



European
Commission

EU transport in figures

STATISTICAL
POCKETBOOK
2012



Transport

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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 was available, on our own estimates. Our 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 energy consumption and on the environment.

Most of the tables have data up to 2010; where available, more recent data have been provided.

The tables of this pocketbook may also be found on the Europa site at 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 at <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
mio t	1 million tonnes
mtow	maximum take-off weight (aircraft)
pkm	passenger-kilometre: a unit of measure: 1 passenger transported a distance of 1 kilometre
PPP	Purchasing Power Parities
rpk	Revenue passenger kilometres (air)
TEU	Twenty foot Equivalent Unit
tkm	tonne-kilometre: a unit of measure: 1 tonne transported a distance of 1 kilometre
	break in horizontal time series
—	break in vertical time series

Country abbreviations

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

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

OTHER EUROPEAN ECONOMIC AREA (EEA) AND IN EFTA

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

OTHER EUROPEAN FREE TRADE ASSOCIATION (EFTA)

CH	Switzerland		EFTA: 1960
----	-------------	--	------------

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 an 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 1/1/2011	€ BILLION 2010	2009	2010
				EU-27 = 100	
EU-27	4 324.8	500.556	12 256.2	100	100
EU-15	3 236.9	397.397	11 310.8	110	110
EU-12	1 087.9	103.159	945.4		
BE	30.5	10.952	354.4	118	119
BG	111.0	7.505	36.0	44	44
CZ	78.9	10.533	149.3	82	80
DK	43.1	5.561	235.6	123	127
DE	357.1	81.752	2 476.8	116	118
EE	45.2	1.340	14.3	63	64
IE	70.3	4.481	156.0	128	127
EL	132.0	11.310	227.3	94	90
ES	506.0	46.153	1 051.3	103	100
FR	544.0	63.128	1 932.8	108	108
IT	301.3	60.626	1 556.0	104	101
CY	9.3	0.804	17.3	100	99
LV	64.6	2.230	18.0	51	51
LT	65.3	3.245	27.5	54	57
LU	2.6	0.512	40.3	266	272
HU	93.0	9.986	97.1	65	65
MT	0.3	0.418	6.2	82	83
NL	41.5	16.656	588.4	132	133
AT	83.9	8.404	286.2	125	126
PL	312.7	38.200	354.3	61	63
PT	92.1	10.637	172.6	80	80
RO	238.4	21.414	124.1	47	47
SI	20.3	2.050	35.4	87	85
SK	49.0	5.435	65.9	72	74
FI	338.4	5.375	180.3	115	116
SE	450.3	9.416	346.5	119	123
UK	243.8	62.436	1 706.3	111	112
HR	56.6	4.412	45.9	63	61
MK	25.7	2.057	6.9	36	35
TR	785.3	73.723	552.8	46	49
IS	103.0	0.318	8.7	118	111
NO	323.8	4.920	270.0	175	181
CH	41.3	7.867	354.7	143	147

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 and its total population on 1 January 2011 was 502.5 million.

Growth in GDP and Industrial Production COMPARED TO THE PREVIOUS YEAR

	GROWTH IN GDP Real growth				GROWTH IN INDUSTRIAL PRODUCTION (excluding construction)			
	% CHANGE				% CHANGE			
	2007	2008	2009	2010	2007	2008	2009	2010
EU-27	3.2	0.3	-4.3	2.0	3.7	-1.7	-13.6	6.8
EU-15	3.0	0.0	-4.3	2.0	3.1	-1.9	-14.0	6.4
EU-12								
BE	2.9	1.0	-2.8	2.3	6.4	3.7	-9.4	11.9
BG	6.4	6.2	-5.5	0.2	9.5	0.4	-18.2	2.2
CZ	5.7	3.1	-4.7	2.7	10.1	-2.2	-12.9	9.9
DK	1.6	-0.8	-5.8	1.3	-2.1	-1.1	-15.1	1.9
DE	3.3	1.1	-5.1	3.7	6.1	0.0	-16.3	10.9
EE	7.5	-3.7	-14.3	2.3	6.4	-4.8	-23.9	20.3
IE	5.2	-3.0	-7.0	-0.4	5.2	-2.2	-4.5	7.5
EL	3.0	-0.2	-3.3	-3.5	2.3	-4.2	-9.2	-6.6
ES	3.5	0.9	-3.7	-0.1	2.0	-7.3	-15.8	0.9
FR	2.3	-0.1	-2.7	1.5	1.3	-2.9	-12.8	4.7
IT	1.7	-1.2	-5.1	1.5				
CY	5.1	3.6	-1.9	1.1	4.5	4.4	-9.0	-2.2
LV	9.6	-3.3	-17.7	-0.3	1.1	-3.3	-17.6	14.5
LT	9.8	2.9	-14.8	1.4	2.5	5.1	-14.6	6.5
LU	6.6	0.8	-5.3	2.7	-0.7	-5.2	-15.8	10.5
HU	0.1	0.9	-6.8	1.3	8.1	-1.0	-17.4	10.3
MT	4.3	4.3	-2.6	2.9	7.7	-4.0	-13.6	7.6
NL	3.9	1.8	-3.5	1.7	2.3	1.4	-7.6	7.1
AT	3.7	1.4	-3.8	2.3	5.9	1.2	-11.2	6.7
PL	6.8	5.1	1.6	3.9	9.2	2.4	-3.7	10.8
PT	2.4	0.0	-2.9	1.4	0.1	-4.1	-8.5	1.6
RO	6.3	7.3	-6.6	-1.6	10.5	3.0	-6.4	5.5
SI	6.9	3.6	-8.0	1.4	7.4	1.6	-17.6	6.0
SK	10.5	5.9	-4.9	4.2	16.9	3.2	-13.7	18.9
FI	5.3	1.0	-8.2	3.6	4.7	1.0	-18.1	5.1
SE	3.3	-0.6	-5.2	5.6	3.9	-2.9	-17.9	8.7
UK	3.5	-1.1	-4.4	2.1	0.3	-3.2	-8.6	1.8
HR	5.1	2.2	-6.0	-1.2	5.0	0.6	-8.9	-1.5
MK	6.1	5.0	-0.9	1.8	3.9	5.0	-8.6	-4.8
TR	4.7	0.7	-4.8	9.0	7.5	-0.9	-10.0	13.9
IS	6.0	1.3	-6.7	-4.0	5.0	12.4	-1.4	1.2
NO	2.7	0.0	-1.7	0.7	-1.3	0.3	-3.6	-5.4
CH	3.6	2.1	-1.9	2.7	9.5	1.2	-7.7	6.1

Notes: 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.

IS: based on National Accounts data (and Icelandic version of NACE rev. 2: sections B, C, D and E); volume index of value added.

CH: Eurostat estimates. IS: provisional data for 2010. MT: provisional data for 2009 and 2010; BE, CZ and NL: provisional data.

Employment and Unemployment

	EMPLOYMENT RATE				UNEMPLOYMENT RATE			
	%				%			
	2007	2008	2009	2010	2007	2008	2009	2010
EU-27	65.4	65.8	64.5	64.1	7.2	7.1	9.0	9.7
EU-15	66.9	67.1	65.8	65.4	7.1	7.2	9.2	9.6
EU-12	59.9	61.0	60.0	59.6	7.8	6.6	8.6	10.0
BE	62.0	62.4	61.6	62.0	7.5	7.0	8.0	8.4
BG	61.7	64.0	62.6	59.7	6.9	5.7	6.9	10.3
CZ	66.1	66.6	65.4	65.0	5.4	4.4	6.8	7.4
DK	77.1	77.9	75.7	73.4	3.8	3.4	6.1	7.6
DE	69.4	70.1	70.3	71.1	8.8	7.6	7.9	7.2
EE	69.4	69.8	63.5	61.0	4.8	5.6	14.1	17.3
IE	69.2	67.6	61.8	60.0	4.6	6.1	12.0	13.7
EL	61.4	61.9	61.2	59.6	8.4	7.8	9.6	12.7
ES	65.6	64.3	59.8	58.6	8.3	11.4	18.1	20.2
FR	64.3	64.8	64.0	63.8	8.0	7.4	9.2	9.4
IT	58.7	58.7	57.5	56.9	6.2	6.8	7.9	8.5
CY	71.0	70.9	69.9	69.7	4.0	3.8	5.4	6.4
LV	68.3	68.6	60.9	59.3	6.1	7.7	17.5	19.0
LT	64.9	64.3	60.1	57.8	4.4	5.9	13.9	18.0
LU	64.2	63.4	65.2	65.2	4.1	5.1	5.2	4.4
HU	57.3	56.7	55.4	55.4	7.4	7.9	10.1	11.2
MT	54.6	55.3	55.0	56.1	6.5	6.1	7.0	7.0
NL	76.0	77.2	77.0	74.7	3.2	2.7	3.4	4.5
AT	71.4	72.1	71.6	71.7	4.5	3.9	4.9	4.5
PL	57.0	59.2	59.3	59.3	9.7	7.2	8.3	9.7
PT	67.8	68.2	66.3	65.6	8.5	8.1	10.0	11.4
RO	58.8	59.0	58.6	58.8	6.8	6.1	7.2	7.6
SI	67.8	68.6	67.5	66.2	5.0	4.5	6.0	7.4
SK	60.7	62.3	60.2	58.8	11.2	9.5	12.1	14.4
FI	70.3	71.1	68.7	68.1	6.9	6.4	8.4	8.5
SE	74.2	74.3	72.2	72.7	6.2	6.3	8.5	8.6
UK	71.5	71.5	69.9	69.5	5.4	5.7	7.7	7.9
HR	57.1	57.8	56.6	54.0	9.8	8.6	9.3	12.1
MK	40.7	41.9	43.3	43.5	35.2	34.0	32.3	32.2
TR	44.6	44.9	44.3	46.3	9.1	9.9	12.8	10.9
IS	85.1	83.6	78.3	78.2	2.3	3.0	7.4	7.7
NO	76.8	78.0	76.4	75.3	2.5	2.6	3.2	3.6
CH	78.6	79.5	79.0	78.6	3.7	3.4	4.2	4.7

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

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
	2010			2010		
EU-27	1.7	25.2	73.2	5.1	23.2	71.6
EU-15	1.5	24.5	74.1	3.1	21.4	75.5
EU-12	3.7	33.7	62.5	13.4	30.6	56.0
BE	0.7	22.3	76.9	1.4	19.2	79.3
BG	5.4	31.4	63.3	20.1	26.9	53.0
CZ	1.7	37.5	60.8	3.1	36.2	60.7
DK	1.3	22.2	76.5	2.6	18.2	79.2
DE	0.8	29.1	70.1	1.6	24.5	73.9
EE	3.3	28.5	68.2	4.2	29.2	66.7
IE	1.7	30.9	67.4	4.6	19.7	75.7
EL	3.1	18.8	78.0	11.7	18.2	70.1
ES	2.6	28.1	69.3	4.2	21.2	74.7
FR	1.7	18.6	79.7	2.6	19.0	78.4
IT	1.9	24.9	73.2	4.0	27.3	68.8
CY	2.4	18.8	78.8	4.7	19.5	75.7
LV	4.5	24.7	70.9	8.7	23.5	67.8
LT	3.3	29.4	67.3	9.0	24.6	66.3
LU	0.3	12.8	86.9	1.8	21.1	77.1
HU	3.8	31.3	64.9	7.0	29.6	63.4
MT	1.8	20.2	78.0	3.4	19.4	77.3
NL	1.8	23.7	74.5	2.6	16.2	81.1
AT	1.5	28.2	70.3	4.9	23.4	71.7
PL	3.8	32.0	64.3	12.8	30.0	57.2
PT	2.2	23.3	74.4	10.9	26.0	63.1
RO	6.7	39.6	53.8	25.7	32.3	42.0
SI	2.5	29.9	67.6	8.4	31.1	60.5
SK	3.1	40.1	56.8	3.0	32.3	64.7
FI	3.0	28.5	68.5	4.8	24.2	71.0
SE	1.8	26.4	71.8	2.1	21.6	76.4
UK	0.6	21.6	77.8	1.5	16.2	82.4
HR	5.5	25.7	68.8	14.9	27.3	57.8
MK	11.2	27.5	61.4	10.9	29.8	59.3
TR	9.4	26.1	64.5	25.2	26.2	48.6
IS	6.9	22.9	70.3	5.8	18.6	75.6
NO	1.4	38.0	60.6	2.7	20.0	77.3
CH	1.1	27.1	71.8	3.4	22.8	73.8

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:** Based on NACE 2 classification, except for LU, CH, HR, MK and TR (NACE 1.1). MK and IS: 2009. **Share of employment:** Based on National Accounts, except for HR, TR and IS (Labour Force Survey) and on the number of persons except for UK (number of jobs). Based on NACE 2 classification, except for LU, RO and SK (NACE 1.1). MK: 2009.

