	26.3	36.3
AT	4	0.025	2	0.0	2	0.0	50.0	52.0
PL	115	2.438	13	0.0	102	2.4	88.7	98.4
PT	41	0.828	25	0.1	16	0.7	39.0	88.6
RO	57	0.789	11	0.1	46	0.7	80.7	85.6
SI	33	0.861	0		33	0.9	100.0	100.0
SK	1	0.006	1	0.0	0			
FI	133	1.947	85	0.9	48	1.1	36.1	55.2
SE	347	7.285	136	1.7	211	5.6	60.8	76.4
UK	740	32.286	302	10.9	438	21.4	59.2	66.3
HR	112	3.295	79	2.3	33	1.0	29.5	29.0
MK								
TR	1 156	15.328	520	6.7	636	8.6	55.0	56.1
IS	34	0.419	2	0.0	32	0.4	94.1	99.8
NO	1 468	43.649	453	9.2	1 015	34.4	69.1	78.9
CH	137	3.515	35	1.0	102	2.5	74.5	71.2

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

Russia: 1 418 ships, 17.302 mio dwt; **Monaco:** 68 ships, 3.176 mio dwt;

Ukraine: 386 ships, 2.817 mio dwt; **Gibraltar:** 10 ships, 0.224 mio dwt.

Source: ISL merchant fleet data bases; aggregates based on quarterly updates from the Lloyd's Maritime Information System

Sea

WORLD MERCHANT FLEET

TOTAL CONTROLLED FLEET BY WORLD REGION

dwt (million)						
On 1 January:						
World region	1995	2000	2005	2007	2008	2009
Europe (*)	311.2	350.1	400.9	465.1	480.9	507.7
of which: EU-27	223.6	258.0	316.9	368.5	392.1	417.9
of which: EU-15	207.5	247.5	305.0	355.9	377.4	402.9
North America	51.0	49.4	45.4	49.3	49.7	52.2
Latin America	18.7	15.7	14.4	12.4	13.5	14.0
Asia / Oceania	246.7	292.7	361.3	423.4	462.7	497.8
Africa	6.7	7.1	5.1	5.0	5.1	5.0
Unknown	38.0	38.1	52.7	45.8	59.3	67.6
TOTAL	672.4	753.2	879.9	1001.1	1071.0	1144.4
SHARE OF EU IN TOTAL AND OF FOREIGN FLAG IN EU						
EU-27 control of total	33.2 %	34.2 %	36.0 %	36.8 %	36.6 %	36.5 %
EU-15 control of total	30.9 %	32.9 %	34.7 %	35.5 %	35.2 %	35.2 %
EU-27: Foreign flag share (**)	56.5 %	68.1 %	67.8 %	69.3 %	68.6 %	69.4 %
EU-15: Foreign flag share (**)	57.7 %	67.7 %	67.0 %	69.4 %	68.7 %	69.3 %

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

FOR TRANSPORT OF GOODS AND PASSENGERS: FLEET BY TYPE OF SHIP AND COUNTRY OF DOMICILE

On 1 January 2009

	Number			dwt (thousand)		
	WORLD	EU-27	%	WORLD	EU-27	%
(ships of 1 000 gt and over)						
TOTAL FLEET	36 452	11 621	32	1 144 375	417 895	37
Tankers	9 336	2 914	31	460 256	165 920	36
OF WHICH:						
Oil tankers	7 396	2 367	32	415 790	154 499	37
Chemical tankers	754	168	22	8 739	1 753	20
Liquid gas tankers	1 186	379	32	35 727	9 668	27
Bulk carriers	7 078	2 152	30	413 986	131 194	32
Container ships	4 619	2 430	53	161 914	88 386	55
General cargo	13 298	3 390	25	102 219	30 096	29
OF WHICH:						
Single-deck	7 169	1 573	22	51 100	12 383	24
Multi-deck	3 130	767	25	22 862	5 468	24
Ro-Ro Cargo	843	338	40	6 372	3 295	52
Reefer	983	335	34	6 310	2 812	45
Special	1 173	377	32	15 574	6 138	39
Passenger and passenger cargo	2 211	735	33	6 000	2 299	38

FOR TRANSPORT OF GOODS AND PASSENGERS / CARGO SHIPS BY REGISTERED FLAG

On 1 January 2009

FLAG, NUMBERS AND GROSS TONS

	Number			gt (thousand)		
	WORLD	EU-27	%	WORLD	EU-27	%
(ships of 300 gt and over)						
TOTAL PASSENGER AND PASSENGER/CARGO SHIPS	4 161	1 247	30	32 615	14 125	43
Cargo passenger and Ro-Ro passenger ships	2 611	842	32	17 148	9 457	55
Passenger (not Ro-Ro)	1 550	405	26	15 467	4 668	30
Cruise ships (ships of 1 000 gt and over)	286	97	34	14 895	4 819	32

Notes: 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 2010					PASSENGER AIRCRAFT
	50 seats or less	51 to 150 seats	151 to 250 seats	251 seats and more	TOTAL
EU-27	539	1 467	1 585	514	4 105
EU-15	447	1 282	1 443	492	3 664
EU-12	92	185	142	22	441
BE	16	44	14	7	81
BG	9	14	18		41
CZ	14	25	20		59
DK	29	41	23	7	100
DE	49	329	196	96	670
EE	4	6			10
IE	3	31	289	8	331
EL	12	23	34	4	73
ES	40	92	155	50	337
FR	92	129	121	99	441
IT	10	85	157	21	273
CY		3	7	2	12
LV	6	30	7		43
LT	8	5			13
LU	8	7	1		16
HU	7	17	35		59
MT	9	5	6		20
NL	1	78	51	41	171
AT	12	56	34	7	109
PL	14	40	12	1	67
PT	19	25	12		56
RO	12	30	34	19	95
SI	7	6			13
SK	2	4	3		9
FI	7	60	13	14	94
SE	50	36	12	5	103
UK	99	246	331	133	809
HR	2	11	6		19
MK		3	2		5
TR		61	201	22	284
IS	12	2	12		26
NO	32	101	48	3	184
CH	19	62	63	5	149
LI					0

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 2010

	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		
EU-27	185	173	65	87	2 057
EU-15	144	167	60	83	1 739
EU-12	41	6	5	4	318
BE	12	12	4	1	59
BG	1	2	1		19
CZ	3				24
DK	3	11	8		70
DE	14	54		26	361
EE	1				9
IE	16	2			18
EL	5				43
ES	36	11	10	10	117
FR	1	12	17	15	112
IT	8	4	4	4	135
CY					8
LV	7	2			10
LT	6			1	2
LU	7	15		4	61
HU	8		1	1	8
MT					16
NL		12		3	42
AT				3	245
PL	12		1	2	14
PT					13
RO		1	2		180
SI	3	1			14
SK					14
FI		1		2	23
SE	28		3	5	44
UK	14	33	14	10	396
HR				1	4
MK		1			
TR	1	20		2	72
IS		10			1
NO			2		11
CH	13			5	187
LI					6

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	2005	2007	2008	2009	% CHANGE '08/'09
EU-27	65 715		47 546	61 625	61 137	61 491	0.6
EU-15	43 444		33 062	47 314	47 197	47 323	0.3
EU-12	22 271	17 460	14 484	14 311	13 940	14 168	1.6
BE	1 727	1 670	1 518	1 449	1 403	1 341	-4.4
BG	1 119	762	669	699	713	712	-0.1
CZ		3 596	3 163	2 921	2 758	2 746	-0.4
DK	524	415	464	447	448	538	20.1
DE	14 437	9 656	7 742	13 890	14 565	15 337	5.3
EE	300	194	170	190	98	76	-22.4
IE	166	172	412	428	549	572	4.2
EL	400	244	289	295	301	301	0.0
ES	1 922	1 693	1 946	1 918	1 983	1 670	-15.8
FR	7 279	7 158	7 354	7 155	7 050	6 758	-4.1
IT	4 818	4 697	4 674	4 683	4 621	4 691	1.5
CY	-	-	-	-	-	-	
LV	739	433	358	346	197	196	-0.5
LT	389	419	365	368	356	317	-11.0
LU	97	124	145	149	159	157	-1.3
HU	2 040	1 453	1 385	1 413	1 428	1 458	2.1
MT	-	-	-	-	-	-	
NL	2 372	1 965	2 078	2 033	2 079	2 027	-2.5
AT	1 543	1 530	1 500	1 725	1 668	1 660	-0.5
PL	6 801	5 293	4 723	4 581	4 617	4 590	-0.6
PT	530	589	439	433	431	436	1.2
RO	4 515	3 440	2 186	2 262	2 290	2 649	15.7
SI	358	300	261	273	267	269	0.7
SK		1 570	1 204	1 258	1 216	1 155	-5.0
FI	669	735	702	694	662	641	-3.2
SE	1 350	887	622	648	639	632	-1.1
UK	5 610		3 177	11 367	10 639	10 562	-0.7
HR	563	480	377	339	345	347	0.6
MK	92	101	73	72	72	67	-6.9
TR	897	849	735	724	613	660	7.7
IS	-	-	-	-	-	-	
NO	502	299	289	223	223	207	-7.2
CH	1 254	1 528	2 198	2 272	2 278	2 265	-0.6

Notes: Data relate to main railways (UIC members).

Rail

PASSENGER TRANSPORT VEHICLES

STOCK OF COACHES, RAILCARS AND TRAILERS

	1990	2000	2005	2007	2008	2009	% CHANGE '08/'09
EU-27			98 929	95 770	99 552	102 320	2.8
EU-15			75 305	73 318	76 487	79 811	4.3
EU-12		30 818	23 624	23 452	23 065	22 509	-2.4
BE	3 286	3 494	3 251	3 275	3 201	3 412	6.6
BG	2 386	2 099	1 558	1 550	1 599	1 602	0.2
CZ		5 252	4 895	4 566	4 561	4 553	-0.2
DK	1 594	1 590	1 473	1 473	1 523	1 737	14.1
DE	24 139	21 097	20 169	17 537	18 671	18 607	-0.3
EE	596	241	183	189	189	189	0.0
IE	314	421	581	581	649	592	-8.8
EL	810	505	564	781	793	793	0.0
ES	3 839	3 765	5 239	4 860	5 075	5 253	3.5
FR	15 748	15 656	15 879	15 863	16 255	16 524	1.7
IT	14 025	11 914	10 066	10 174	9 825	12 474	27.0
CY	-	-	-	-	-	-	
LV	1 226	702	490	491	491	491	0.0
LT	664	563	467	423	363	340	-6.3
LU	114	149	185	191	187	187	0.0
HU	4 385	3 232	2 787	3 372	3 253	3 071	-5.6
MT	-	-	-	-	-	-	
NL	2 268	2 742	852	833	2 818	2 531	-10.2
AT	3 689	3 468	3 112	2 978	3 010	2 995	-0.5
PL	11 928	9 761	7 725	7 255	7 224	6 945	-3.9
PT	1 232	1 303	1 125	1 060	1 051	1 043	-0.8
RO	6 352	6 234	3 310	3 462	3 314	3 312	-0.1
SI	606	461	401	373	362	360	-0.6
SK		2 273	1 808	1 771	1 709	1 646	-3.7
FI	957	1 003	1 084	1 024	1 035	1 033	-0.2
SE	1 747	1 000	791	792	879	879	0.0
UK			10 934	10 896	11 515	11 751	2.0
HR	1 052	720	579	552	553	523	-5.4
MK	175	164	125	124	124	110	-11.3
TR	1 443	1 415	1 312	1 319	1 304	1 313	0.7
IS	-	-	-	-	-	-	
NO	900	918	191	191	191	191	0.0
CH	4 136	3 333	4 293	4 491	4 470	4 470	0.0

Notes: Data relate to main railways (UIC members).

Rail

GOODS TRANSPORT WAGONS

STOCK OF VEHICLES

	1990	2000	2004	2005	2007 (*)	2008 (*)	2009 (*)
EU-27							
EU-15	825 398						
EU-12	516 764	421 261	293 729	282 394	224 743	216 756	212 972
BE	30 332	18 790	18 782	17 375	10 616	9 573	11 612
BG	42 459	29 720	16 382	16 511	12 417	12 825	12 743
CZ		58 524	44 805	44 545	32 809	31 656	29 194
DK	4 632	2 236					
DE	366 724	189 558	237 313	158 247	95 595	119 916	113 657
EE		5 857	20 352	18 971	3 353	2 905	2 982
IE	1 830	1 856	833	926	891	891	
EL	10 967	3 453	3 497	3 491	3 568	4 763	
ES	37 687	26 452	25 542	23 842	15 524	14 973	12 447
FR	148 100	94 789	99 372	95 738	31 589	31 845	29 028
IT	99 728	70 115	54 598	45 730	41 477	40 819	38 500
CY	-	-	-	-	-	-	-
LV	11 085	9 146	8 706	8 871	5 256	5 228	6 043
LT	12 860	13 155	13 134	13 192	9 486	9 648	9 561
LU	2 719	2 626	3 206	3 222	3 526	3 836	3 895
HU		23 528	19 783	19 130	11 719	11 766	11 700
MT	-	-	-	-	-	-	-
NL	6 697	4 700					
AT	34 330	23 970	22 262	22 655	18 473	30 526	27 147
PL	275 582	130 116	76 785	75 164	73 993	74 408	72 725
PT	4 579	4 162	3 544	3 495	2 953	3 043	
RO	166 086	117 982	64 299	65 175	53 616	46 863	46 878
SI	8 692	6 258	4 627	4 465	3 979	3 921	3 905
SK		26 975	24 856	16 370	18 115	17 536	17 241
FI	15 200	12 630	11 738	11 216	10 790	10 934	10 524
SE	27 470	17 596	13 649	13 649			
UK	34 403					8 284	
HR	13 720	9 986	7 376	7 330	6 781	6 632	5 857
MK			1 501	1 525	1 498	1 498	1 323
TR	21 941	17 872	16 004	17 499	17 041	17 079	17 607
IS	-	-	-	-	-	-	-
NO							
CH	27 104	19 894	18 917	18 339	10 464	11 516	9 142

Notes: Data relate to main railways (UIC members).

(*) Not including private-owners' vehicles;
not fully comparable with data of previous years.

Source: Union Internationale des Chemins de Fer,
national statistics (own estimates *in italics*)

Road Fatalities

	1990	2000	2001	2005	2007	2008	2009	CHANGE '08/'09	% CHANGE '01/'09
EU-27	75 977	56 427	54 314	45 126	42 499	38 877	34 826	-10.4	-35.9
EU-15	55 888	41 421	40 266	31 379	28 280	25 430	23 465	-7.7	-41.7
EU-12	20 089	15 006	14 048	13 747	14 219	13 447	11 361	-15.5	-19.1
BE	1 976	1 470	1 486	1 089	1 071	944	955	1.2	-35.7
BG	1 567	1 012	1 011	957	1 006	1 061	901	-15.1	-10.9
CZ	1 291	1 486	1 334	1 286	1 221	1 076	901	-16.3	-32.5
DK	634	498	431	331	406	406	303	-25.4	-29.7
DE	11 046	7 503	6 977	5 361	4 949	4 477	4 152	-7.3	-40.5
EE	436	204	199	169	196	132	98	-25.8	-50.8
IE	478	418	412	396	338	280	240	-14.3	-41.7
EL	2 050	2 037	1 880	1 658	1 612	1 555	1 453	-6.6	-22.7
ES	9 032	5 777	5 517	4 442	3 823	3 100	2 714	-12.5	-50.8
FR	11 215	8 079	8 162	5 318	4 620	4 275	4 273	0.0	-47.6
IT	7 151	7 061	7 096	5 818	5 131	4 731	4 237	-10.4	-40.3
CY	116	111	98	102	89	82	71	-13.4	-27.6
LV	947	635	558	442	419	316	254	-19.6	-54.5
LT	933	641	706	773	739	499	370	-25.9	-47.6
LU	70	76	70	46	46	35	47	34.3	-32.9
HU	2 432	1 200	1 239	1 278	1 232	996	822	-17.5	-33.7
MT	4	15	16	17	14	15	21	40.0	31.3
NL	1 376	1 082	993	750	709	677	644	-4.9	-35.1
AT	1 391	976	958	768	691	679	633	-6.8	-33.9
PL	7 333	6 294	5 534	5 444	5 583	5 437	4 572	-15.9	-17.4
PT	2 646	1 877	1 670	1 247	974	885	840	-5.1	-49.7
RO	3 782	2 466	2 461	2 461	2 800	3 061	2 796	-8.7	13.6
SI	517	314	278	258	293	214	171	-20.1	-38.5
SK	731	628	614	560	627	558	384	-31.2	-37.5
FI	649	396	433	379	380	344	279	-18.9	-35.6
SE	772	591	583	440	471	397	358	-9.8	-38.6
UK	5 402	3 580	3 598	3 336	3 059	2 645	2 337	-11.6	-35.0
HR	1 360	655	647	597	619	664	548	-17.5	-15.3
MK		162	107	143	173	162	160	-1.2	49.5
TR	6 317	5 510	4 386	4 505	5 007	4 236	4 300	1.5	-2.0
IS	24	32	24	19	15	12	17	41.7	-29.2
NO	332	341	275	224	233	255	212	-16.9	-22.9
CH	954	592	544	409	384	357	349	-2.2	-35.8

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. BE: 2009 provisional.

Road Fatalities Country Rankings

FATALITIES

2009					
per million inhabitants		per 10 billion pkm		per million passenger cars	
UK	38	UK	34	UK	80
SE	39	SE	36	SE	83
NL	39	FI	43	NL	85
DE	51	NL	43	MT	90
MT	51	DE	46	DE	100
FI	52	IE	49	FI	102
IE	54	IT	54	IT	117
DK	55	DK	57	ES	123
ES	59	FR	58	IE	124
FR	68	SI	68	FR	137
IT	70	LU	69	LU	142
EU-27	70	EU-27	71	DK	144
SK	71	ES	75	AT	146
EE	73	BE	85	EU-27	148
AT	76	AT	86	CY	157
PT	79	EE	92	SI	163
HU	82	MT	93	EE	179
SI	84	PT	96	BE	185
CZ	86	LT	101	PT	190
BE	88	CY	116	CZ	203
CY	89	CZ	119	LT	220
LU	94	EL	136	SK	245
LT	111	SK	142	HU	271
LV	113	LV	148	LV	277
BG	119	PL	158	PL	281
PL	120	BG	191	EL	286
EL	129	HU	194	BG	370
RO	130	RO	358	RO	676

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 2.7.1 for 2009.

pkm: indicator of traffic volume (in the absence of consistent vehicle-kilometre data); passenger-kilometres of cars indicated in table 2.3.4 for 2009 plus (mostly estimated) passenger-kilometres of motorised two-wheelers.

Inhabitants: the sum of the population indicated in table 1.5 at 1 January 2009 and 1 January 2010 divided by two.

Passenger cars: the sum of the stock of vehicles indicated in table 2.6.2 for 2008 and 2009 divided by two.

Road Fatalities BY TYPE OF USER

	YEAR	TOTAL	DRIVER	PASSENGER	PEDESTRIAN	OTHER/ NOT SPECIFIED	PEDESTRIAN AS A % OF TOTAL
BE	2008	944	692	151	99	2	10.5
BG							
CZ	2009	901	544	180	176	1	19.5
DK	2009	303	198	53	52	0	17.2
DE	2009	4 152	2 938	623	591	0	14.2
EE	2009	98	49	26	23	0	23.5
IE	2008	280	171	60	49	0	17.5
EL	2009	1 456	964	290	202	0	13.9
ES	2009	2 714	1 692	563	459	0	16.9
FR	2008	4 275	2 977	750	548	0	12.8
IT	2008	4 731	3 297	779	648	7	13.7
CY	2004	117	78	21	18	0	15.4
LV	2009	254	115	57	82	0	32.3
LT							
LU	2008	35	27	2	6	0	17.1
HU	2009	822	490	146	186	0	22.6
MT	2009	15	8	3	4	0	26.7
NL	2009	644	488	92	63	1	9.8
AT	2009	633	420	112	101	0	16.0
PL	2009	4 572	2 166	939	1 467	0	32.1
PT	2008	885	561	169	155	0	17.5
RO	2009	2 796	1 055	726	1 015	0	36.3
SI	2009	171	110	36	24	1	14.0
SK	2009	384	178	93	113	0	29.4
FI	2009	279	183	66	30	0	10.8
SE	2008	397	285	62	44	6	11.1
UK	2009	2 337	1 383	430	524	0	22.4

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	OTHER NOT MOTORIZED	OTHER NOT SPECIFIED OR UNKNOWN
BE	2008	845	479	2	25	40	108	32	86	3	0	0	70
BG													
CZ	2009	725	497	3	20	25	85	9	84	1	1	0	0
DK	2009	251	164	0	3	16	27	15	25	0	0	1	0
DE	2009	3561	2110	11	79	85	650	99	462	18	18	3	26
EE	2009	75	54	2	6	0	2	3	7	0	0	0	1
IE	2008	231	160	0	4	16	29	0	13	0	0	0	9
EL	2009	75	54	2	6	0	2	3	7	0	0	0	1
ES	2009	2245	1260	21	69	170	437	156	57	22	4	0	49
FR	2008	3727	2205	20	76	134	817	291	148	11	0	0	25
IT	2008	4083	2116	11	45	40	1086	294	288	23	22	6	152
CY	2004	99	37	0	0	0	24	11	2	0	25	0	0
LV	2008	211	167	1	3	2	14	4	15	2	1	0	2
LT													
LU	2008	29	20	0	0	0	9	0	0	0	0	0	0
HU	2009	636	386	3	12	28	73	23	103	0	0	8	0
MT	2009	11	9	0	0	0	2	0	0	0	0	0	0
NL	2009	581	288	0	4	24	68	47	138	1	3	0	8
AT	2009	532	325	2	9	13	87	30	39	13	1	3	10
PL	2009	3105	2179	19	136	0	290	68	371	23	0	1	18
PT	2008	729	358	1	17	88	116	71	42	31	3	2	0
RO	2009	1781	1168	36	14	87	74	122	157	9	18	85	11
SI	2009	147	59	1	0	6	28	3	18	5	1	0	26
SK	2009	271	182	12	17	1	34	0	22	0	1	1	1
FI	2009	249	165	1	6	10	27	11	20	4	5	0	0
SE	2008	352	234	1	5	11	51	11	30	0	9	0	0
UK	2009	1813	1123	16	15	40	472	16	104	4	16	6	1

Notes: Persons deceased within 30 days of their accident.