Population

AT 1 JANUARY									
	million								%
	1990	1995	2000	2005	2008	2009	2010	2011	change '10/'11
EU-27	470.388	477.010	481.081	489.325	495.814	497.802	499.201	500.556	0.3
EU-15	363.493	370.667	375.558	385.800	392.514	394.456	395.879	397.397	0.4
EU-12	106.896	106.342	105.523	103.525	103.300	103.346	103.321	103.159	-0.2
BE	9.948	10.131	10.239	10.446	10.667	10.753	10.840	10.952	1.0
BG	8.767	8.427	8.191	7.761	7.640	7.607	7.564	7.505	-0.8
CZ	10.362	10.333	10.278	10.221	10.381	10.468	10.507	10.533	0.2
DK	5.135	5.216	5.330	5.411	5.476	5.511	5.535	5.561	0.5
DE	79.113	81.539	82.163	82.501	82.218	82.002	81.802	81.752	-0.1
EE	1.571	1.448	1.372	1.348	1.341	1.340	1.340	1.340	0.0
IE	3.507	3.598	3.778	4.112	4.401	4.450	4.468	4.481	0.3
EL	10.121	10.595	10.904	11.083	11.214	11.260	11.305	11.310	0.0
ES	38.826	39.343	40.050	43.038	45.283	45.828	45.989	46.153	0.4
FR	56.577	57.753	58.858	60.963	62.135	62.466	62.791	63.128	0.5
IT	56.694	56.844	56.924	58.462	59.619	60.045	60.340	60.626	0.5
CY	0.573	0.645	0.690	0.749	0.789	0.797	0.803	0.804	0.2
LV	2.668	2.501	2.382	2.306	2.271	2.261	2.248	2.230	-0.8
LT	3.694	3.643	3.512	3.425	3.366	3.350	3.329	3.245	-2.5
LU	0.379	0.406	0.434	0.461	0.484	0.494	0.502	0.512	1.9
HU	10.375	10.337	10.222	10.098	10.045	10.031	10.014	9.986	-0.3
MT	0.352	0.369	0.380	0.403	0.410	0.414	0.414	0.418	0.8
NL	14.893	15.424	15.864	16.306	16.405	16.486	16.575	16.656	0.5
AT	7.645	7.943	8.002	8.201	8.319	8.355	8.375	8.404	0.3
PL	38.038	38.581	38.654	38.174	38.116	38.136	38.167	38.200	0.1
PT	9.996	10.018	10.195	10.529	10.618	10.627	10.638	10.637	0.0
RO	23.211	22.712	22.455	21.659	21.529	21.499	21.462	21.414	-0.2
SI	1.996	1.989	1.988	1.998	2.010	2.032	2.047	2.050	0.2
SK	5.288	5.356	5.399	5.385	5.401	5.412	5.425	5.435	0.2
FI	4.974	5.099	5.171	5.237	5.300	5.326	5.351	5.375	0.4
SE	8.527	8.816	8.861	9.011	9.183	9.256	9.341	9.416	0.8
UK	57.157	57.943	58.785	60.039	61.192	61.595	62.027	62.436	0.7
HR	4.773	4.659	4.498	4.444	4.436	4.435	4.426	4.412	-0.3
MK	1.873	1.957	2.022	2.035	2.045	2.049	2.053	2.057	0.2
TR	55.495	61.204	66.889	71.610	70.586	71.517	72.561	73.723	1.6
IS	0.254	0.267	0.279	0.294	0.315	0.319	0.318	0.318	0.3
NO	4.233	4.348	4.478	4.606	4.737	4.799	4.858	4.920	1.3
CH	6.674	7.019	7.164	7.415	7.593	7.702	7.786	7.867	1.0
LI	0.028	0.031	0.032	0.035	0.035	0.036	0.036	0.036	0.7

Notes: **CY**: from 1975 onwards: government-controlled area only.

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

Member States External Trade IMPORTS

YEAR 2010 (VALUE = billion €)

	IMPORTS FROM:								
	WORLD	EU-27	EXTRA-EU-27	OF WHICH:					
				CANDIDATE 5	EFTA	USA	JAPAN	RUSSIA	CHINA
EU-27	3977.376	2468.284	1509.092	51.860	166.345	170.390	65.781	160.058	282.531
EU-15	3497.084	2129.427	1367.657	43.774	160.824	164.185	60.888	118.749	254.672
EU-12	480.291	338.857	141.435	8.086	5.521	6.205	4.893	41.310	27.859
BE	296.654	205.540	91.114	2.894	6.389	16.989	6.970	6.200	12.656
BG	19.245	11.256	7.989	1.341	0.187	0.133	0.070	3.127	0.493
CZ	95.536	71.553	23.983	0.534	0.886	1.284	1.332	4.893	6.929
DK	64.071	45.187	18.884	0.699	4.381	1.931	0.282	0.686	4.658
DE	795.666	502.933	292.733	10.499	47.675	32.582	17.486	29.900	63.033
EE	9.250	7.376	1.875	0.036	0.181	0.086	0.033	0.752	0.337
IE	45.467	30.617	14.850	0.219	2.084	6.337	0.632	0.147	1.890
EL	48.191	24.626	23.566	1.481	0.992	1.221	0.556	4.805	2.880
ES	246.674	145.567	101.107	3.077	5.046	7.964	2.802	6.034	15.952
FR	459.871	314.037	145.834	4.910	16.257	20.718	5.328	11.700	23.271
IT	367.390	201.364	166.026	7.012	11.834	11.139	4.288	14.633	28.789
CY	6.464	4.525	1.939	0.045	0.062	0.086	0.072	0.043	0.340
LV	8.819	6.709	2.110	0.049	0.212	0.048	0.008	0.877	0.220
LT	17.653	9.989	7.664	0.097	0.115	0.184	0.025	5.758	0.430
LU	18.928	15.225	3.702	0.021	0.461	0.658	0.121	0.011	1.656
HU	66.514	45.009	21.506	0.650	0.474	1.014	1.447	5.201	6.560
MT	3.888	2.679	1.209	0.052	0.105	0.090	0.053	0.002	0.118
NL	389.537	181.438	208.099	3.478	15.585	27.130	10.980	21.747	49.143
AT	119.943	92.925	27.018	2.071	7.933	2.073	0.970	2.170	3.366
PL	134.306	95.064	39.242	1.205	2.186	2.239	1.014	13.625	6.934
PT	57.053	43.205	13.849	0.359	0.914	0.843	0.363	0.413	1.576
RO	46.864	33.986	12.878	1.825	0.530	0.526	0.231	2.040	2.549
SI	22.700	15.403	7.297	1.846	0.306	0.292	0.079	0.312	0.934
SK	49.052	35.308	13.745	0.406	0.276	0.223	0.529	4.679	2.014
FI	51.899	33.305	18.594	0.242	1.431	1.091	0.389	9.117	2.298
SE	112.169	75.160	37.009	0.898	10.789	3.579	1.853	5.444	5.598
UK	423.572	218.300	205.272	5.913	29.052	29.929	7.870	5.740	37.905

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

Member States External Trade

EXPORTS

YEAR 2010 (VALUE = billion €)

	EXPORTS TO:								
	WORLD	EU-27	EXTRA- EU-27	OF WHICH:					
				CANDIDATE 5	EFTA	USA	JAPAN	RUSSIA	CHINA
EU-27	3889.738	2540.128	1349.610	76.152	149.859	242.322	43.856	86.131	113.274
EU-15	3437.866	2189.553	1248.313	62.520	141.290	234.011	42.226	67.462	108.127
EU-12	451.872	350.575	101.297	13.632	8.569	8.310	1.629	18.669	5.147
BE	308.324	225.155	83.169	4.455	5.536	17.740	3.052	3.458	5.412
BG	15.561	9.469	6.092	1.745	0.126	0.212	0.016	0.441	0.187
CZ	100.311	84.265	16.046	1.193	2.209	1.753	0.401	2.673	0.918
DK	73.480	48.398	25.082	0.864	5.273	4.521	1.419	1.268	1.773
DE	949.629	570.915	378.714	19.025	49.342	64.926	13.056	26.270	53.660
EE	8.748	5.999	2.749	0.126	0.353	0.331	0.048	0.844	0.112
IE	87.875	51.037	36.838	0.501	3.950	20.533	1.752	0.342	1.573
EL	16.350	10.243	6.107	1.279	0.191	0.659	0.034	0.322	0.156
ES	191.912	131.804	60.108	3.964	4.209	6.529	1.394	1.953	2.626
FR	394.856	240.404	154.451	6.679	12.962	22.404	5.965	6.318	11.064
IT	337.407	193.450	143.958	10.482	17.203	20.329	4.011	7.906	8.609
CY	1.058	0.700	0.357	0.003	0.005	0.013	0.000	0.019	0.016
LV	7.190	4.835	2.356	0.062	0.230	0.094	0.033	1.099	0.029
LT	15.651	9.544	6.107	0.175	0.479	0.426	0.014	2.450	0.028
LU	14.897	12.488	2.408	0.199	0.678	0.262	0.039	0.178	0.133
HU	72.024	55.589	16.435	2.245	0.872	1.521	0.463	2.569	1.178
MT	2.705	1.113	1.593	0.022	0.025	0.195	0.104	0.001	0.061
NL	433.168	334.428	98.740	5.551	9.846	17.023	3.230	5.926	5.525
AT	115.079	82.004	33.074	2.428	6.218	4.922	1.022	2.873	2.573
PL	120.483	95.314	25.169	2.212	2.829	2.193	0.347	5.042	1.233
PT	36.762	27.573	9.189	0.285	0.420	1.327	0.128	0.120	0.235
RO	37.338	26.948	10.390	2.829	0.573	0.546	0.141	0.831	0.308
SI	22.026	15.656	6.370	1.950	0.245	0.297	0.018	0.768	0.106
SK	48.777	41.144	7.633	1.070	0.624	0.729	0.043	1.932	0.971
FI	52.439	28.484	23.954	0.984	2.191	3.681	0.880	4.716	2.733
SE	119.664	68.348	51.316	1.691	13.145	8.780	1.506	2.195	3.735
UK	306.023	164.819	141.205	4.132	10.127	40.375	4.738	3.618	8.319

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

Comparison EU-27 – World

GENERAL DATA

	EU-27 2010	USA 2010	JAPAN 2010	CHINA 2010	RUSSIA 2010
Population million	501.79	310.00	127.59	1341.41	142.90
Population growth % change since previous year	0.3	0.9	0.0	0.5	-0.1
Urban population % of total	76	82	67	50	73
Area thousand km ²	4414	9629	378	9597	17075
Population density Persons/km ²	114	32	338	140	8
GDP (nominal) € billion	12256	10958	4118	4434	1116
Real GDP growth %	2.0	3.0	4.0	10.3	4.0
Relative GDP per capita in PPP (EU-27 = 100)	100	149	107	24	49
Exports of goods € billion	1349	944	541	1168	281
Imports of goods € billion	1509	1457	506	964	163

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 € 533 billion in Gross Value Added (GVA) at basic prices, the transport and storage services sector (including postal and courier activities) accounted for about 5.1% of total GVA in the EU-27 in 2009 ⁽¹⁾. 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 2009, the transport and storage services sector (including postal and courier activities) in the EU-27 employed around 10.6 million persons ⁽²⁾, some 5.0% of the total workforce ⁽³⁾. Around 55% of them worked in land transport (road, rail, inland waterways and pipelines), 2% in sea transport, 4% in air transport and 22% in warehousing and supporting and transport activities (such as cargo handling, storage and warehousing) and the remaining 17% in postal and courier activities.

Household expenditure:

In 2010, private households in the EU-27 spent € 904 billion or roughly 13.0% of their total consumption on transport-related items.

Close to 30% of this sum (around € 260 billion) was used to purchase vehicles, slightly more than half (€ 477 billion) was spent on the operation of personal transport equipment (e.g. to buy fuel for the car) and the rest (€ 168 billion) was spent for transport services (e.g. bus, train, plane tickets).

Goods transport:

In 2010, total goods transport activities in the EU-27 are estimated to have amounted to 3 831 billion tkm. This figure includes intra-EU air and sea transport but not transport activities between the EU and the rest of the world. Road transport accounted for 45.8% of this total, rail for 10.2%, inland waterways for 3.8% and oil pipelines for 3.1%. Intra-EU maritime transport was the second most important mode with a share of 36.9% while intra-EU air transport only accounted for 0.1% of the total.

Passenger transport:

In 2010, total passenger transport activities in the EU-27 by any motorized means of transport are estimated to have amounted to 6424 billion pkm or on average 12.869 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 73.7% of this total, powered two-wheelers for 1.9%, buses & coaches for 7.9%, railways for 6.3% and tram and metro for 1.4%. Intra-EU air and intra-EU maritime transport contributed 8.2% and 0.6% respectively.

Note: ⁽¹⁾ 4.6% of total GVA if postal and courier activities are not included.

⁽²⁾ The figure on the number of persons employed is based on Structural Business Statistics (see table 2.1.5).

⁽³⁾ The figure on the share of total employment is based on National Accounts.

Equal to 4.2% of total employment if postal and courier activities are not included.

Statistical Overview EU Transport

Safety:

Road: 31 030 persons were killed in road accidents (fatalities within 30 days) in 2010, 10.9% fewer than in 2009 (when 34 814 people lost their lives). In comparison with 2001, the number of road fatalities had decreased by more than 40% (-42.9%).

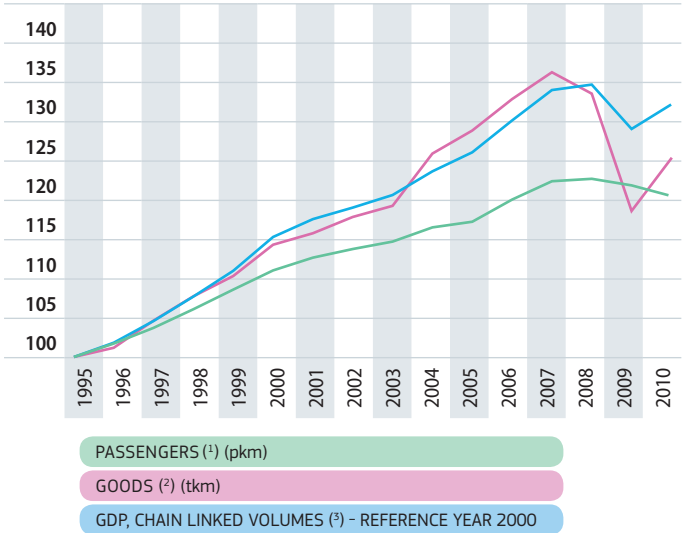
Rail: 62 passengers lost their lives in 2010; this figure does not include casualties among railway employees or other people run over by trains.

Air: In 2011, 6 people were killed on board an EU carrier which was flying over EU territory.

Transport Growth EU-27

YEAR
1995
= 100

PASSENGERS, GOODS, GDP 1995-2010



ANNUAL GROWTH RATES EU-27

	1995-2010 p.a.	2000-2010 p.a.	2009-2010
GDP at year 2000 prices and exchange rates	1.9%	1.4%	2.0%
Passenger transport (pkm)	1.3%	0.9%	-1.0%
Freight transport (tkm)	1.5%	0.9%	5.3%

Notes: ⁽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	0.0
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 ⁽⁸⁾
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) – 2009

	TOTAL	ROAD freight transport	ROAD passenger transport (**)	Railways	Pipelines	Inland water transport	Sea transport	Air transport	Warehousing and support activities	Postal and courier activities
EU-27	10 580.3	2 951.8	2 110.5	712.4	22.9	41.1	179.7	379.5	2 379.3	1 803.1
EU-15	8 508.4	2 274.4	1 689.9	437.1	10.2	33.8	163.2	349.3	2 010.0	1 540.4
EU-12	2 071.8	677.4	420.6	275.3	12.7	7.3	16.4	30.2	369.3	262.7
BE	230.6	64.0	36.2	30.3	0.0	0.6	0.6	6.2	50.2	42.4
BG	162.5	45.2	37.4	16.0	0.0	1.1	4.3	2.6	34.8	21.1
CZ	288.0	108.8	42.4	46.4	0.5	0.6	0.0	5.8	38.9	44.4
DK	133.0	24.6	27.2	8.3	0.8	0.1	14.0	5.1	20.7	32.3
DE	1 846.3	357.6	323.1	75.7	1.6	8.5	28.4	56.6	548.5	446.3
EE	37.7	13.6	5.8	1.6	0.0	0.1	1.1	0.7	10.3	4.5
IE	81.1	20.4	11.9	5.2	0.0	0.0	1.0	8.5	16.5	17.6
EL	202.6	41.8	74.4	5.3	0.0	0.0	17.6	3.8	34.2	25.5
ES	946.6	382.1	191.8	20.7	0.0	0.4	7.4	34.2	209.4	100.7
FR	1 422.9	359.9	311.5	126.8	3.9	3.0	13.5	72.1	254.7	277.4
IT	1 125.2	332.8	171.3	49.4	2.6	3.1	28.7	23.5	345.7	168.0
CY	23.4	3.0	3.1	0.0	0.0	0.0	4.8	2.2	9.0	1.4
LV	70.5	17.9	13.2	4.9	0.3	0.0	1.0	1.6	24.6	7.0
LT	91.4	40.1	16.4	8.5	0.0	0.1	1.8	0.6	14.1	9.9
LU	23.4	8.7	3.0	2.4	0.0	0.1	0.0	3.9	2.9	2.3
HU	224.6	64.4	49.4	12.1	0.6	0.9	0.1	2.1	54.9	40.2
MT	8.1	1.0	1.4	0.0	0.0	0.0	0.1	2.0	2.0	1.6
NL	479.9	120.4	126.8	20.6	0.1	13.7	11.6	30.1	78.0	78.5
AT	211.6	58.0	52.3	12.8	0.4	0.5	0.0	9.3	50.3	28.0
PL	673.4	254.9	149.8	111.6	3.2	1.4	2.2	6.3	79.5	64.5
PT	168.1	65.0	36.3	6.0	0.1	0.8	1.3	8.6	32.6	17.4
RO	335.2	91.8	80.2	41.9	7.0	2.5	0.8	4.7	62.8	43.5
SI	53.5	22.4	7.9	6.3	0.0	0.1	0.2	0.9	8.0	7.8
SK	103.5	14.3	13.5	25.9	1.2	0.5	0.0	0.9	30.4	16.7
FI	153.9	45.7	27.8	8.8	0.0	0.3	9.4	7.0	28.1	26.8
SE	259.7	71.6	64.9	10.0	0.0	1.1	16.4	6.9	49.0	39.8
UK	1 223.6	321.8	231.4	54.8	0.5	1.5	13.3	73.6	289.1	237.6

Notes: (*) Data refers to transportation and storage activities (including postal and courier services)

(**) 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 service concerned.

Economic activity according to NACE Rev. 2 classification.

Number of Enterprises by Mode of Transport (*) – 2009

	TOTAL	ROAD freight transport	ROAD passenger transport (**)	Railways	Pipelines	Inland water transport	Sea transport	Air transport	Warehousing and support activities	Postal and courier activities
EU-27	1 125 312	600000	331722	800	200	8990	8000	4000	121600	50000
EU-15										
EU-12										
BE					31	299			2882	2809
BG		9178	7811		0	25	23	36	1802	420
CZ		28324	6048		3	98	1	41	4523	487
DK	13895	7057	3724	16	4	19	432	51	1312	1280
DE		34790	25000		73	1092	2238	499	14698	8854
EE	3899	2548	320	9	0	2	34	7	903	50
IE										2115
EL		5044			0			53	1030	
ES		134915			0	77	257	107	14390	5875
FR		37587	36686	25	28		486	377	7882	
IT	137049	83524	28194	22	15	853	645	215	21853	2060
CY	3728	1446	1520	0	0	0	48	2	637	75
LV	5313	2815	796	13	1	11	45	18	1503	244
LT	6542	4014	1159	4	0	16	17	14	1228	596
LU		507	180	2	0			16	169	54
HU		17080	9077	21		99	14	99	3694	1292
MT										
NL	23249	8977	4434	16	8	3692	743	261	4481	3532
AT	13505	6824	4983	21	6	83	0	157	1321	385
PL	130967	74836	45784	94	5	493	174	127	8574	1887
PT	23976	10114	11317	3	3	43	182	73	2104	302
RO	34745	22504	9130	68	3	177	100	73	2399	610
SI	8312	6288	1061	6	2	32	40	41	799	538
SK		236	100				0		173	20
FI	23167	11232	9538	5	1	74	254	67	1789	322
SE		14773	8883	41		458	733	229	3374	422
UK	59014	31657	12027	115	9	242	1215	1047	9836	11752

Notes: (*) Data refers to transportation and storage activities (including postal and courier services).

(**) 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 (*)

2009 (mio €)

	TOTAL	ROAD freight transport	ROAD passenger transport (**)	Railways	Pipelines	Inland water transport	Sea transport	Air transport	Warehousing and support activities	Postal and courier activities
EU-27	1 137 291	269 535	98 483	70 281	11 839	6 117	89 366	111 662	382 701	97 307
EU-15										
EU-12										
BE					70	231			17 892	3 168
BG		1 747	456		0	52		370	931	209
CZ		6 447	891					1 227	6 118	1 085
DK								2 413		
DE		31 878	17 425	16 497	2 549	2 061		16 489	83 615	25 184
EE		747	109		0				1 898	
IE		2 319			0			4 555	2 950	1 574
EL										
ES		33 109			0	25	1 828	8 297	35 467	4 793
FR		39 360	16 568	18 836	2 119		9 922	18 048	58 143	
IT	125 984	37 366	9 257	5 776	2 063	176	10 691	6 825	41 973	11 858
CY		191	101		0	0			750	58
LV		716							1 847	83
LT		1 723	261		0			106	1 329	102
LU		1 062			0				795	
HU		3 558	1 037			67	4	906	4 878	838
MT										
NL		17 981	3 392					8 115	21 404	5 386
AT	34 357	8 440	3 594	2 420	757	122	0	2 857	13 746	2 421
PL		12 865	3 209	3 381	800	190		1 050	5 799	
PT		4 584	1 318			35			5 776	935
RO	9 488	3 690	1 025	838	355	126	64	586	2 238	566
SI		1 847	225					219	1 068	277
SK		906	274				0		1 665	429
FI		5 309				17	2 398		5 234	
SE		7 875	5 543	1 602		92	3 518		12 099	
UK	143 803	27 482	14 996	8 566	638	122	8 765	22 978	44 980	15 277

Notes: (*) Data refers to transportation and storage activities (including postal and courier services).