Road Accidents

NUMBER OF ACCIDENTS INVOLVING PERSONAL INJURY

	thousand							%
	1990	1995	2000	2005	2007	2008	2009	CHANGE '08/'09
EU-27	1 487.61	1 420.352	1 491.223	1 326.302	1 301.936	1 239.113	1 189.863	-4.0
EU-15	1 342.80	1 269.186	1 343.887	1 165.078	1 134.740	1 075.757	1 040.639	-3.3
EU-12	144.81	151.166	147.336	161.224	167.196	163.356	149.224	-8.7
BE	62.45	50.744	49.065	49.307	43.239	42.115	40.700	-3.4
BG	6.48	7.435	6.886	8.224	8.010	8.045	7.068	-12.1
CZ	21.91	28.746	25.445	25.239	23.060	22.481	21.706	-3.4
DK	9.16	8.373	7.346	5.413	5.549	5.020	4.174	-16.9
DE	389.35	388.003	382.949	336.618	335.845	320.614	310.667	-3.1
EE	2.10	1.644	1.504	2.341	2.449	1.868	1.506	-19.4
IE	6.07	8.117	7.749	6.533	5.467	6.736	6.618	-1.8
EL	19.61	22.798	23.001	16.914	15.499	15.083	14.789	-1.9
ES	101.51	83.586	101.729	91.187	100.508	93.161	88.251	-5.3
FR	162.57	132.949	121.223	84.525	81.272	74.487	72.315	-2.9
IT	161.78	182.761	256.546	240.011	230.871	218.963	215.405	-1.6
CY	3.17	3.052	2.411	1.382	1.468	1.392	1.856	33.3
LV	4.33	4.056	4.482	9.310	9.865	8.894	6.721	-24.4
LT	5.14	4.144	5.807	6.772	6.448	4.796	3.827	-20.2
LU	1.22	1.145	0.899	0.775	0.954	0.927	0.869	-6.3
HU	27.80	19.817	17.493	20.777	20.634	19.174	17.863	-6.8
MT	0.24	0.969	1.253	0.848	0.942	0.764	0.636	-16.8
NL	44.89	42.641	42.271	27.007	25.819	23.708	19.378	-18.3
AT	46.34	38.956	42.126	40.896	41.096	39.173	37.925	-3.2
PL	50.53	56.904	57.331	48.100	49.536	49.054	44.195	-9.9
PT	45.11	48.339	44.463	37.066	35.311	33.613	35.484	5.6
RO	9.71	9.119	7.889	19.819	24.661	29.307	28.612	-2.4
SI	5.18	6.567	8.951	10.509	11.640	9.165	8.717	-4.9
SK	8.24	8.713	7.884	7.903	8.483	8.416	6.517	-22.6
FI	10.18	7.812	6.633	7.020	6.657	6.881	6.414	-6.8
SE	16.98	15.626	15.770	18.094	18.548	18.462	17.845	-3.3
UK	265.60	237.336	242.117	203.712	188.105	176.814	169.805	-4.0
HR	14.47	12.67	14.43	15.68	18.03	16.28	15.73	-3.4
MK	2.30		1.70		4.04			
TR	55.77	66.03	75.20					
IS	0.56	1.06	0.98	0.67	1.13	1.07	0.88	-18.2
NO	8.80	8.63	8.44	8.08	8.18	7.73	6.92	-10.4
CH	23.83	23.03	23.74	21.71	21.91	20.74	20.51	-1.1

Notes: The definition of an accident involving personal injury differs from country to country. BE: 2009 provisional.

Source: CARE; United Nations (Statistics of road traffic accidents), national statistics, estimates (*in italics*)

Railway Fatalities

NUMBER OF RAILWAY PASSENGERS KILLED IN ACCIDENTS INVOLVING RAILWAY

	1990	2000	2002	2003	2004	2005	2006	2007	2008	2009
EU-27						65	138	76	83	34
EU-15	165	117	121	91	75	51	36	54	28	20
EU-12						14	102	22	55	14
BE	0	3	0	4	1	0	2	9	0	0
BG			0	26	26	3	1	2	12	1
CZ		1	4	2	5	4	2	0	13	1
DK	1	3	2	0	0	0	0	0	0	2
DE	50	38	26	23	25	7	2	3	1	2
EE						0	0	0	0	0
IE	1	2	1	0	0	0	0	0	0	0
EL	0	20	4	0	0	0	3	0	1	0
ES	4	0	3	16	0	1	10	14	5	2
FR	30	15	24	7	6	5	11	9	10	7
IT	9	8	17	9	11	22	5	11	4	5
CY	-	-	-	-	-	-	-	-	-	-
LV						0	0	0	0	1
LT				0	0	0	0	0	0	0
LU	0	0	0	0	0	0	0	0	0	0
HU	33	11	12	9	8	6	3	8	10	0
MT	-	-	-	-	-	-	-	-	-	-
NL	2	0	0	0	0	0	0	0	0	0
AT	6	4	13	7	2	1	2	4	4	2
PL	21	20	16	11	15	0	10	11	7	1
PT	22	2	8	15	8	7	0	1	3	0
RO		0	4	0	1	1	86	1	12	8
SI		0	1	1	0	0	0	0	0	0
SK		0	2	2	2	0	0	0	1	2
FI	0	2	0	0	2	0	1	0	0	0
SE	3	0	0	0	2	0	0	0	0	0
UK	37	20	23	10	18	8	0	3	0	0
HR				5	5	1	0	3	0	11
MK						0	0	0	2	2
TR	17	9	7	8	46	10	6	1	9	7
IS	-	-	-	-	-	-	-	-	-	-
NO	4	32	0	0	0	0	0	1	0	0
CH	8	2	4	9	1	3	0	0	0	2

Air LIVES LOST

PERIOD	Lives lost over EU-27 territory by any operator	Lives lost by EU-27 operators anywhere
1990	0	47
1991	41	278
1992	154	143
1993	16	16
1994	9	5
1995	133	121
1996	20	4
1997	71	1
1998	19	62
1999	46	66
2000	113	113
2001	122	125
2002	101	25
2003	5	5
2004	0	0
2005	144	125
2006	5	6
2007	0	1
2008	154	154
2009	9	228
2010	2	2
1970-1979/yr.	312	328
1980-1989/yr.	179	128
1990-1999/yr.	51	77
2000-2009/yr.	65	78

Notes: Onboard fatalities, and only those in aircraft with a take-off mass above 5 701 kg. Data include fatalities from Commercial Air Transport (passenger, cargo, air taxi, ferry/positioning and emergency medical service) and fatalities from General Aviation (only 'Business' flights).

Sea SHIPS LOST

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	11	35	9	397	70	294
2007	6	34	11	197	70	311
2008	9	105	7	105	55	259

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

PART 3

ENERGY AND ENVIRONMENT



PART 3

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 3600 kJ/kWh.

Geothermal energy:

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

Biomass / Wastes:

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

Pumping, pumped storage:

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

Renewable Energy Sources (RES):

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

Tonne of oil equivalent (toe):

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

1 ktoe = 1 000 toe

1 Mtoe = 1 000 000 toe

Average Calorific Values – Energy Content

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

3.1.3

Conversion Factors

ENERGY

FROM:	TO:	TJ	Gcal	Mtoe	GWh
TJ		1	238.8	2.388×10^{-5}	0.2778
Gcal		4.1868×10^{-3}	1	1×10^{-7}	1.163×10^{-3}
Mtoe		4.1868×10^4	1×10^7	1	11 630
GWh		3.6	860	8.6×10^{-5}	1

VOLUME

FROM:	TO:	Barrel	Litre	U.S. gallon	U.K. gallon
Barrel		1	158.99	42	34.9723
Litre		0.6290×10^{-2}	1	0.2642	0.2200
US gallon		0.2381×10^{-1}	3.7854	1	0.8327
UK gallon		0.2859×10^{-1}	4.5461	1.2009	1

MASS

FROM:	TO:	Tonne	Long ton	Short ton
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 (μ)
10^9	giga (G)	10^{-9}	nano (n)
10^{12}	tera (T)	10^{-12}	pico (p)
10^{15}	peta (P)	10^{-15}	femto (f)
10^{18}	exa (E)	10^{-18}	atto (a)

Energy Statistics for EU-27

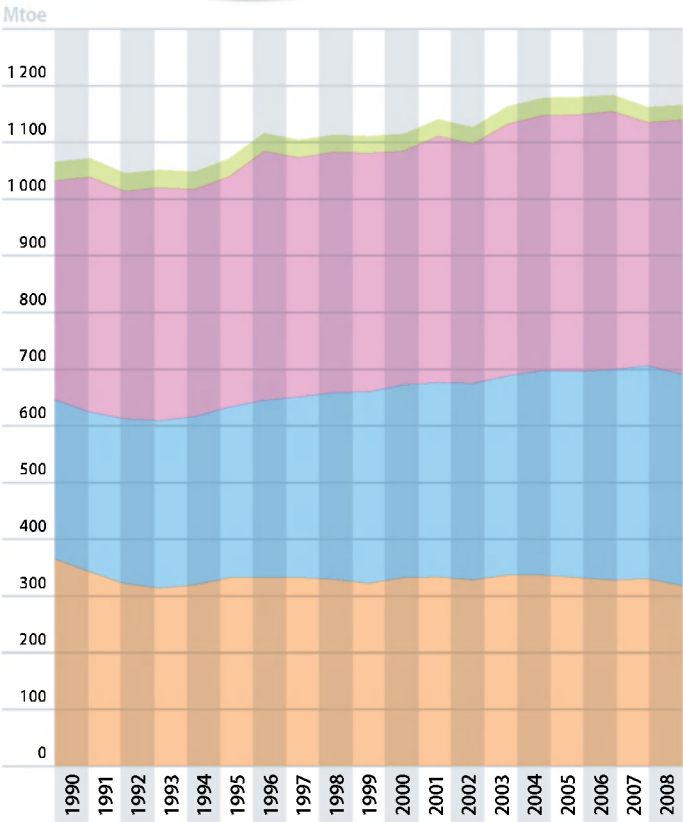
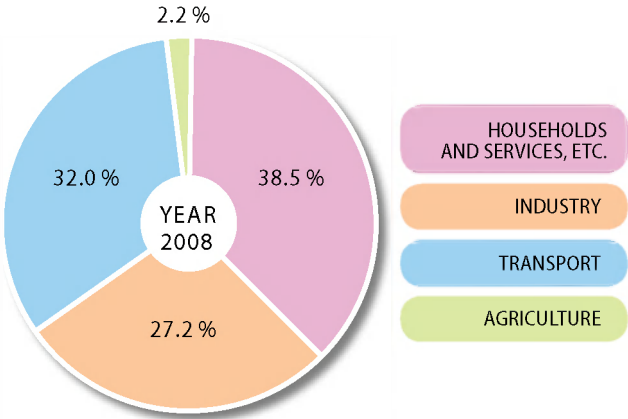
	Mtoe	1990	1995	2000	2005	2007	2008
Production		937.30	951.14	942.23	898.63	858.90	852.59
Solid fuels		366.48	277.81	213.45	194.61	185.65	178.20
Oil		131.37	172.30	174.31	134.23	122.00	114.32
Gas		162.45	189.38	207.84	188.68	167.22	168.12
Nuclear		202.61	223.03	243.76	257.36	241.26	241.76
Renewables		72.12	84.49	97.95	120.06	140.46	148.13
Industrial waste		2.28	4.13	4.91	3.69	2.31	2.06
Net Imports		756.12	738.32	826.73	986.47	988.83	1014.95
Solid fuels		81.88	79.01	98.56	126.96	136.45	137.52
Oil		535.65	512.23	533.66	600.20	587.86	598.36
Gas		135.12	145.29	192.53	257.37	260.80	274.49
Electricity		3.32	1.51	1.69	0.97	0.90	1.42
Renewables		0.15	0.29	0.30	0.97	2.82	3.16
Derived heat			0.00	0.00	0.00	0.00	0.00
Gross Inland Consumption		1661.37	1663.44	1724.24	1825.24	1807.79	1799.29
Solid fuels		452.95	363.93	320.68	318.36	329.05	306.32
Oil		632.81	652.36	661.24	677.91	658.62	655.93
Gas		294.91	333.70	393.72	446.00	432.54	440.75
Nuclear		202.61	223.03	243.76	257.36	241.26	241.76
Renewables		72.49	84.78	98.24	120.95	143.10	151.05
Other (****)		5.60	5.64	6.60	4.66	3.22	3.48
Elec. Generation (TWh)		2583.72	2732.59	3020.94	3310.40	3367.69	3374.18
Coal (TWh)		927.69	948.73	926.90	969.25	961.62	901.27
Oil (TWh)		214.75	223.26	179.91	139.12	110.03	104.50
Gas (TWh)		215.93	294.46	511.78	693.33	768.36	808.28
Nuclear (TWh)		794.88	881.82	944.99	997.70	935.28	937.24
Renewables (TWh) (*)		310.07	356.16	422.42	465.41	524.77	567.10
Other (TWh) (***)		120.41	28.16	34.94	45.59	67.64	55.80
Final Energy Consumption by fuel/product		1067.69	1073.39	1117.23	1182.40	1164.83	1168.63
Solid fuels		125.52	85.38	64.04	56.31	56.54	55.27
Oil		445.34	459.09	480.93	498.67	484.00	484.35
Gas		227.40	246.50	265.59	284.21	268.50	269.12
Electricity		184.07	193.33	216.39	237.57	244.50	245.53
Renewables		36.64	41.97	47.30	54.90	64.44	67.93
Derived heat & Industrial waste		48.72	47.11	42.99	50.74	46.85	46.43
by sector							
INDUSTRY		365.57	332.12	332.42	332.26	330.62	317.89
TRANSPORT		281.40	301.88	341.00	364.71	376.83	374.27
HOUSEHOLDS		262.79	279.01	285.39	306.60	284.56	296.69
AGRICULTURE		33.06	31.57	29.90	30.93	26.93	26.29
SERVICES, ETC.		124.88	128.80	128.52	147.90	145.89	153.50
Non-Energy Uses		99.01	106.73	110.16	113.66	115.75	113.95
CO₂ Emissions (Mt) (**)		4575	4346	4356	4528	4489	4396
Energy intensity (toe/M€'00)		233	209	187	181	169	167
CO₂ intensity (tCO₂/toe)		2.75	2.61	2.53	2.48	2.48	2.44
Import dependency, %		44.6	43.5	46.8	52.6	53.1	54.8

Notes: (*) not including pumping; (**) Source: European Environment Agency, August 2010; Including Bunkers; (***) Pumped Storage Plants and Other Power Stations; (****) Electrical Energy and Industrial Waste.

Final Energy Consumption BY SECTOR 2008 (Mtoe)

	ALL SECTORS	INDUSTRY	TRANSPORT	Road	Railways	Air	Inland navigation	HOUSEHOLDS, SERVICES, ETC.	Households	Agriculture	Services, etc.
EU-27	1168.6	317.9	374.3	304.2	9.3	54.3	6.5	476.5	296.7	26.3	153.5
Share	100.0%	27.2%	32.0%	81.3%	2.5%	14.5%	1.7%	40.8%	62.3%	5.5%	32.2%
BE	37.6	12.0	11.2	8.9	0.2	2.0	0.1	14.3	8.8	0.6	4.9
BG	9.6	3.5	2.8	2.6	0.1	0.2		3.2	2.1	0.2	0.9
CZ	25.4	9.1	6.5	5.8	0.3	0.4	0.0	9.8	5.8	0.5	3.5
DK	15.5	2.8	5.5	4.3	0.1	0.9	0.1	7.3	4.5	0.9	1.9
DE	224.0	60.4	61.4	50.1	1.9	9.2	0.3	102.1	68.2	1.0	33.0
EE	3.0	0.8	0.8	0.7	0.0	0.0	0.0	1.5	1.0	0.1	0.4
IE	13.2	2.5	5.4	4.4	0.0	1.0	0.0	5.3	3.2	0.3	1.8
EL	21.2	4.2	8.5	6.5	0.1	1.3	0.6	8.4	5.1	1.1	2.2
ES	95.4	26.8	40.2	32.1	1.0	5.8	1.3	28.5	15.7	2.7	10.0
FR	156.3	36.3	50.5	41.5	1.3	7.3	0.3	69.5	42.7	4.1	22.7
IT	128.2	36.6	43.9	37.4	1.0	4.1	1.4	47.8	27.4	3.3	17.1
CY	2.0	0.4	1.0	0.7		0.3		0.6	0.3	0.0	0.3
LV	4.2	0.7	1.3	1.1	0.1	0.1	0.0	2.2	1.5	0.1	0.6
LT	4.9	1.0	1.8	1.6	0.1	0.1	0.0	2.1	1.4	0.1	0.6
LU	4.3	0.9	2.6	2.2	0.0	0.4		0.8	0.7	0.0	0.1
HU	17.0	3.4	4.8	4.4	0.2	0.3		8.9	5.6	0.5	2.8
MT	0.5	0.0	0.3	0.2		0.1		0.1	0.1	0.0	0.1
NL	51.2	13.1	15.8	11.7	0.2	3.8	0.2	22.3	9.8	3.2	9.3
AT	27.0	8.8	8.4	7.4	0.3	0.7	0.0	9.7	6.5	0.6	2.7
PL	61.8	16.6	15.8	14.9	0.4	0.5	0.0	29.4	18.5	3.6	7.3
PT	18.3	5.6	7.3	6.2	0.1	1.0	0.0	5.4	3.1	0.4	2.0
RO	24.9	9.2	5.2	4.6	0.3	0.2	0.1	10.4	8.1	0.3	2.1
SI	5.2	1.5	2.1	2.0	0.0	0.0		1.7	1.1	0.1	0.5
SK	10.7	4.3	2.2	2.0	0.0	0.1		4.2	2.1	0.1	1.9
FI	25.9	12.5	5.0	3.9	0.1	0.7	0.2	8.5	5.0	0.8	2.6
SE	32.8	12.3	9.1	7.8	0.2	1.0	0.1	11.5	6.6	0.7	4.1
UK	148.6	32.8	54.9	39.4	1.4	12.5	1.6	60.9	42.1	0.9	18.0
HR	6.6	1.7	2.1	1.9	0.1	0.1	0.0	2.8	1.8	0.3	0.7
MK	1.8	0.6	0.4	0.4	0.0	0.0		0.7	0.5	0.0	0.2
TR	71.9	19.7	16.3	13.5	0.2	2.1	0.5	35.9	22.6	5.0	8.3
IS											
NO	18.9	6.8	5.1	3.5	0.1	0.7	0.8	7.0	3.8	0.7	2.5
CH	21.8	4.1	7.5	5.8	0.3	1.5	0.0	10.2	6.0	0.1	4.0

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



Notes: Renewables not including Electricity.