(**) 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 – 2010 (*)

	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	904 054	259 917	467 517	167 620	13.0	1 800
EU-15	842 111	245 241	442 704	154 466	13.2	2 100
EU-12	61 643	14 676	33 813	13 154	11.0	598
BE	21 759	6 667	13 165	1 926	12.1	2 000
BG	2 902	362	1 611	929	18.0	400
CZ	7 154	2 431	3 338	1 384	9.2	700
DK	13 392	4 909	7 075	1 409	12.0	2 400
DE	181 410	64 270	82 850	34 290	13.4	2 200
EE	1 046	245	559	242	13.8	800
IE	8 457	2 417	3 908	2 132	11.7	1 900
EL	20 420	5 223	8 125	7 072	11.8	1 800
ES	72 344	16 151	44 234	11 959	11.6	1 600
FR	152 306	39 901	88 375	24 031	14.0	2 300
IT	122 018	28 839	74 831	18 348	12.9	2 000
CY	1 534	620	713	201	12.3	1 900
LV	1 387	182	914	291	12.4	600
LT	2 860	454	1 929	477	16.5	900
LU	2 503	1 011	1 371	121	17.1	4 900
HU	6 906	1 408	4 556	942	13.1	700
MT	505	111	286	109	11.8	1 200
NL	31 599	8 920	17 708	4 971	12.0	1 900
AT	20 626	6 091	11 015	3 520	13.1	2 500
PL	19 867	4 971	10 844	4 052	9.3	500
PT	13 993	4 414	7 270	2 308	12.7	1 300
RO	9 703	1 880	4 990	2 832	13.5	500
SI	3 123	837	2 053	232	14.9	1 500
SK	2 726	693	1 286	747	7.2	500
FI	10 353	2 755	5 561	2 037	11.0	1 900
SE	21 150	5 673	11 021	4 456	12.9	2 300
UK	152 638	45 891	70 530	36 218	14.6	2 500

Notes: (*) PT and RO: 2009; BG: 2005.

EU-totals all refer to 2010, 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
2011	115.4	121.0	102.4	102.0	106.7
2010	111.9	114.3	101.7	101.4	105.0
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

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
2011	129.2	118.58	136.66	123.72	114.83
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

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
2011	128.1	128.6	125.7	120.3	140.3	124.5	109.8
2010	121.3	123.9	121.0	112.2	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

EU-27 External Trade by Mode of Transport 2010

VALUE (billion €)

	PARTNER: EXTRA EU-27					
	EXPORT		IMPORT		EXPORT + IMPORT	
Sea	640.0	47.4%	812.3	53.8%	1 452.3	50.8%
Road	277.6	20.6%	209.2	13.9%	486.8	17.0%
Rail	20.3	1.5%	16.4	1.1%	36.8	1.3%
Inland waterway	4.3	0.3%	3.1	0.2%	7.4	0.3%
Pipeline	3.6	0.3%	88.0	5.8%	91.6	3.2%
Air	362.0	26.8%	292.1	19.4%	654.1	22.9%
Self propulsion	37.3	2.8%	26.5	1.8%	63.8	2.2%
Post	0.8	0.1%	2.2	0.1%	3.0	0.1%
Unknown	3.7	0.3%	59.2	3.9%	62.9	2.2%
TOTAL	1 349.6	100.0%	1 509.1	100.0%	2 858.7	100.0%

WEIGHT (million tonnes)

	PARTNER: EXTRA EU-27					
	EXPORT		IMPORT		EXPORT + IMPORT	
Sea	424.8	77.0%	1 202.2	73.8%	1 627.0	74.6%
Road	79.8	14.5%	58.0	3.6%	137.7	6.3%
Rail	19.8	3.6%	64.1	3.9%	83.9	3.8%
Inland waterway	9.6	1.7%	12.1	0.7%	21.7	1.0%
Pipeline	3.7	0.7%	240.3	14.8%	244.0	11.2%
Air	10.2	1.9%	3.9	0.2%	14.1	0.6%
Self propulsion	1.3	0.2%	1.5	0.1%	2.8	0.1%
Post	0.0	0.0%	0.0	0.0%	0.0	0.0%
Unknown	2.6	0.5%	46.2	2.8%	48.7	2.2%
TOTAL	551.7	100.0%	1 628.3	100.0%	2 180.0	100.0%

Notes: Data for intra-EU trade is no longer available by mode of transport used.

Energy taxes

AS % OF GDP - TRANSPORT FUEL TAXES (*)

	%								RANKING IN 2010
	2003	2004	2005	2006	2007	2008	2009	2010	
EU-27	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	
EU-15					1.4	1.3	1.4	1.4	
EU-12					1.9	1.8	1.9	1.9	
BE	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1	26
BG					2.9	2.9	2.6	2.5	2
CZ			2.2	2.1	2.1	2.0	2.2	2.0	5
DK	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	27
DE	1.8	1.7	1.6	1.5	1.4	1.4	1.5	1.4	17
EE	1.4	1.7	1.8	1.7	1.7	1.7	2.2	2.1	4
IE	1.1	1.2	1.2	1.2	1.1	1.2	1.3	1.3	19
EL	1.2	1.2	1.1	1.1	1.1	0.9	1.0	1.5	16
ES	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.1	24
FR	1.4	1.4	1.3	1.3	1.2	1.1	1.2	1.1	25
IT	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.5	15
CY		1.7	1.6	1.5	1.5	1.4	1.4	1.6	12
LV			2.2	2.0	1.7	1.7	2.0	2.0	6
LT		1.7	1.7	1.6	1.6	1.5	1.9	1.8	8
LU	2.6	2.9	2.8	2.5	2.3	2.3	2.3	2.1	3
HU		1.8	1.8	1.9	1.8	1.8	1.8	1.7	11
MT		1.2	1.3	1.3	1.7	1.4	1.3	1.3	22
NL	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	20
AT	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	21
PL		1.7	1.8	1.9	1.9	1.9	1.8	1.9	7
PT	1.9	2.0	1.9	1.9	1.9	1.7	1.8	1.7	9
RO					1.3	1.3	1.6	1.6	13
SI	2.2	2.2	2.1	2.1	2.1	2.2	2.7	2.7	1
SK			2.1	1.9	1.8	1.7	1.6	1.5	14
FI	1.5	1.5	1.4	1.4	1.3	1.3	1.4	1.4	18
SE	1.4	1.3	1.4	1.3	1.2	1.2	1.3	1.2	23
UK	1.8	1.8	1.7	1.6	1.6	1.6	1.7	1.7	10
HR									
MK									
TR									
IS									
NO		0.9	0.9	0.8	0.8	0.7	0.8	0.8	
CH									

Notes: (*) Transport fuel taxes include those taxes which are levied on the transport use of fuels/energy products.
 EU totals are weighted averages.

Energy taxes

AS % OF GDP - TRANSPORT (EXCL. FUEL) (*)

	%								RANKING IN 2010
	1995	2000	2005	2006	2007	2008	2009	2010	
EU-27	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
EU-15	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	
EU-12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
BE	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	11
BG	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	19
CZ	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	25
DK	2.1	1.8	2.2	2.3	2.2	1.8	1.5	1.5	1
DE	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.4	16
EE	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	26
IE	1.3	1.4	1.2	1.2	1.2	1.2	0.9	0.9	6
EL	0.6	0.8	0.9	0.8	0.8	0.8	0.8	0.7	9
ES	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	18
FR	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.2	20
IT	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	12
CY	2.3	2.0	1.6	1.5	1.6	1.6	1.3	1.1	4
LV	0.0	0.3	0.3	0.3	0.3	0.2	0.2	0.3	17
LT	0.7	0.7	0.5	0.1	0.1	0.0	0.0	0.0	27
LU	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	24
HU	0.2	0.4	0.5	0.6	0.7	0.6	0.5	0.5	14
MT	2.3	2.3	1.8	1.8	1.7	1.7	1.6	1.4	2
NL	1.3	1.4	1.3	1.4	1.4	1.3	1.2	1.2	3
AT	0.7	0.8	0.8	0.8	0.8	0.7	0.8	0.7	7
PL	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	21
PT	0.9	1.1	0.9	0.9	0.9	0.7	0.6	0.7	8
RO	0.0	0.1	0.1	0.1	0.3	0.4	0.3	0.2	22
SI	1.0	0.4	0.5	0.5	0.5	0.5	0.4	0.4	15
SK	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	23
FI	0.8	1.1	1.2	1.1	1.0	0.9	0.8	0.9	5
SE	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	13
UK	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	10
HR									
MK									
TR									
IS	1.2	1.7	1.5	1.0	1.0	0.6	0.2	0.2	
NO	1.4	1.2	1.4	1.4	1.4	1.1	1.2	1.2	
CH									

Notes: (*) Transport taxes (excl. Fuel) mainly include taxes related to the ownership and use of motor vehicles.
EU totals are weighted averages.

Environmental taxes on transport (fuel and other taxes) (*) – AS % OF TOTAL TAXATION

	%						RANKING IN 2010
	2005	2006	2007	2008	2009	2010	
EU-27	5.2	5.0	4.9	4.8	5.0	5.0	
EU-15							
EU-12							
BE	4.4	4.1	3.9	3.7	3.9	3.9	25
BG			9.6	10.0	9.9	10.1	1
CZ	6.7	6.5	6.3	6.2	6.8	6.3	15
DK	6.7	6.8	6.8	6.1	5.5	5.5	19
DE	5.2	5.0	4.7	4.6	4.7	4.7	23
EE	6.2	5.8	5.7	5.4	6.3	6.3	14
IE	7.9	7.4	7.6	8.0	7.9	7.8	5
EL	6.2	6.0	6.1	5.2	5.7	6.9	8
ES	4.8	4.5	4.3	4.3	4.6	4.4	24
FR	3.4	3.4	3.3	3.2	3.3	3.2	27
IT	5.5	5.2	4.9	4.8	4.9	4.8	22
CY	9.2	8.3	7.7	7.7	7.7	7.5	7
LV	8.7	7.5	6.5	6.5	8.5	8.5	2
LT	7.6	5.7	5.6	5.1	6.6	6.7	9
LU	7.7	7.2	7.0	6.9	6.5	6.2	16
HU	6.4	6.6	6.1	5.8	5.7	5.8	18
MT	9.0	9.1	9.8	9.2	8.4	7.9	4
NL	6.9	6.8	6.7	6.5	6.7	6.5	12
AT	5.2	5.0	4.8	4.8	4.9	4.8	21
PL	6.4	6.2	6.2	6.2	6.4	6.5	11
PT	9.0	8.6	8.3	7.4	7.7	7.6	6
RO			5.8	6.1	6.8	6.6	10
SI	6.8	6.8	7.0	7.1	8.4	8.3	3
SK	7.2	7.2	6.7	6.6	6.3	6.0	17
FI	5.9	5.8	5.4	5.2	5.1	5.5	20
SE	3.6	3.5	3.5	3.8	3.9	3.8	26
UK	5.9	5.7	5.9	5.6	6.6	6.5	13
HR							
MK							
TR							
IS							
NO	5.2	5.1	5.0	4.4	4.7	4.7	
CH							

Notes: (*) Including taxes on fuel and other transport taxes.
EU totals are weighted averages.