Final Consumption of Petrol, Diesel and Biofuels for Transport – BY FUEL 2008 (ktoe)

	TOTAL FINAL CONSUMPTION OF PETROL AND DIESEL FOR TRANSPORT	Motor Spirit	Gas Diesel/Oil	BIOFUELS	Biogasoline	Biodiesel	Other liquid biofuels (*)
EU-27	296454	100702	195752	10077	1792	8189	95
BE	8867	1531	7336	101	12	89	
BG	2184	630	1555	4		2	2
CZ	5679	2067	3612	111	35	75	
DK	4483	1811	2672	5	5		
DE	47525	20968	26557	3083	397	2685	
EE	762	337	424				
IE	4401	1792	2609	53	16	35	3
EL	6779	4236	2543	69		69	
ES	33271	6467	26804	610	92	517	
FR	39559	8710	30849	2291	412	1879	
IT	35835	11370	24465	723	58	665	
CY	666	392	274	14		14	
LV	1147	389	758	2		2	
LT	1450	431	1020	61	15	46	
LU	2122	431	1691	37	1	36	
HU	4229	1568	2661	165	46	118	
MT	178	74	105				
NL	11262	4364	6898	287	108	179	
AT	6975	1742	5233	419	59	275	85
PL	12704	4197	8506	441	126	310	5
PT	6046	1566	4480	128		128	
RO	4768	1576	3192	107		107	
SI	1976	673	1303	22		22	
SK	1914	655	1259	126	26	101	
FI	4049	1645	2404	75	66	10	
SE	7431	3537	3894	352	214	138	
UK	40192	17543	22649	790	104	686	
HR	1914	714	1201	2		2	
MK	339	124	215	10		10	
TR	11601	2447	9154	64	18	46	
IS							
NO	4095	1401	2694	76		76	
CH	5769	3550	2219	12	2	10	

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

Biofuels Production

BY FUEL 2008 (ktoe)

	TOTAL	Biogasoline	Biodiesel	Other liquid biofuels (*)
EU-27	10 204	1 511	7 118	1 575
BE	289	10	252	27
BG	11		9	2
CZ	105	39	66	
DK	89		81	8
DE	4 455	400	2 808	1 247
EE				
IE	21		19	3
EL	63		63	
ES	369	174	194	
FR	1 952	377	1 575	
IT	671	58	597	17
CY	6		6	
LV	33	8	25	
LT	68	11	57	
LU				
HU	162	39	123	
MT				
NL	122	5	73	44
AT	279	45	122	112
PL	296	59	232	5
PT	149		149	
RO	163		163	
SI	7		7	
SK	139	38	101	
FI	10		10	
SE	463	214	138	112
UK	283	35	248	
HR	4		4	
MK	10		10	
TR	64	18	46	
IS				
NO				
CH	12	2	10	

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

3.2

3.2.1

Total Greenhouse Gas Emissions (GHG) (*)

MILLION TONNES CO₂ EQUIVALENT

	1990	1995	2000	2005	2007	2008
EU-27	5567.0	5214.7	5062.3	5116.7	5038.8	4939.7
BE	143.4	149.6	144.6	141.5	130.2	133.3
BG	117.4	88.8	69.3	70.7	75.9	73.5
CZ	195.2	153.5	147.5	145.4	147.5	141.4
DK	68.9	76.3	68.3	63.8	66.8	63.8
DE	1231.8	1101.3	1024.7	977.6	957.3	958.1
EE	40.8	20.9	18.2	19.4	22.1	20.3
IE	54.8	58.5	67.8	68.8	67.6	67.4
EL	103.3	107.9	124.9	132.8	131.9	126.9
ES	285.1	315.0	380.8	435.1	438.7	405.7
FR	563.2	557.0	557.1	556.5	530.2	527.0
IT	517.0	529.4	549.8	572.6	552.6	541.5
CY	5.3	6.7	9.1	9.6	9.9	10.2
LV	26.8	12.6	10.2	11.4	12.3	11.9
LT	49.7	21.9	19.4	23.0	25.5	24.3
LU	13.1	10.4	9.9	13.3	12.8	12.5
HU	97.4	78.7	77.1	79.8	75.7	73.1
MT	2.0	2.4	2.6	2.9	3.0	3.0
NL	212.0	224.5	214.6	212.4	206.9	206.9
AT	78.2	79.8	80.3	92.9	87.0	86.6
PL	453.3	440.3	390.2	390.0	399.9	395.6
PT	59.3	70.0	81.3	86.6	79.9	78.4
RO	242.1	180.5	136.2	149.5	152.6	145.9
SI	18.5	18.5	18.8	20.2	20.6	21.3
SK	73.9	53.3	49.2	50.1	47.7	48.8
FI	70.4	70.8	69.1	68.4	78.1	70.1
SE	72.4	74.3	68.9	67.7	66.2	64.0
UK	771.7	712.0	672.6	654.7	640.0	628.2
HR	31.4	22.9	25.9	30.4	32.3	31.1
MK						
TR	187.0	237.5	297.0	329.9	380.0	366.5
IS	3.4	3.2	3.8	3.7	4.5	4.9
NO	49.7	49.7	53.3	53.6	55.1	53.7
CH	53.0	51.3	51.9	54.0	51.6	53.2

Notes: (*) Excluding international bunkers and 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 (CO₂), methane (CH₄), nitrous oxide (N₂O), sulphur hexafluoride (SF₆), hydrofluorocarbons (HFC), perfluorocarbons (PFC).

GHG Emissions (*) from Transport

MILLION TONNES CO₂ EQUIVALENT

INCLUDING INTERNATIONAL BUNKERS						
	1990	1995	2000	2005	2007	2008
EU-27	953.8	1029.2	1161.3	1259.3	1292.7	1271.4
BE	36.9	38.4	45.4	54.8	59.6	61.1
BG	12.8	8.4	6.3	8.9	8.9	9.3
CZ	8.1	10.2	13.2	19.0	20.4	19.9
DK	15.6	19.1	19.0	18.5	20.5	19.8
DE	184.2	199.2	209.1	192.6	189.3	189.0
EE	3.2	1.9	2.1	2.7	3.4	3.2
IE	6.3	7.8	13.1	15.8	17.8	17.3
EL	25.4	30.9	33.6	33.7	36.8	35.2
ES	72.5	83.2	114.0	138.1	147.6	142.2
FR	135.5	146.6	160.8	164.1	164.0	156.5
IT	111.5	123.5	134.7	143.5	147.1	142.4
CY	1.7	2.2	2.8	3.7	3.7	3.6
LV	4.8	2.6	2.3	4.1	4.7	4.6
LT	6.5	3.7	3.6	4.8	5.8	5.7
LU	3.1	4.0	5.7	8.3	7.9	8.0
HU	8.7	7.5	9.5	12.9	13.6	13.7
MT	0.3	0.4	0.5	2.6	3.3	3.5
NL	65.5	72.9	85.5	100.4	98.2	96.2
AT	14.9	17.3	20.9	27.0	26.1	24.8
PL	27.3	30.7	34.7	38.4	40.9	45.1
PT	13.0	16.1	22.8	23.5	23.9	23.9
RO	8.7	8.9	9.9	12.4	13.5	15.8
SI	2.8	3.8	3.8	4.5	5.5	6.5
SK	5.2	4.5	4.3	6.4	6.7	6.9
FI	15.7	14.0	16.0	16.7	17.5	16.8
SE	22.6	24.4	26.5	30.1	30.9	30.2
UK	141.0	146.9	161.4	171.8	175.1	170.4
HR	4.5	3.7	4.8	6.0	6.7	6.6
MK						
TR	26.3	33.3	35.5	41.3	51.8	50.2
IS	0.9	1.0	1.3	1.4	1.8	1.6
NO	13.4	15.2	16.9	17.7	19.0	18.6
CH	17.7	17.9	20.6	19.3	20.2	20.9

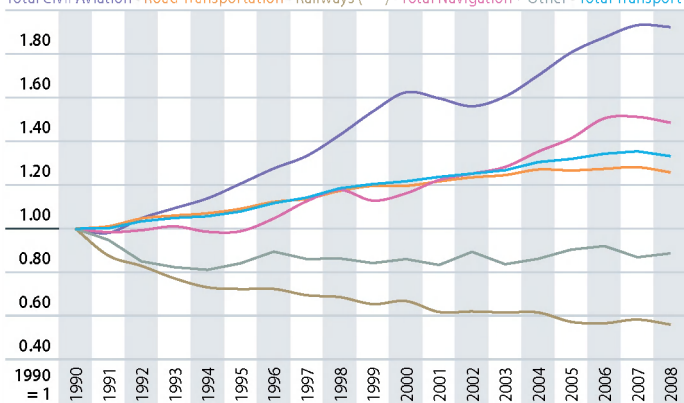
Notes: (*) Excluding LULUCF (Land Use, Land – Use Change and Forestry) emissions.

GHG Emissions from Transport - EU-27 BY MODE (MILLION TONNES CO₂ EQUIVALENT)

INCLUDING INTERNATIONAL BUNKERS

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (*)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS (***)	TOTAL NAVIGATION	Navigation (domestic) (*)	International Bunkers – Maritime Transport	OTHER TRANSPORTATION (****)	TOTAL TRANSPORT	TOTAL EMISSIONS (**)
1990	83.6	17.4	66.1	714.8	14.7	129.6	20.3	109.3	11.1	953.8	5742.5
1991	81.9	16.5	65.5	722.6	12.9	127.6	20.5	107.1	10.5	955.5	5640.1
1992	87.6	16.7	70.8	748.3	12.2	128.7	20.2	108.5	9.4	986.1	5457.5
1993	91.4	16.2	75.3	758.0	11.3	131.0	20.0	111.0	9.1	1000.8	5374.8
1994	95.2	15.8	79.4	765.4	10.7	127.8	19.9	107.8	9.0	1008.1	5346.2
1995	100.8	17.0	83.9	780.3	10.6	128.1	19.0	109.2	9.3	1029.2	5407.7
1996	106.7	18.3	88.3	802.9	10.6	135.7	19.6	116.1	9.9	1065.7	5425.7
1997	111.5	19.2	92.4	812.9	10.2	146.0	19.5	126.5	9.5	1090.1	5436.0
1998	119.5	20.1	99.5	839.1	10.1	152.7	20.3	132.4	9.6	1130.9	5400.9
1999	128.6	21.5	107.1	855.3	9.6	146.3	20.2	126.1	9.3	1149.1	5293.4
2000	135.9	22.2	113.7	855.5	9.8	150.6	18.4	132.2	9.5	1161.3	5308.2
2001	133.6	21.3	112.3	870.1	9.1	158.5	18.6	139.9	9.2	1180.5	5369.2
2002	130.6	20.3	110.2	883.2	9.1	162.4	18.1	144.2	9.9	1195.2	5263.3
2003	134.3	20.2	114.2	890.9	9.0	166.4	20.2	146.2	9.3	1209.9	5409.1
2004	142.4	20.7	121.7	909.0	9.0	175.5	20.4	155.1	9.5	1245.5	5425.2
2005	151.2	22.0	129.2	906.2	8.4	183.5	21.0	162.5	10.0	1259.3	5408.4
2006	157.0	22.3	134.7	911.3	8.3	195.3	22.4	172.9	10.2	1282.0	5400.4
2007	161.7	22.7	139.0	916.7	8.5	196.2	21.9	174.3	9.6	1292.7	5352.0
2008	161.0	22.0	138.9	899.7	8.2	192.7	22.1	170.7	9.8	1271.4	5249.4

Total Civil Aviation + Road Transportation + Railways (***) + Total Navigation + Other + Total Transport

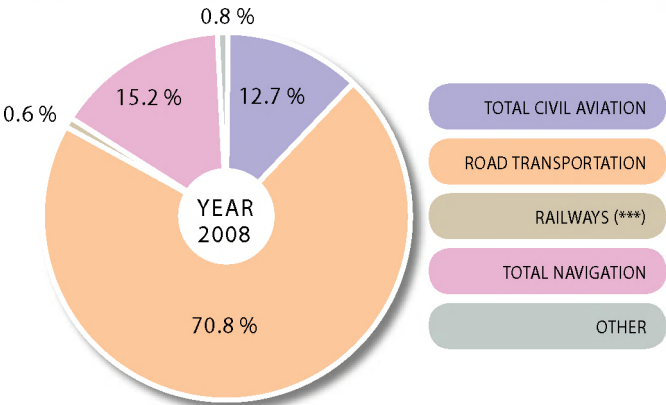


Notes: (*) Excluding international bunkers (international traffic departing from the EU); (**) Including International Bunkers but excluding LULUCF; (***) Excluding indirect emissions from electricity consumption; (****) Combustion emissions from all remaining transport activities including pipeline transportation, ground activities in airports and harbours, and off-road activities.