Comparison EU-27 – World INFRASTRUCTURE AND VEHICLES

TRANSPORT INFRASTRUCTURE						
		EU-27	USA	JAPAN	CHINA	RUSSIA
1 000 km		2009	2009 ⁽¹⁾	2009 ⁽²⁾	2009	2009
Road network (paved)		5 000	4 400	968	3 056	776
Motorway network		68.2	94.3 ⁽³⁾	7.6 ⁽⁴⁾	65.1	30.0
Railway network		212.7	202.4 ⁽⁵⁾	27	85.5	86.0
Electrified rail lines		111.1		15.2	30.2	43.2
Navigable inland waterways		41.0	40.7		123.7	102.0
Oil Pipelines		37.6	276.9		69.1 ⁽⁶⁾	49.0 ⁽⁷⁾

VEHICLE STOCK						
		EU-27	USA	JAPAN	CHINA	RUSSIA
		2010	2009	2010	2010	2010
Passenger cars stock	million	238.8	234 ⁽⁸⁾	69.2 ⁽⁹⁾	40.3	32.6
Motorization	cars / 1 000 persons	477	763	542	30	228
Commercial freight vehicles	million	34.09	10.97	6.22	13.69	5.41

TRANSPORT SAFETY						
		EU-27	USA	JAPAN	CHINA	RUSSIA
		2010	2010	2010	2010	2010
Road fatalities	number	31 030	32 885	4 863	70 000	26 600
	per million inhabitants	62	106	38	52	186

- Notes:** ⁽¹⁾ USA: data on the road network and on the motorway network is from 2008.
⁽²⁾ Japan: data on the railway network and on the electrified rail lines is from 2008.
⁽³⁾ USA: divided highways with 4 or more lanes (rural or urban interstate, freeways, expressways, arterial and collector) with full access control by the authorities.
⁽⁴⁾ Japan: national expressways.
⁽⁵⁾ USA: a sum of partly overlapping networks.
⁽⁶⁾ China: both oil and gas pipelines.
⁽⁷⁾ Russia: only crude oil pipelines. 16 thousand km of oil product pipelines are not included.
⁽⁸⁾ USA: all 2-axle 4-tyre vehicles.
⁽⁹⁾ Japan: including 29.1 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	2010	2009	2010 ⁽¹⁾	2010	2010
Passenger car	4 738	5 828.4 ⁽²⁾	766.7 ⁽³⁾	1 491.4 ⁽⁴⁾	
Bus + trolley-bus + coach	510.1	490.1	87.0		147.7
Railway	403.8	40.1	393	876.2	139.0
Tram + metro	90.1	17.9	⁽⁵⁾		49.1
Waterborne	38.1	0.6	4.3	7.2	0.9
Air (domestic / intra-EU-27)	524.2	887.9	73.8	403.2	147.1

FREIGHT TRANSPORT					
	EU-27	USA	JAPAN	CHINA	RUSSIA
billion tkm	2009	2008 ⁽⁶⁾	2010	2009	2010
Road	1 755.6	1 922.9	334.7 ⁽⁸⁾	3 718.9	199.0
Rail	389.9	2 525.4 ⁽⁷⁾	20.4	2 523.9	2 011.0
Inland waterways	147.4	456.4		1 803.3	54.0
Oil pipeline	120.6	919.6		202.2 ⁽⁹⁾	2 382.0
Sea (domestic / intra-EU-27)	1 414.8	303.5	179.7	3 952.4	101.0

Notes: ⁽¹⁾ Japan: data for passenger car, bus+trolley-bus+coach and waterborne vehicles is from 2009.

⁽²⁾ USA: including light trucks / vans.

⁽³⁾ Japan: including light motor vehicles and taxis.

⁽⁴⁾ China: including buses and coaches.

⁽⁵⁾ Japan: included in railway pkm.

⁽⁶⁾ USA: data for road is from 2007.

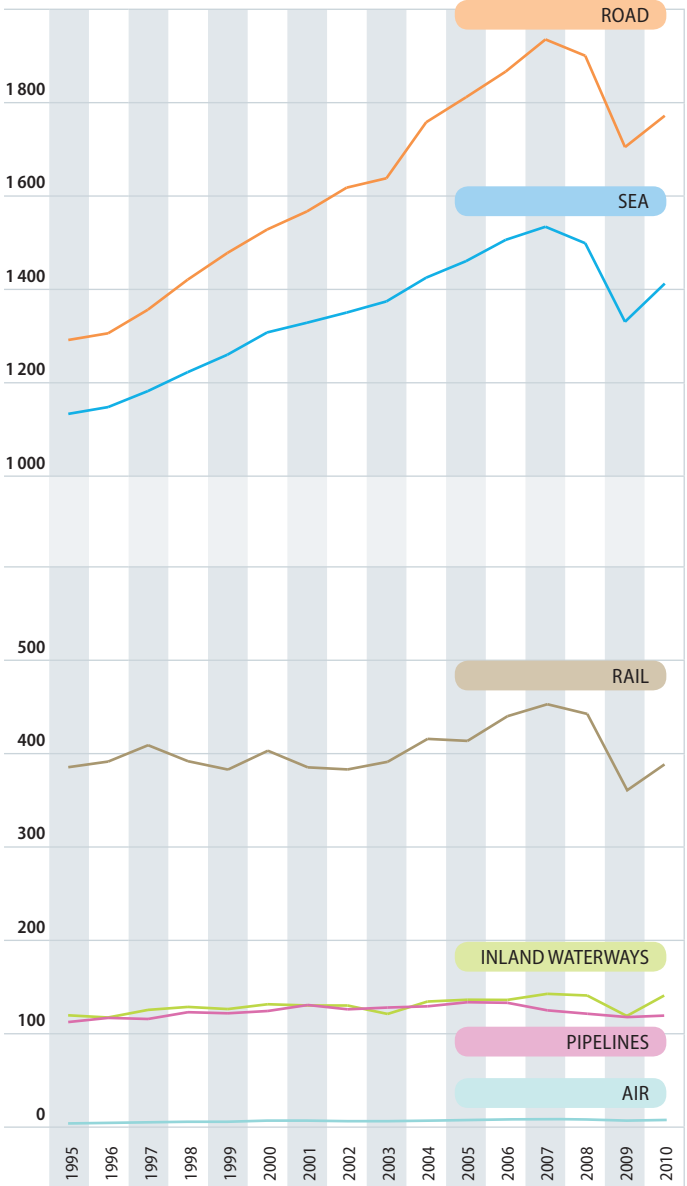
⁽⁷⁾ USA: Class I rail.

⁽⁸⁾ Japan: 2009.

⁽⁹⁾ China: oil and gas pipelines.

EU-27 Performance by Mode for Freight Transport – 1995-2010

billion tonne-kilometres



Source: tables 2.2.4c to 2.2.7, estimates

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	3 060
1996	1 303	392	120	119	1 160	2	3 096
1997	1 352	410	128	118	1 193	2	3 202
1998	1 414	393	131	125	1 232	2	3 297
1999	1 470	384	129	124	1 268	2	3 377
2000	1 519	404	134	127	1 314	2	3 499
2001	1 556	386	133	133	1 334	2	3 544
2002	1 606	384	133	128	1 355	2	3 608
2003	1 625	392	124	130	1 378	2	3 652
2004	1 742	417	137	132	1 427	3	3 857
2005	1 794	413	139	136	1 461	3	3 946
2006	1 848	435	138	136	1 505	3	4 064
2007	1 914	448	145	130	1 532	3	4 173
2008	1 881	440	145	125	1 498	3	4 091
2009	1 690	361	130	119	1 336	2	3 639
2010	1 756	390	147	121	1 415	3	3 831
1995-2010	36.2%	1.0%	20.8%	4.9%	23.5%	27.4%	25.2%
per year	2.1%	0.1%	1.3%	0.3%	1.4%	1.6%	1.5%
2000-2010	15.6%	-3.4%	10.1%	-4.8%	7.7%	4.0%	9.5%
per year	1.5%	-0.3%	1.0%	-0.5%	0.7%	0.4%	0.9%
2009-2010	3.9%	8.0%	13.6%	1.1%	5.9%	2.8%	5.3%

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	3.5	37.0	0.1
2006	45.5	10.7	3.4	3.3	37.0	0.1
2007	45.9	10.7	3.5	3.1	36.7	0.1
2008	46.0	10.7	3.6	3.1	36.6	0.1
2009	46.5	9.9	3.6	3.3	36.7	0.1
2010	45.8	10.2	3.8	3.1	36.9	0.1

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

EU-27 PERFORMANCE BY MODE

FREIGHT TRANSPORT FOR INLAND MODES

thousand mio tonne-kilometres

	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
1995	1 289	386	122	115	1 912
1996	1 303	392	120	119	1 934
1997	1 352	410	128	118	2 007
1998	1 414	393	131	125	2 063
1999	1 470	384	129	124	2 107
2000	1 519	404	134	127	2 183
2001	1 556	386	133	133	2 208
2002	1 606	384	133	128	2 251
2003	1 625	392	124	130	2 271
2004	1 742	417	137	132	2 427
2005	1 794	413	139	136	2 482
2006	1 848	435	138	136	2 556
2007	1 914	448	145	130	2 638
2008	1 881	440	145	125	2 590
2009	1 690	361	130	119	2 300
2010	1 756	390	147	121	2 413
1995-2010	36.2%	1.0%	20.8%	4.9%	26.2%
per year	2.1%	0.1%	1.3%	0.3%	1.6%
2000-2010	15.6%	-3.4%	10.1%	-4.8%	10.6%
per year	1.5%	-0.3%	1.0%	-0.5%	1.0%
2009-2010	3.9%	8.0%	13.6%	1.1%	4.9%

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	16.6	5.6	5.5
2006	72.3	17.0	5.4	5.3
2007	72.6	17.0	5.5	4.9
2008	72.6	17.0	5.6	4.8
2009	73.5	15.7	5.6	5.2
2010	72.7	16.2	6.1	5.0

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 2010	% CHANGE '09/'10
	1995	2000	2005	2009	2010		
EU-27		<i>1 088.8</i>	<i>1 229.3</i>	<i>1 153.6</i>	<i>1 176.8</i>	67.0	2.0
EU-15	<i>869.9</i>	<i>989.4</i>	<i>1 100.8</i>	<i>1 006.5</i>	<i>1 031.3</i>	77.3	2.5
EU-12		<i>99.5</i>	<i>128.6</i>	<i>147.1</i>	<i>145.5</i>	34.5	-1.1
BE	18.6	19.8	19.3	17.6	17.8	50.7	0.9
BG		3.1	5.0	6.3	6.1	31.5	-2.9
CZ		14.2	15.5	13.5	14.8	28.5	9.5
DK	9.3	11.0	11.1	10.0	10.6	70.4	5.7
DE	201.3	226.5	237.6	245.6	252.5	80.6	2.8
EE	0.4	0.7	1.8	1.3	1.4	24.7	4.7
IE	4.7	8.3	14.0	8.5	8.2	75.2	-2.9
EL	20.0	24.5	27.5	24.2	25.3	84.7	4.2
ES	78.7	106.9	166.4	151.1	146.2	69.6	-3.2
FR	135.3	163.2	177.3	156.0	164.3	90.2	5.3
IT	150.3	158.3	171.6	145.6	149.2	84.9	2.5
CY		1.3	1.4	0.9	1.1	98.1	12.9
LV		1.5	2.7	2.1	2.6	24.2	19.2
LT		1.5	2.1	2.6	2.3	11.8	-13.0
LU	0.5	0.4	0.5	0.5	0.6	6.6	8.3
HU		12.1	11.4	12.2	11.3	33.6	-6.9
MT		0.2	0.2	0.2	0.2	80.0	0.0
NL	26.7	31.5	31.8	31.3	34.3	44.9	9.5
AT	11.1	12.4	12.5	13.5	13.9	48.6	3.1
PL		48.0	60.9	79.2	86.2	40.9	8.8
PT	16.5	17.1	17.4	14.4	12.9	36.4	-10.7
RO		9.9	19.4	20.9	12.1	46.7	-42.1
SI		1.9	2.4	2.3	2.3	14.4	0.5
SK		5.1	5.6	5.5	5.2	18.9	-5.8
FI	21.8	27.7	27.8	24.4	25.2	85.2	3.1
SE	28.4	31.5	34.7	32.1	32.7	90.3	1.9
UK	146.7	150.3	151.2	131.6	137.8	93.9	4.7
HR		1.9	4.4	5.1	4.5	51.8	-11.3
MK							
TR	112.5	161.6	166.8	176.5	190.4		7.9
IS	0.5	0.6	0.7	0.8	0.8		2.5
NO		12.1	15.4	15.3	16.3	82.8	7.0
CH	8.4	8.9	9.2	9.7	9.6	72.1	-1.5

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 2010	% CHANGE '09/'10
	1995	2000	2005	2009	2010		
EU-27		<i>429.9</i>	<i>564.7</i>	<i>536.8</i>	<i>578.8</i>	33.0	7.8
EU-15	<i>268.3</i>	<i>339.5</i>	<i>381.6</i>	<i>295.9</i>	<i>302.1</i>	22.7	2.1
EU-12		<i>90.4</i>	<i>183.1</i>	<i>240.9</i>	<i>276.7</i>	65.5	14.9
BE	27.0	31.3	24.6	18.6	17.2	49.3	-7.1
BG		3.3	9.3	11.4	13.3	68.5	16.4
CZ		23.1	27.9	31.5	37.1	71.5	17.8
DK	13.1	13.0	12.2	6.9	4.4	29.6	-35.3
DE	36.5	54.2	72.5	62.0	60.6	19.4	-2.2
EE	1.1	3.2	4.0	4.0	4.2	75.3	5.3
IE	0.8	3.9	3.9	3.2	2.7	24.8	-15.6
EL	4.0	4.5	5.0	4.4	4.6	15.3	4.6
ES	22.9	41.8	66.8	60.8	63.9	30.4	5.0
FR	42.9	40.8	28.0	17.6	17.9	9.8	1.5
IT	24.1	26.4	40.2	22.0	26.5	15.1	20.5
CY		0.0	0.0	0.0	0.0	1.9	16.7
LV		3.3	5.7	6.0	8.0	75.8	34.6
LT		6.2	13.8	15.1	17.1	88.2	13.1
LU	5.0	7.2	8.3	7.9	8.1	93.4	3.2
HU		7.0	13.8	23.2	22.4	66.4	-3.5
MT		0.1	0.1	0.1	0.1	20.0	0.0
NL	40.4	48.0	52.3	41.3	42.0	55.1	1.7
AT	15.4	22.7	24.5	15.6	14.7	51.4	-5.4
PL		27.0	50.9	101.5	124.7	59.1	22.8
PT	15.5	21.9	25.2	21.4	22.5	63.6	5.2
RO		4.4	32.1	13.4	13.8	53.3	3.0
SI		3.4	8.7	12.5	13.6	85.6	9.3
SK		9.3	16.9	22.2	22.4	81.1	0.9
FI	2.7	4.3	4.0	3.4	4.4	14.8	28.3
SE	3.2	4.2	3.9	2.9	3.5	9.7	20.9
UK	14.8	15.3	10.1	7.9	8.9	6.1	12.8
HR		1.0	4.9	4.3	4.2	48.2	-1.6
MK							
TR							
IS							
NO		3.0	2.9	3.2	3.4	17.2	7.5
CH (1)	0.7	0.9	1.0	3.5	3.7	27.9	6.0

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 does 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	2009	2010	CHANGE '09/'10
EU-27	<i>1 288.7</i>	<i>1 518.7</i>	<i>1 794.0</i>	<i>1 690.3</i>	<i>1 755.6</i>	3.9
EU-15	<i>1 138.2</i>	<i>1 328.9</i>	<i>1 482.3</i>	<i>1 302.4</i>	<i>1 333.5</i>	2.4
EU-12	<i>150.4</i>	<i>189.8</i>	<i>311.7</i>	<i>388.0</i>	<i>422.2</i>	8.8
BE	45.60	51.05	43.85	36.17	35.00	-3.2
BG	5.20	6.40	14.37	17.74	19.43	9.5
CZ	31.30	37.31	43.45	44.96	51.83	15.3
DK	22.40	24.02	23.30	16.88	15.02	-11.0
DE	237.80	280.71	310.10	307.55	313.10	1.8
EE	1.55	3.93	5.82	5.34	5.61	5.1
IE	5.50	12.28	17.91	11.69	10.94	-6.4
EL	24.00	29.00	32.50	28.59	29.82	4.3
ES	101.60	148.72	233.23	211.90	210.07	-0.9
FR	178.20	204.00	205.28	173.62	182.19	4.9
IT	174.43	184.68	211.80	167.63	175.78	4.9
CY	1.20	1.31	1.39	0.96	1.09	12.9
LV	1.83	4.79	8.39	8.12	10.59	30.5
LT	5.20	7.77	15.91	17.76	19.40	9.2
LU	5.50	7.61	8.80	8.40	8.69	3.5
HU	13.80	19.12	25.15	35.37	33.72	-4.7
MT	0.25	0.25	0.25	0.25	0.25	0.0
NL	67.10	79.57	84.16	72.68	76.34	5.0
AT	26.50	35.12	37.04	29.08	28.66	-1.4
PL	51.20	75.02	111.83	180.74	210.85	16.7
PT	32.00	38.91	42.61	35.81	35.37	-1.2
RO	19.70	14.29	51.53	34.27	25.89	-24.5
SI	3.30	5.30	11.03	14.76	15.93	7.9
SK	15.90	14.34	22.57	27.71	27.58	-0.5
FI	24.50	31.98	31.86	27.81	29.53	6.2
SE	31.60	35.62	38.58	35.05	36.27	3.5
UK	161.50	165.62	161.29	139.54	146.69	5.1
HR		2.86	9.33	9.43	8.78	-6.9
MK		3.50	5.58	4.04	4.24	5.0
TR (¹)	112.50	161.55	166.83	176.46	190.37	7.9
IS	0.50	0.60	0.74	0.81	0.83	2.5
NO	9.70	15.13	18.25	18.45	19.75	7.1
CH (²)	9.11	9.79	10.20	13.17	13.24	0.5

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 does not include that part of international journeys by Swiss hauliers that takes place outside Switzerland.

Railways

	thousand mio tkm							%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27	526.3	386.1	403.7	413.2	439.6	361.0	389.9	8.0
EU-15	256.5	222.7	257.1	261.9	289.2	236.5	254.4	7.5
EU-12	269.8	163.4	146.6	151.3	150.4	124.5	135.5	8.8
BE	8.4	7.3	7.7	8.1	8.9	6.4	6.3	-1.7
BG	14.1	8.6	5.5	5.2	4.7	3.1	3.1	-2.6
CZ		22.6	17.5	14.9	15.4	12.8	13.8	7.7
DK	1.7	2.0	2.0	2.0	1.9	1.7	2.2	31.7
DE	101.7	70.5	82.7	95.4	115.7	95.8	107.3	12.0
EE	7.0	3.8	8.1	10.6	5.9	5.9	6.6	11.6
IE	0.6	0.6	0.5	0.3	0.1	0.1	0.1	16.5
EL	0.6	0.3	0.4	0.6	0.8	0.6	0.6	11.2
ES	11.2	11.0	11.6	11.6	11.0	7.9	9.2	16.1
FR	52.2	48.3	57.7	40.7	40.5	32.1	30.0	-6.7
IT	19.4	21.7	22.8	22.8	23.8	17.8	18.6	4.6
CY	-	-	-	-	-	-	-	
LV	18.5	9.8	13.3	19.8	19.6	18.7	17.2	-8.3
LT	19.3	7.2	8.9	12.5	14.7	11.9	13.4	13.0
LU	0.6	0.5	0.6	0.4	0.3	0.2	0.2	-4.5
HU	16.8	8.4	8.8	9.1	9.9	7.7	8.8	14.8
MT	-	-	-	-	-	-	-	
NL	3.1	3.1	4.5	5.9	7.0	5.6	5.9	6.2
AT	12.2	13.2	16.6	19.0	21.9	17.8	19.8	11.6
PL	81.6	68.2	54.0	50.0	52.0	43.4	48.7	12.1
PT	1.5	2.0	2.2	2.4	2.5	2.2	2.3	6.4
RO	48.9	17.9	16.4	16.6	15.2	11.1	12.4	11.6
SI	4.2	3.1	2.9	3.2	3.5	2.8	3.4	21.4
SK		13.8	11.2	9.5	9.3	7.0	8.1	16.4
FI	8.4	9.6	10.1	9.7	10.8	8.9	9.8	9.9
SE	19.1	19.4	19.5	21.7	22.9	20.4	23.5	15.1
UK	16.0	13.3	18.1	21.4	21.1	19.2	18.6	-3.1
HR		2.0	1.8	2.8	3.3	2.6	2.6	-0.9
MK			0.5	0.5	0.7	0.5	0.5	5.6
TR	7.9	8.5	9.8	9.1	10.6	10.2	11.3	11.2
IS	-	-	-	-	-	-	-	
NO	2.6	2.7	3.0	3.1	3.6	3.7	3.5	-4.6
CH	9.0	8.9	11.1	11.7	12.3	10.6	11.1	4.8

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

Inland Waterways

	thousand mio tkm							%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27	118.3	122.1	133.9	138.7	145.3	129.8	147.4	13.6
EU-15	107.0	114.6	127.4	126.2	130.0	109.7	123.3	12.5
EU-12	11.4	7.5	6.5	12.4	15.2	20.2	24.1	19.6
BE	5.4	5.7	7.2	8.6	8.7	7.1	8.2	15.8
BG	1.6	0.5	0.3	0.8	2.9	5.4	6.0	11.3
CZ		0.3	0.1	0.1	0.0	0.0	0.0	30.3
DK	-	-	-	-	-	-	-	
DE	54.8	64.0	66.5	64.1	64.1	55.7	62.3	11.9
EE	0.0	0.0	-	-	-	-	-	
IE	-	-	-	-	-	-	-	
EL	-	-	-	-	-	-	-	
ES	-	-	-	-	-	-	-	
FR	7.6	6.6	9.1	8.9	8.9	8.7	9.5	8.8
IT	0.1	0.1	0.2	0.1	0.1	0.1	0.1	100.0
CY	-	-	-	-	-	-	-	
LV	-	-	-	-	-	-	-	
LT	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LU	0.4	0.3	0.4	0.3	0.4	0.3	0.4	28.7
HU	2.0	1.2	0.9	2.1	2.3	1.8	2.4	30.7
MT	-	-	-	-	-	-	-	
NL	35.7	35.5	41.3	42.2	45.3	35.7	40.3	13.0
AT	1.7	2.0	2.4	1.8	2.4	2.0	2.4	18.6
PL	1.0	0.9	1.2	0.3	0.3	0.2	0.1	-35.6
PT	-	-	-	-	-	-	-	
RO	2.1	3.1	2.6	8.4	8.7	11.8	14.3	21.7
SI	-	-	-	-	-	-	-	
SK		1.5	1.4	0.7	1.1	0.9	1.2	32.3
FI	1.1	0.1	0.1	0.1	0.1	0.1	0.1	24.6
SE	-	-	-	-	-	-	-	
UK	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.0
HR	0.5	0.0	0.1	0.1	0.8	0.7	0.9	29.3
MK	-	-	-	-	-	-	-	
TR	-	-	-	-	-	-	-	
IS	-	-	-	-	-	-	-	
NO	-	-	-	-	-	-	-	
CH	0.2	0.0	0.1	0.0	0.0	0.0	0.0	-2.2

Notes: FI: only shipborne transport (i.e. no floating). CS: 1990=4.42 (included in EU-27 and EU-12 totals). IT, LT, FI and UK: data includes only national traffic. BG and RO: data includes transit traffic from 2009 (and partially in 2008). HR: data includes transit traffic from 2008 onward.