GHG Emissions from Transport - EU-27 BY MODE (SHARES %)

INCLUDING INTERNATIONAL BUNKERS

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (*)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS (***)	TOTAL NAVIGATION	Navigation (domestic) (*)	International Bunkers – Maritime Transport	OTHER TRANSPORTATION (****)	TOTAL TRANSPORT (*****)	TOTAL EMISSIONS (**)
1990	8.8	20.9	79.1	74.9	1.5	13.6	15.7	84.3	1.2	16.6	100
1991	8.6	20.1	79.9	75.6	1.3	13.3	16.1	83.9	1.1	16.9	100
1992	8.9	19.1	80.9	75.9	1.2	13.1	15.7	84.3	1.0	18.1	100
1993	9.1	17.7	82.3	75.7	1.1	13.1	15.3	84.7	0.9	18.6	100
1994	9.4	16.6	83.4	75.9	1.1	12.7	15.6	84.4	0.9	18.9	100
1995	9.8	16.8	83.2	75.8	1.0	12.5	14.8	85.2	0.9	19.0	100
1996	10.0	17.2	82.8	75.3	1.0	12.7	14.4	85.6	0.9	19.3	100
1997	10.2	17.2	82.8	74.6	0.9	13.4	13.4	86.6	0.9	20.1	100
1998	10.6	16.8	83.2	74.2	0.9	13.5	13.3	86.7	0.8	20.9	100
1999	11.2	16.7	83.3	74.4	0.8	12.7	13.8	86.2	0.8	21.7	100
2000	11.7	16.3	83.7	73.7	0.8	13.0	12.2	87.8	0.8	21.9	100
2001	11.3	16.0	84.0	73.7	0.8	13.4	11.7	88.3	0.8	22.0	100
2002	10.9	15.6	84.4	73.9	0.8	13.6	11.2	88.8	0.8	22.4	100
2003	11.1	15.0	85.0	73.6	0.7	13.8	12.1	87.9	0.8	22.4	100
2004	11.4	14.6	85.4	73.0	0.7	14.1	11.6	88.4	0.8	23.0	100
2005	12.0	14.6	85.4	72.0	0.7	14.6	11.4	88.6	0.8	23.3	100
2006	12.2	14.2	85.8	71.1	0.6	15.2	11.5	88.5	0.8	23.7	100
2007	12.5	14.0	86.0	70.9	0.7	15.2	11.2	88.8	0.7	24.2	100
2008	12.7	13.7	86.3	70.8	0.6	15.2	11.4	88.6	0.8	24.2	100



Notes: (*) Excluding international bunkers (international traffic departing from the EU); (**) Including International Bunkers but excluding LULUCF; (***) Excluding indirect emissions from electricity consumption; (****) Combustion emissions from all remaining transport activities including pipeline transportation, ground activities in airports and harbours, and off-road activities. (*****) Total Transport's share in Total Emissions.

GHG Emissions from Transport - 2008

BY MODE (MILLION TONNES CO₂ EQUIVALENT)

INCLUDING INTERNATIONAL BUNKERS

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (*)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic) (*)	International Bunkers – Maritime Transport	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (**)
EU-27	161.0	22.0	138.9	899.7	8.2	192.7	22.1	170.7	9.8	1271.4	5249.4
BE	4.1	0.0	4.1	26.9	0.1	29.8	0.5	29.3	0.1	61.1	166.7
BG	0.7	0.1	0.5	7.8	0.1	0.4		0.4	0.4	9.3	74.4
CZ	1.2	0.0	1.2	18.2	0.3	0.0	0.0		0.1	19.9	142.6
DK	2.8	0.2	2.7	13.1	0.2	3.6	0.5	3.2		19.8	69.7
DE	28.0	2.3	25.8	146.0	1.1	10.1	0.4	9.7	3.7	189.0	993.5
EE	0.1	0.0	0.1	2.2	0.1	0.9	0.1	0.8		3.2	21.1
IE	2.9	0.1	2.8	13.8	0.2	0.2	0.0	0.2	0.1	17.3	70.5
EL	3.9	1.3	2.6	19.4	0.1	11.8	1.9	9.9	0.0	35.2	139.4
ES	18.0	7.4	10.6	92.3	0.3	31.4	3.3	28.1	0.2	142.2	444.4
FR	22.1	4.6	17.4	122.2	0.6	11.0	2.8	8.2	0.6	156.5	552.6
IT	12.5	2.3	10.2	115.2	0.2	13.5	5.2	8.3	0.9	142.4	560.0
CY	0.9		0.9	2.3		0.4		0.4		3.6	11.5
LV	0.3	0.0	0.3	3.3	0.3	0.7	0.0	0.7		4.6	12.9
LT	0.2	0.0	0.2	4.9	0.2	0.3	0.0	0.3		5.7	24.9
LU	1.3	0.0	1.3	6.7	0.0	0.0	0.0	0.0		8.0	13.8
HU	0.8		0.8	12.7	0.2	0.0	0.0			13.7	74.0
MT	0.1	0.0	0.0	0.5		2.9	0.0	2.9		3.5	5.9
NL	11.2	0.0	11.2	35.2	0.1	49.7	0.6	49.1		96.2	267.1
AT	2.3	0.1	2.2	21.7	0.2	0.1	0.0	0.0	0.6	24.8	88.9
PL	1.7	0.1	1.6	40.6	0.4	0.9	0.0	0.8	1.6	45.1	398.0
PT	3.0	0.4	2.6	18.6	0.1	2.2	0.2	2.0		23.9	83.0
RO	0.9	0.0	0.9	14.0	0.5	0.3	0.1	0.2	0.0	15.8	147.0
SI	0.1	0.0	0.1	6.1	0.0	0.2		0.2		6.5	21.6
SK	0.1	0.0	0.1	6.6	0.1	0.0		0.0	0.0	6.9	49.0
FI	2.1	0.3	1.8	12.0	0.1	1.8	0.5	1.3	0.7	16.8	73.3
SE	3.0	0.6	2.4	19.4	0.1	7.6	0.5	7.1	0.2	30.2	73.4
UK	36.5	2.1	34.4	118.0	2.4	12.9	5.4	7.5	0.5	170.4	670.2
HR	0.4	0.1	0.3	5.9	0.1	0.2	0.1	0.1		6.6	31.5
MK											
TR	6.5	5.2	1.3	40.6	0.5	2.6	1.5	1.1		50.2	368.9
IS	0.5	0.0	0.4	0.9		0.3	0.1	0.2		1.6	5.5
NO	2.2	1.1	1.2	10.2	0.0	4.6	2.5	2.1	1.5	18.6	57.0
CH	4.4	0.1	4.3	16.3	0.0	0.1	0.1			20.9	57.5

Notes: (*) Excluding international bunkers (international traffic departing from the EU).

(**) Including International Bunkers but excluding LULUCF.

GHG Emissions from Transport - 2008

BY MODE (SHARES %)

INCLUDING INTERNATIONAL BUNKERS

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (*)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic) (*)	International Bunkers – Maritime Transport	OTHER TRANSPORTATION	TOTAL TRANSPORT (***)	TOTAL EMISSIONS (**)
EU-27	12.7	13.7	86.3	70.8	0.6	15.2	11.4	88.6	0.8	24.2	100
BE	6.8	0.2	99.8	44.0	0.2	48.8	1.7	98.3	0.2	36.6	100
BG	7.2	20.3	79.7	83.6	1.1	4.2		100.0	4.0	12.5	100
CZ	6.1	3.9	96.1	91.6	1.5	0.1	100.0		0.7	13.9	100
DK	14.3	5.9	94.1	66.1	1.2	18.4	12.7	87.3		28.4	100
DE	14.8	8.1	91.9	77.3	0.6	5.3	4.0	96.0	2.0	19.0	100
EE	2.8	2.3	97.7	67.9	2.6	26.7	7.0	93.0		15.1	100
IE	17.0	4.2	95.8	80.0	0.9	1.3	1.9	98.1	0.9	24.5	100
EL	11.1	32.5	67.5	55.0	0.4	33.4	16.2	83.8	0.0	25.3	100
ES	12.6	41.2	58.8	64.9	0.2	22.1	10.7	89.3	0.1	32.0	100
FR	14.1	21.0	79.0	78.1	0.4	7.0	25.4	74.6	0.4	28.3	100
IT	8.8	18.6	81.4	80.9	0.2	9.5	38.3	61.7	0.6	25.4	100
CY	25.2		100.0	64.5		10.3		100.0		31.5	100
LV	6.6	1.1	98.9	72.4	6.0	14.9	0.9	99.1		35.5	100
LT	4.2	1.9	98.1	86.2	4.1	5.4	6.3	93.7		23.0	100
LU	16.8	0.0	100.0	83.0	0.3	0.0	80.0	20.0		58.0	100
HU	6.1		100.0	92.5	1.4	0.0	100.0			18.6	100
MT	1.4	3.2	96.8	14.3		84.2	0.7	99.3		58.9	100
NL	11.7	0.4	99.6	36.6	0.1	51.6	1.3	98.7		36.0	100
AT	9.2	3.1	96.9	87.5	0.7	0.3	52.1	47.9	2.3	27.9	100
PL	3.7	5.6	94.4	90.1	0.9	1.9	2.6	97.4	3.4	11.3	100
PT	12.5	12.2	87.8	78.0	0.4	9.1	9.8	90.2		28.8	100
RO	5.7	0.2	99.8	88.7	3.4	1.9	28.0	72.0	0.3	10.7	100
SI	1.7	4.6	95.4	93.9	0.7	3.7		100.0		30.0	100
SK	2.2	10.4	89.6	95.6	1.6	0.6		100.0	0.0	14.1	100
FI	12.6	14.2	85.8	71.5	0.7	10.8	27.6	72.4	4.3	22.9	100
SE	10.0	21.1	78.9	64.1	0.3	25.0	6.0	94.0	0.6	41.1	100
UK	21.4	5.8	94.2	69.2	1.4	7.6	41.8	58.2	0.3	25.4	100
HR	5.5	24.8	75.2	90.0	1.5	3.0	66.2	33.8		20.9	100
MK											
TR	13.0	80.1	19.9	80.8	0.9	5.2	58.9	41.1		13.6	100
IS	28.0	5.8	94.2	54.5		17.5	19.3	80.7		29.5	100
NO	12.1	47.4	52.6	54.7	0.3	24.7	54.3	45.7	8.2	32.6	100
CH	21.1	2.7	97.3	78.2	0.2	0.6	100.0			36.3	100

Notes: (*) Excluding international bunkers (international traffic departing from the EU).
 (**) Including International Bunkers but excluding LULUCF.
 (***) Total Transport's share in Total Emissions.