Pipelines (Oil)

	thousand mio tkm							%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27		<i>114.9</i>	<i>126.7</i>	<i>136.4</i>	<i>125.2</i>	<i>119.3</i>	<i>120.6</i>	<i>1.1</i>
EU-15	71.7	80.2	86.2	90.5	89.8	83.0	82.2	-0.9
EU-12		<i>34.7</i>	<i>40.5</i>	<i>46.0</i>	<i>35.3</i>	<i>36.3</i>	<i>38.3</i>	<i>5.7</i>
BE	1.0	1.4	1.6	1.5	1.5	1.5	1.5	0.0
BG	0.6	0.4	0.4	0.4	0.4	0.4	0.4	-5.0
CZ		2.3	1.6	2.3	2.3	2.2	2.2	1.6
DK	2.0	3.1	4.7	5.1	4.2	3.9	3.5	-10.8
DE	13.3	14.8	15.0	16.7	15.7	16.0	16.3	1.9
EE	-	-	-	-	-	-	-	
IE	-	-	-	-	-	-	-	
EL	-	-	-	0.2	0.3	0.2	0.2	0.0
ES	4.2	5.9	7.5	9.2	9.1	8.2	8.2	-0.6
FR	19.6	22.3	21.7	21.2	22.4	18.4	17.7	-3.8
IT	9.2	9.7	10.3	11.4	11.3	10.5	11.1	6.2
CY	-	-	-	-	-	-	-	
LV		5.3	6.5	3.4	2.1	1.6	2.4	49.4
LT		2.0	3.5	4.4	0.5	0.4	0.6	41.0
LU	-	-	-	-	-	-	-	
HU	5.3	2.2	2.3	2.7	3.0	3.0	3.2	6.8
MT	-	-	-	-	-	-	-	
NL	4.9	5.3	5.9	5.9	6.0	5.6	5.6	0.4
AT	6.4	6.8	7.6	7.8	7.5	7.3	7.0	-4.2
PL	13.9	13.5	20.4	25.4	21.2	22.9	24.2	5.5
PT		-	0.5	0.5	0.4	0.4	0.4	-8.2
RO	5.1	2.9	1.4	2.2	1.7	1.2	1.0	-19.9
SI	-	-	-	-	-	-	-	
SK		6.1	4.6	5.3	5.3	5.4	5.0	-5.8
FI	-	-	-	-	-	-	-	
SE	-	-	-	-	-	-	-	
UK	11.1	11.1	11.4	10.8	10.2	10.2	10.2	-0.2
HR	3.6		0.4	1.5	1.3	1.4	1.3	-10.0
MK	-	-	-	0.1	0.2	0.1	0.1	-14.6
TR		3.2	53.1	5.7	36.4	45.1	39.6	-12.1
IS	-	-	-	-	-	-	-	
NO	2.1	5.3	3.5	4.6	3.8	3.9	3.4	-10.7
CH	1.2	1.2	0.2	0.2	0.2	0.2	0.2	-6.4

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

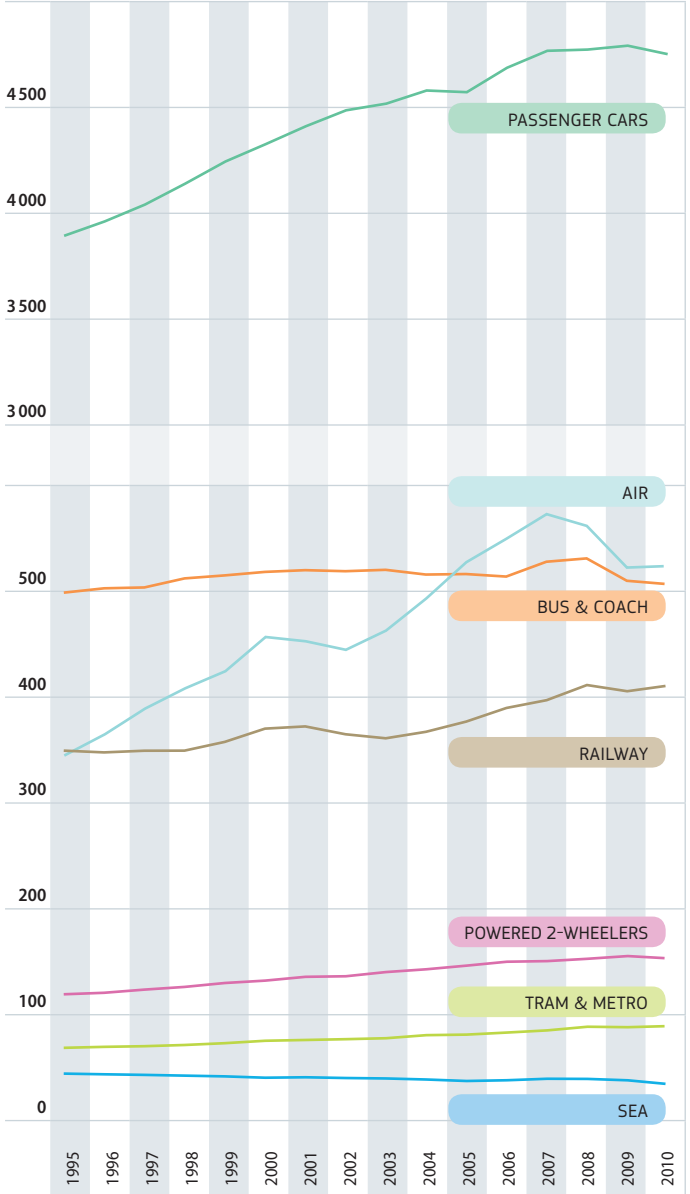
MODAL SPLIT

	%				
	ROAD ⁽¹⁾	RAIL	INLAND WATERWAYS	PIPELINES	
1990	29.8	37.3	12.4	20.5	
1995	31.2	39.7	11.0	18.1	
1996	31.1	40.3	10.4	18.1	
1997	32.0	40.0	10.3	17.7	
1998	32.0	40.6	10.0	17.4	
1999	32.1	41.1	9.9	16.9	
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.

EU-27 Performance by Mode for Passenger Transport -1995-2010

billion passenger-kilometres



2.3.2 PERFORMANCE OF PASSENGER TRANSPORT EXPRESSED IN PASSENGER-KILOMETRES

EU-27 PERFORMANCE BY MODE

PASSENGER TRANSPORT

	thousand mio pkm							
	PASSEN- GER CARS	P2W	BUS & COACH	RAILWAY	TRAM & METRO	AIR	SEA	TOTAL
1995	3879	122	497	351	71	346	44	5311
1996	3945	123	501	349	72	366	44	5400
1997	4024	126	502	351	73	390	44	5509
1998	4122	129	510	351	74	409	43	5638
1999	4227	132	513	359	75	425	43	5773
2000	4296	109	516	371	77	457	42	5868
2001	4382	113	518	373	78	453	42	5958
2002	4456	114	517	366	79	445	42	6017
2003	4483	117	519	362	79	463	41	6064
2004	4534	120	523	368	82	493	41	6160
2005	4547	123	524	377	82	527	40	6220
2006	4609	123	519	391	84	549	40	6314
2007	4674	119	534	396	86	572	41	6422
2008	4710	123	534	411	89	561	41	6470
2009	4798	122	515	403	89	522	40	6489
2010	4738	120	510	404	90	524	38	6424
'95/'10	22.1%	-1.8%	2.5%	15.2%	27.0%	51.5%	-14.2%	21.0%
/year	1.3%	-0.1%	0.2%	0.9%	1.6%	2.8%	-1.0%	1.3%
'00/'10	10.3%	9.6%	-1.2%	8.9%	16.8%	14.7%	-8.7%	9.5%
/year	1.0%	0.9%	-0.1%	0.9%	1.6%	1.4%	-0.9%	0.9%
'09/'10	-1.3%	-1.7%	-0.9%	0.3%	1.1%	0.4%	-4.7%	-1.0%

MODAL SPLIT

	%						
	PASSEN- GER CARS	P2W	BUS & COACH	RAILWAY	TRAM & METRO	AIR	SEA
1995	73.0	2.3	9.4	6.6	1.3	6.5	0.8
1996	73.1	2.3	9.3	6.5	1.3	6.8	0.8
1997	73.0	2.3	9.1	6.4	1.3	7.1	0.8
1998	73.1	2.3	9.1	6.2	1.3	7.3	0.8
1999	73.2	2.3	8.9	6.2	1.3	7.4	0.7
2000	73.2	1.9	8.8	6.3	1.3	7.8	0.7
2001	73.5	1.9	8.7	6.3	1.3	7.6	0.7
2002	74.0	1.9	8.6	6.1	1.3	7.4	0.7
2003	73.9	1.9	8.6	6.0	1.3	7.6	0.7
2004	73.6	1.9	8.5	6.0	1.3	8.0	0.7
2005	73.1	2.0	8.4	6.1	1.3	8.5	0.6
2006	73.0	1.9	8.2	6.2	1.3	8.7	0.6
2007	72.8	1.9	8.3	6.2	1.3	8.9	0.6
2008	72.8	1.9	8.3	6.4	1.4	8.7	0.6
2009	73.9	1.9	7.9	6.2	1.4	8.0	0.6
2010	73.7	1.9	7.9	6.3	1.4	8.2	0.6

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

Modal Split of Passenger Transport on Land by Country - 2010

	pkm in %			
	PASSENGER CARS	BUS & COACHES	RAILWAYS	TRAM & METRO
EU-27	82.5	8.9	7.0	1.6
EU-15	82.9	8.4	7.3	1.3
EU-12	80.0	11.6	5.4	3.0
BE	78.4	13.6	7.2	0.8
BG	77.5	17.5	3.5	1.5
CZ	65.8	18.1	6.8	9.3
DK	79.8	9.9	9.9	0.4
DE	84.6	5.9	7.9	1.6
EE	80.9	16.5	2.0	0.6
IE	84.1	12.6	3.1	0.3
EL	80.5	17.1	1.1	1.4
ES	81.1	12.1	5.3	1.5
FR	83.0	5.7	9.8	1.5
IT	81.6	12.1	5.5	0.8
CY	82.1	17.9	-	-
LV	85.3	10.2	3.9	0.6
LT	90.7	8.2	1.1	-
LU	83.5	12.1	4.5	-
HU	66.8	20.3	9.8	3.2
MT	81.5	18.5	-	-
NL	82.9	7.1	9.0	0.9
AT	74.7	10.1	11.0	4.2
PL	87.2	6.3	5.2	1.3
PT	84.1	10.6	4.1	1.1
RO	75.5	12.0	5.4	7.1
SI	86.5	10.7	2.7	-
SK	77.4	15.2	6.6	0.8
FI	84.3	9.8	5.2	0.7
SE	81.8	7.1	9.2	1.9
UK	85.3	6.1	7.3	1.3
HR	81.9	10.8	5.6	1.8
MK	77.5	20.3	2.2	-
TR				
IS	88.2	11.8	-	-
NO	87.9	6.6	4.5	0.9
CH	76.9	5.0	17.2	0.9