Total CO₂ Emissions (*)

MILLION TONNES

	1990	1995	2000	2005	2007	2008
EU-27	4400.7	4154.1	4111.8	4238.9	4177.8	4088.8
BE	118.7	123.4	123.8	123.5	113.9	117.2
BG	86.2	66.5	50.4	53.7	59.0	57.0
CZ	164.3	131.4	127.1	125.2	126.4	120.7
DK	52.9	60.9	53.6	50.8	53.9	50.7
DE	1036.7	925.4	886.9	853.5	833.9	833.1
EE	36.1	18.2	15.4	16.7	19.2	17.4
IE	32.4	35.2	44.7	47.5	47.3	47.4
EL	82.9	86.5	103.0	113.2	114.3	109.8
ES	228.2	254.8	307.0	367.2	367.8	337.5
FR	395.7	393.6	407.3	419.5	395.9	391.2
IT	435.8	445.9	463.6	490.5	476.7	468.1
CY	4.2	5.4	7.7	8.0	8.3	8.6
LV	19.3	9.1	7.1	7.9	8.7	8.3
LT	36.1	15.1	12.0	14.3	15.9	15.2
LU	12.2	9.4	8.9	12.3	11.8	11.5
HU	72.5	61.4	58.5	60.9	57.9	56.2
MT	1.8	2.2	2.3	2.6	2.7	2.7
NL	159.3	170.6	169.7	175.8	172.3	175.7
AT	62.1	64.0	65.8	79.8	74.0	73.6
PL	368.4	365.9	320.7	319.3	327.0	323.9
PT	43.6	53.0	63.7	68.3	61.5	59.5
RO	172.1	129.6	95.3	105.9	110.9	103.7
SI	14.7	15.0	15.2	16.6	16.9	17.9
SK	62.6	44.7	41.1	41.4	38.9	39.8
FI	56.6	57.9	56.7	56.4	66.1	58.2
SE	56.6	58.5	53.9	53.3	52.3	50.4
UK	588.7	550.5	550.2	554.8	544.3	533.7
HR	23.1	17.0	19.9	23.4	24.8	23.7
MK						
TR	141.4	173.9	225.4	259.6	307.9	297.1
IS	2.2	2.3	2.8	2.9	3.3	3.6
NO	34.8	37.8	41.6	42.8	45.1	44.2
CH	44.5	43.4	43.9	46.0	43.6	45.1

Notes: (*) Excluding international bunkers and 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.

CO₂ Emissions from Transport

MILLION TONNES

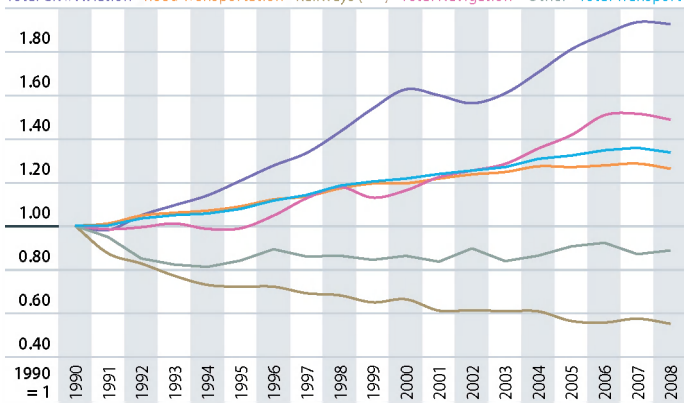
INCLUDING INTERNATIONAL BUNKERS						
	1990	1995	2000	2005	2007	2008
EU-27	941.1	1014.2	1145.3	1244.9	1278.6	1257.9
BE	36.5	37.9	44.8	54.2	59.3	60.8
BG	12.6	8.3	6.3	8.8	8.8	9.2
CZ	8.0	9.9	12.7	18.3	19.6	19.1
DK	15.4	18.8	18.7	18.3	20.2	19.6
DE	182.0	196.9	206.9	190.9	187.7	187.5
EE	3.1	1.9	2.0	2.6	3.4	3.2
IE	6.2	7.6	12.8	15.6	17.5	17.1
EL	25.0	30.4	32.9	33.2	36.3	34.7
ES	71.5	81.9	112.0	136.6	146.1	140.7
FR	134.5	145.6	159.7	163.0	162.9	155.5
IT	109.8	121.2	132.3	141.9	145.4	140.8
CY	1.7	2.2	2.7	3.6	3.7	3.5
LV	4.6	2.6	2.2	4.0	4.5	4.5
LT	6.4	3.6	3.5	4.7	5.7	5.6
LU	3.1	3.9	5.6	8.3	7.8	7.9
HU	8.5	7.3	9.2	12.5	13.1	13.3
MT	0.3	0.4	0.5	2.6	3.3	3.5
NL	64.9	72.2	84.8	99.7	97.5	95.6
AT	14.7	17.0	20.5	26.7	25.7	24.5
PL	26.9	30.2	34.2	37.9	40.3	44.4
PT	12.8	15.7	22.4	23.1	23.6	23.5
RO	8.7	8.8	9.8	12.3	13.4	15.7
SI	2.8	3.7	3.7	4.4	5.4	6.4
SK	5.0	4.4	4.2	6.3	6.6	6.8
FI	15.4	13.7	15.7	16.4	17.2	16.5
SE	22.3	24.0	26.1	29.7	30.6	29.9
UK	138.7	144.2	158.8	169.6	173.0	168.5
HR	4.4	3.7	4.6	5.8	6.6	6.5
MK						
TR	26.0	32.8	35.0	40.5	51.0	49.4
IS	0.9	1.0	1.3	1.3	1.7	1.6
NO	13.2	14.9	16.5	17.3	18.6	18.1
CH	17.4	17.7	20.3	19.2	20.0	20.7

CO₂ Emissions from Transport – EU-27 BY MODE (MILLION TONNES)

INCLUDING INTERNATIONAL BUNKERS

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (*)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS (***)	TOTAL NAVIGATION	Navigation (domestic) (*)	International Bunkers – Maritime Transport	OTHER TRANSPORTATION (****)	TOTAL TRANSPORT	TOTAL EMISSIONS (**)
1990	82.7	17.2	65.5	704.8	14.1	128.6	20.1	108.6	10.8	941.1	4 574.8
1991	81.1	16.3	64.8	712.5	12.3	126.7	20.3	106.4	10.3	942.8	4 516.2
1992	86.7	16.5	70.1	737.8	11.7	127.8	20.0	107.8	9.2	973.1	4 372.4
1993	90.5	16.0	74.5	747.0	10.9	130.0	19.8	110.2	8.9	987.3	4 313.8
1994	94.3	15.6	78.7	753.9	10.3	126.8	19.7	107.1	8.8	994.0	4 290.3
1995	99.9	16.8	83.1	767.9	10.2	127.2	18.8	108.4	9.1	1 014.2	4 345.6
1996	105.6	18.1	87.5	790.1	10.2	134.7	19.3	115.3	9.7	1 050.2	4 457.6
1997	110.4	18.9	91.5	799.9	9.7	144.9	19.3	125.7	9.3	1 074.3	4 383.3
1998	118.4	19.9	98.5	825.8	9.6	151.5	20.0	131.5	9.3	1 114.7	4 386.2
1999	127.3	21.2	106.1	841.8	9.2	145.3	20.0	125.3	9.1	1 132.7	4 321.6
2000	134.6	22.0	112.6	842.5	9.3	149.5	18.2	131.4	9.3	1 145.3	4 355.1
2001	132.3	21.1	111.2	857.7	8.6	157.4	18.4	139.0	9.0	1 165.0	4 439.2
2002	129.3	20.1	109.2	871.1	8.6	161.3	17.9	143.3	9.7	1 180.0	4 414.0
2003	133.0	19.9	113.1	879.0	8.6	165.2	19.9	145.3	9.1	1 194.9	4 509.4
2004	141.0	20.5	120.5	897.3	8.6	174.3	20.1	154.1	9.3	1 230.5	4 533.3
2005	149.7	21.8	128.0	895.2	7.9	182.2	20.8	161.5	9.8	1 244.9	4 528.3
2006	155.5	22.0	133.4	900.4	7.8	194.0	22.2	171.8	10.0	1 267.6	4 541.3
2007	160.1	22.4	137.7	906.2	8.1	194.8	21.7	173.2	9.4	1 278.6	4 488.6
2008	159.4	21.8	137.6	889.8	7.8	191.4	21.8	169.6	9.6	1 257.9	4 396.0

Total Civil Aviation + Road Transportation + Railways (***) + Total Navigation + Other + Total Transport

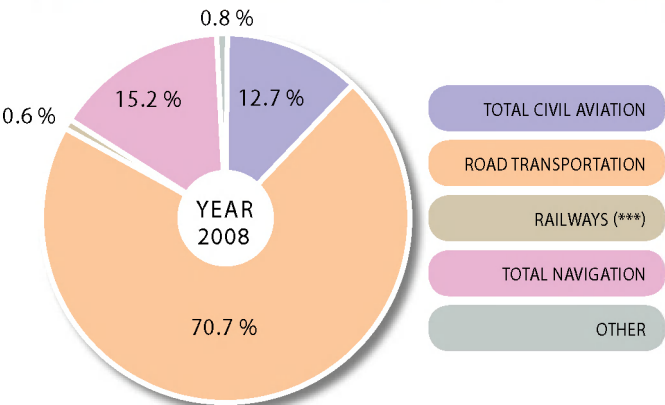


Notes: (*) Excluding international bunkers (international traffic departing from the EU);
 (**) Including International Bunkers but excluding LULUCF; (***) Excluding indirect Emissions from Electricity Consumption; (****) Combustion emissions from all remaining transport activities including pipeline transportation, ground activities in airports and harbours, and off-road activities.

CO₂ Emissions from Transport – EU-27 BY MODE (SHARES %)

INCLUDING INTERNATIONAL BUNKERS

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (*)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS (***)	TOTAL NAVIGATION	Navigation (domestic) (*)	International Bunkers – Maritime Transport	OTHER TRANSPORT (****)	TOTAL TRANSPORT (*****)	TOTAL EMISSIONS (**)
1990	8.8	20.8	79.2	74.9	1.5	13.7	15.6	84.4	1.2	20.6	100
1991	8.6	20.1	79.9	75.6	1.3	13.4	16.0	84.0	1.1	20.9	100
1992	8.9	19.1	80.9	75.8	1.2	13.1	15.7	84.3	0.9	22.3	100
1993	9.2	17.7	82.3	75.7	1.1	13.2	15.2	84.8	0.9	22.9	100
1994	9.5	16.6	83.4	75.8	1.0	12.8	15.6	84.4	0.9	23.2	100
1995	9.8	16.8	83.2	75.7	1.0	12.5	14.8	85.2	0.9	23.3	100
1996	10.1	17.2	82.8	75.2	1.0	12.8	14.4	85.6	0.9	23.6	100
1997	10.3	17.2	82.8	74.5	0.9	13.5	13.3	86.7	0.9	24.5	100
1998	10.6	16.8	83.2	74.1	0.9	13.6	13.2	86.8	0.8	25.4	100
1999	11.2	16.7	83.3	74.3	0.8	12.8	13.7	86.3	0.8	26.2	100
2000	11.8	16.3	83.7	73.6	0.8	13.1	12.2	87.8	0.8	26.3	100
2001	11.4	15.9	84.1	73.6	0.7	13.5	11.7	88.3	0.8	26.2	100
2002	11.0	15.6	84.4	73.8	0.7	13.7	11.1	88.9	0.8	26.7	100
2003	11.1	15.0	85.0	73.6	0.7	13.8	12.1	87.9	0.8	26.5	100
2004	11.5	14.6	85.4	72.9	0.7	14.2	11.6	88.4	0.8	27.1	100
2005	12.0	14.5	85.5	71.9	0.6	14.6	11.4	88.6	0.8	27.5	100
2006	12.3	14.2	85.8	71.0	0.6	15.3	11.4	88.6	0.8	27.9	100
2007	12.5	14.0	86.0	70.9	0.6	15.2	11.1	88.9	0.7	28.5	100
2008	12.7	13.7	86.3	70.7	0.6	15.2	11.4	88.6	0.8	28.6	100



Notes: (*) Excluding international bunkers (international traffic departing from the EU); (**) Including International Bunkers but excluding LULUCF; (***) Excluding indirect Emissions from Electricity Consumption; (****) Combustion emissions from all remaining transport activities including pipeline transportation, ground activities in airports and harbours, and off-road activities; (*****) Total Transport's share in Total Emissions.

CO₂ Emissions from Transport – 2008

BY MODE (MILLION TONNES)

INCLUDING INTERNATIONAL BUNKERS

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (*)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic) (*)	International Bunkers – Maritime Transport	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (**)
EU-27	159.4	21.8	137.6	889.8	7.8	191.4	21.8	169.6	9.6	1257.9	4396.0
BE	4.1	0.0	4.1	26.6	0.1	29.8	0.5	29.3	0.1	60.8	150.6
BG	0.7	0.1	0.5	7.7	0.1	0.4		0.4	0.4	9.2	57.9
CZ	1.2	0.0	1.1	17.5	0.3	0.0	0.0		0.1	19.1	121.8
DK	2.8	0.2	2.6	12.9	0.2	3.6	0.5	3.1		19.6	56.4
DE	27.8	2.2	25.5	144.9	1.1	10.0	0.4	9.6	3.7	187.5	868.2
EE	0.1	0.0	0.1	2.1	0.1	0.9	0.1	0.8		3.2	18.3
IE	2.9	0.1	2.8	13.6	0.1	0.2	0.0	0.2	0.1	17.1	50.4
EL	3.9	1.3	2.6	19.1	0.1	11.7	1.9	9.8	0.0	34.7	122.1
ES	17.8	7.3	10.5	91.3	0.3	31.2	3.3	27.8	0.2	140.7	375.8
FR	21.8	4.6	17.2	121.5	0.6	10.9	2.8	8.1	0.6	155.5	416.6
IT	12.4	2.3	10.1	113.9	0.2	13.4	5.1	8.2	0.9	140.8	486.4
CY	0.9		0.9	2.3		0.4		0.4		3.5	9.8
LV	0.3	0.0	0.3	3.3	0.2	0.7	0.0	0.7		4.5	9.3
LT	0.2	0.0	0.2	4.8	0.2	0.3	0.0	0.3		5.6	15.7
LU	1.3	0.0	1.3	6.6	0.0	0.0	0.0	0.0		7.9	12.8
HU	0.8		0.8	12.3	0.2	0.0	0.0			13.3	57.0
MT	0.0	0.0	0.0	0.5		2.9	0.0	2.9		3.5	5.6
NL	11.2	0.0	11.1	34.7	0.1	49.5	0.6	48.9		95.6	235.7
AT	2.3	0.1	2.2	21.4	0.2	0.1	0.0	0.0	0.6	24.5	75.8
PL	1.6	0.1	1.6	40.0	0.4	0.9	0.0	0.8	1.5	44.4	326.3
PT	2.9	0.4	2.6	18.3	0.1	2.2	0.2	2.0		23.5	64.1
RO	0.9	0.0	0.9	13.9	0.5	0.3	0.1	0.2	0.0	15.7	104.8
SI	0.1	0.0	0.1	6.0	0.0	0.2		0.2		6.4	18.2
SK	0.1	0.0	0.1	6.5	0.1	0.0		0.0	0.0	6.8	39.9
FI	2.1	0.3	1.8	11.8	0.1	1.8	0.5	1.3	0.7	16.5	61.2
SE	3.0	0.6	2.4	19.2	0.1	7.4	0.4	7.0	0.2	29.9	59.8
UK	36.2	2.1	34.1	116.8	2.2	12.8	5.4	7.5	0.5	168.5	575.2
HR	0.4	0.1	0.3	5.8	0.1	0.2	0.1	0.1		6.5	24.0
MK											
TR	6.4	5.2	1.3	39.9	0.5	2.6	1.5	1.1		49.4	299.5
IS	0.5	0.0	0.4	0.9		0.3	0.1	0.2		1.6	4.3
NO	2.2	1.1	1.2	10.0	0.0	4.5	2.4	2.1	1.4	18.1	47.4
CH	4.4	0.1	4.2	16.2	0.0	0.1	0.1			20.7	49.3

Notes: (*) Excluding international bunkers (international traffic departing from the EU);

(**) Including International Bunkers but excluding LULUCF.

CO₂ Emissions from Transport – 2008

BY MODE (SHARES %)

INCLUDING INTERNATIONAL BUNKERS

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (*)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION	Navigation (domestic) (*)	International Bunkers – Maritime Transport	OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (**)
EU-27	12.7	13.7	86.3	70.7	0.6	15.2	11.4	88.6	0.8	28.6	100
BE	6.8	0.2	99.8	43.8	0.2	49.0	1.6	98.4	0.2	40.4	100
BG	7.2	20.3	79.7	83.5	1.1	4.2		100.0	4.0	15.9	100
CZ	6.0	3.9	96.1	91.6	1.5	0.1	100.0		0.8	15.7	100
DK	14.3	5.8	94.2	66.2	1.2	18.3	12.7	87.3		34.7	100
DE	14.8	8.0	92.0	77.3	0.6	5.3	4.0	96.0	2.0	21.6	100
EE	2.8	2.3	97.7	67.7	2.6	27.0	7.0	93.0		17.3	100
IE	17.0	4.2	95.8	80.0	0.8	1.3	1.9	98.1	0.9	33.9	100
EL	11.2	32.5	67.5	54.9	0.3	33.6	16.2	83.8	0.0	28.4	100
ES	12.6	41.2	58.8	64.9	0.2	22.1	10.7	89.3	0.1	37.4	100
FR	14.0	21.0	79.0	78.2	0.4	7.0	25.3	74.7	0.4	37.3	100
IT	8.8	18.6	81.4	80.9	0.2	9.5	38.3	61.7	0.6	28.9	100
CY	25.5		100.0	64.1		10.5		100.0		36.0	100
LV	6.7	1.1	98.9	73.1	5.5	14.8	0.8	99.2		48.3	100
LT	4.3	1.9	98.1	86.1	4.1	5.5	6.3	93.7		35.7	100
LU	16.8	0.0	100.0	82.9	0.2	0.0	80.0	20.0		61.9	100
HU	6.0		100.0	92.5	1.4	0.0	100.0			23.2	100
MT	1.4	3.2	96.8	14.3		84.3	0.6	99.4		61.9	100
NL	11.7	0.4	99.6	36.4	0.1	51.9	1.3	98.7		40.5	100
AT	9.2	3.1	96.9	87.5	0.7	0.3	52.6	47.4	2.3	32.3	100
PL	3.7	5.6	94.4	90.1	0.9	1.9	2.4	97.6	3.4	13.6	100
PT	12.5	12.2	87.8	77.9	0.3	9.2	9.8	90.2		36.7	100
RO	5.7	0.2	99.8	88.7	3.4	1.9	28.0	72.0	0.3	15.0	100
SI	1.7	4.6	95.4	94.3	0.6	3.3		100.0		34.9	100
SK	2.2	10.2	89.8	95.8	1.5	0.5		100.0	0.0	17.0	100
FI	12.7	14.2	85.8	71.4	0.7	10.9	27.5	72.5	4.3	27.0	100
SE	10.0	21.0	79.0	64.3	0.2	24.9	6.0	94.0	0.5	50.0	100
UK	21.5	5.8	94.2	69.3	1.3	7.6	41.8	58.2	0.3	29.3	100
HR	5.5	24.9	75.1	89.9	1.6	3.1	66.2	33.8		26.9	100
MK											
TR	13.0	80.5	19.5	80.8	0.9	5.3	58.9	41.1		16.5	100
IS	28.6	5.8	94.2	53.6		17.8	19.3	80.7		37.4	100
NO	12.3	47.3	52.7	55.0	0.2	24.9	53.9	46.1	7.6	38.2	100
CH	21.0	2.7	97.3	78.2	0.2	0.6	100.0			42.0	100

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

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
2010		4	4	10 000
2009		7	1	2 000
2008		9	1	3 000
2007		13	4	18 000
2006		13	5	23 000
2005		22	3	18 000
2004		17	5	16 000
2003		16	4	42 000
2002		13	3	67 000
2001		18	3	9 000
2000		21	4	14 000
1990-1999	(avge per year)	28	8	113 700
1980-1989	(avge per year)	36	9	117 700
1970-1979	(avge per year)	54	25	317 400

SELECTED MAJOR OIL SPILLS – World outside Europe

SHIP NAME	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
Amoco Cadiz	1978	Off Brittany - France	223 000
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

SHIP NAME	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	63 000
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.

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European Commission

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