Notes: If powered two-wheelers are included, they account for 2.0% of the total in EU-27 (2.1% in EU-15, 2.0% in EU-12), while the share of the other modes becomes:

EU-27	80.8	8.7	6.9	1.5
EU-15	81.2	8.3	7.1	1.3
EU-12	78.5	11.4	5.3	2.9

2.3.4 PERFORMANCE OF PASSENGER TRANSPORT EXPRESSED IN PASSENGER-KILOMETRES

Passenger Cars

thousand mio pkm								%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27		3 879.2	4 295.8	4 546.9	4 710.4	4 798.1	4 737.6	-1.3
EU-15	3 111.2	3 535.5	3 863.9	4 023.5	4 072.2	4 141.0	4 084.0	-1.4
EU-12		343.7	431.9	523.4	638.2	657.2	653.6	-0.5
BE	90.2	98.2	105.5	108.9	110.4	111.5	109.1	-2.1
BG		25.0	26.9	35.1	43.2	46.3	46.9	1.3
CZ		54.5	63.9	68.6	72.4	72.3	63.6	-12.1
DK	47.2	48.4	50.6	50.0	51.7	51.4	51.0	-0.8
DE	683.1	815.3	831.3	856.9	871.3	881.1	887.0	0.7
EE		5.1	6.7	9.9	10.5	10.5	10.1	-3.8
IE	28.5	31.6	38.4	43.4	49.0	48.3	46.0	-4.8
EL	35.0	44.0	63.0	85.0	100.0	101.3	99.6	-1.7
ES	174.4	250.4	302.6	337.8	342.6	350.4	341.6	-2.5
FR	568.1	626.7	686.9	719.8	716.9	721.4	727.3	0.8
IT	522.6	614.7	713.9	677.0	676.4	719.9	700.2	-2.7
CY		3.4	3.9	4.8	5.8	6.0	5.9	-1.7
LV		7.5	11.5	12.1	17.0	16.7	16.5	-1.2
LT		16.0	26.0	34.8	38.0	36.1	29.9	-17.0
LU	4.0	4.7	5.6	6.3	6.7	6.7	6.5	-3.0
HU	47.0	45.4	46.2	49.4	54.0	54.4	52.6	-3.3
MT		1.7	1.8	2.0	2.2	2.2	2.2	0.0
NL	137.3	131.4	141.1	148.8	147.0	146.3	141.2	-3.5
AT	55.7	62.2	66.7	70.6	73.3	72.7	73.0	0.4
PL		110.7	149.7	197.3	273.5	285.0	297.9	4.5
PT	40.0	52.5	71.0	85.0	87.0	86.0	83.7	-2.7
RO		40.0	51.0	61.0	70.5	75.5	75.5	0.0
SI	13.3	16.3	20.3	22.5	24.9	25.8	25.6	-0.5
SK		18.0	23.9	25.8	26.4	26.4	26.9	1.7
FI	51.2	50.0	55.7	61.9	63.4	64.3	64.7	0.6
SE	85.9	87.6	91.9	97.3	98.4	99.4	99.2	-0.2
UK	588.0	617.9	639.7	674.8	678.1	680.2	653.8	-3.9
HR		12.5	20.0	24.0	27.0	26.8	25.7	-4.1
MK		3.7	4.2	4.5	5.0	5.2	5.5	5.8
TR	34.3	52.7	79.0	100.0	120.0	123.1	125.2	1.7
IS		3.0	3.8	4.6	4.9	5.0	4.8	-4.0
NO	43.5	44.7	51.2	54.0	57.7	58.3	59.8	2.7
CH	73.3	73.5	78.6	81.4	83.6	84.9	85.5	0.8

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

Much of the data for 2010 is provisional.

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

UK: data refers to Great Britain only; includes pkm by vans.

Buses & Coaches

thousand mio pkm								%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27		497.4	516.2	523.8	534.1	514.7	510.1	-0.9
EU-15	367.3	376.3	400.9	412.9	425.0	418.0	415.5	-0.6
EU-12		121.2	115.4	110.9	109.1	96.6	94.6	-2.1
BE	11.4	13.1	13.3	17.5	18.4	18.7	18.9	1.4
BG	26.0	11.6	14.6	13.7	13.8	10.5	10.6	1.6
CZ		18.6	16.2	15.6	16.1	16.1	17.4	8.6
DK	5.1	4.9	5.5	6.0	6.3	6.2	6.3	3.2
DE	73.1	68.5	69.0	67.1	63.6	62.1	61.8	-0.5
EE	4.5	2.0	2.6	2.7	2.5	2.1	2.1	-2.5
IE	3.9	5.2	6.1	6.7	7.5	7.1	6.9	-3.1
EL	17.7	20.2	21.7	21.7	22.1	20.9	21.1	0.9
ES	33.4	39.6	50.3	53.2	60.9	57.0	50.9	-10.8
FR	41.3	41.6	43.0	44.0	48.5	48.9	49.9	2.2
IT	84.0	87.1	93.4	101.0	102.4	102.1	103.5	1.4
CY		1.0	1.1	1.3	1.3	1.3	1.3	0.5
LV	5.9	1.8	2.3	2.9	2.5	1.9	2.0	2.8
LT	7.9	4.2	2.8	3.7	3.4	2.8	2.7	-2.9
LU	0.5	0.5	0.6	0.8	0.9	0.9	0.9	3.8
HU	19.3	16.6	18.7	17.8	17.7	15.8	16.0	1.3
MT		0.4	0.5	0.5	0.5	0.5	0.5	3.1
NL	13.0	12.0	11.3	11.8	12.5	12.1	12.1	0.4
AT	8.0	8.7	9.2	9.3	9.6	9.0	9.9	9.2
PL	46.3	34.0	31.7	29.3	26.8	24.4	21.6	-11.4
PT	10.3	11.3	11.8	11.1	10.9	10.4	10.6	1.3
RO	24.0	12.3	12.0	11.8	13.9	12.8	12.0	-6.6
SI	6.5	4.1	3.5	3.1	3.1	3.2	3.2	-0.4
SK		14.4	9.3	8.5	7.4	5.4	5.3	-1.9
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	8.5	8.5	8.6	0.5
UK	47.7	45.8	48.5	46.5	45.5	46.5	46.5	0.0
HR	7.0	4.1	3.3	3.4	4.1	3.4	3.4	-1.7
MK		0.9	0.9	1.1	1.2	1.2	1.4	18.8
TR		85.7	87.4	95.0	110.0	105.8	107.6	1.7
IS		0.4	0.5	0.6	0.6	0.6	0.6	-0.6
NO	3.9	3.8	4.1	4.3	4.4	4.4	4.5	2.4
CH	3.3	5.5	5.3	5.3	5.3	5.4	5.5	2.1

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

Much of the data for 2009 is provisional.

CS: 1990=43.4 (included in EU-27 and EU-12 totals).

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

2.3.6 PERFORMANCE OF PASSENGER TRANSPORT EXPRESSED IN PASSENGER-KILOMETRES

Tram & Metro

thousand mio pkm								%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27		<i>71.0</i>	<i>77.2</i>	<i>82.5</i>	<i>89.2</i>	<i>89.1</i>	<i>90.1</i>	<i>1.1</i>
EU-15	<i>49.0</i>	<i>48.7</i>	<i>54.7</i>	<i>60.0</i>	<i>65.0</i>	<i>65.0</i>	<i>65.8</i>	<i>1.2</i>
EU-12		<i>22.3</i>	<i>22.5</i>	<i>22.5</i>	<i>24.3</i>	<i>24.1</i>	<i>24.4</i>	<i>1.0</i>
BE	0.7	0.8	0.9	0.9	1.0	1.0	1.1	7.0
BG	0.6	0.3	0.4	0.4	0.5	0.7	0.9	32.1
CZ		7.7	8.1	7.9	9.1	9.0	9.0	0.1
DK	-	-	-	0.2	0.2	0.2	0.2	11.2
DE	<i>15.1</i>	<i>14.4</i>	<i>14.6</i>	<i>15.5</i>	<i>16.0</i>	<i>16.5</i>	<i>16.3</i>	<i>-0.9</i>
EE		<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>-2.4</i>
IE	-	-	-	0.1	0.1	0.1	0.1	1.3
EL	<i>0.8</i>	<i>0.7</i>	<i>1.2</i>	<i>1.5</i>	<i>1.7</i>	<i>1.7</i>	<i>1.7</i>	<i>1.3</i>
ES	4.4	4.3	5.2	6.0	6.5	6.3	6.3	-0.4
FR	10.2	8.9	10.9	12.4	13.3	13.2	13.4	1.8
IT	4.2	5.2	5.6	6.0	6.9	6.9	6.9	-1.0
CY	-	-	-	-	-	-	-	
LV	<i>0.73</i>	<i>0.30</i>	<i>0.27</i>	<i>0.27</i>	<i>0.26</i>	<i>0.17</i>	<i>0.12</i>	<i>-28.1</i>
LT	-	-	-	-	-	-	-	
LU	-	-	-	-	-	-	-	
HU		2.5	2.6	2.4	2.3	2.5	2.5	-1.4
MT	-	-	-	-	-	-	-	
NL	1.3	1.4	1.4	1.5	1.6	1.6	1.6	1.3
AT	2.8	3.3	3.6	3.8	4.0	4.0	4.1	2.4
PL		5.0	4.7	4.4	4.6	4.3	4.3	0.5
PT	0.7	0.5	0.5	0.8	1.1	1.1	1.1	3.9
RO		6.0	6.0	6.6	7.0	7.0	7.1	1.3
SI	-	-	-	-	-	-	-	
SK		0.4	0.4	0.4	0.4	0.3	0.3	-3.1
FI	0.4	0.4	0.5	0.5	0.5	0.5	0.5	-0.4
SE	2.0	1.9	2.0	2.0	2.2	2.2	2.3	1.8
UK	6.5	6.8	8.3	8.7	9.9	9.7	10.2	4.7
HR		0.5	0.5	0.5	0.6	0.6	0.5	-5.1
MK	-	-	-	-	-	-	-	
TR								
IS	-	-	-	-	-	-	-	
NO	0.4	0.4	0.5	0.5	0.6	0.6	0.6	5.4
CH		1.5	1.4	0.8	0.9	0.9	1.0	4.7

Notes: Data is not harmonised and therefore not fully comparable across countries.
 FR: data refers to the Paris Metro and RER (Réseau Express Régional) systems and to metros in other French cities.
 PT: data only refers to Lisbon and Porto Metro.

Railways

	thousand mio pkm							%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27	400.7	350.5	370.7	377.1	411.1	402.6	403.8	0.3
EU-15	268.9	276.1	309.4	327.6	361.7	356.7	359.5	0.8
EU-12	131.8	74.4	61.4	49.6	49.3	46.0	44.2	-3.8
BE	6.5	6.8	7.7	9.2	10.4	10.4	10.0	-3.8
BG	7.8	4.7	3.5	2.4	2.3	2.1	2.1	-2.1
CZ	13.3	8.0	7.3	6.7	6.8	6.5	6.6	1.3
DK	5.1	4.9	5.5	6.0	6.3	6.2	6.3	3.2
DE	61.0	71.0	75.4	74.9	82.4	81.2	83.0	2.2
EE	1.5	0.4	0.3	0.2	0.3	0.2	0.2	-0.6
IE	1.2	1.3	1.4	1.8	2.0	1.7	1.7	-0.3
EL	2.0	1.6	1.9	1.9	1.7	1.4	1.3	-5.4
ES	15.5	16.6	20.1	21.6	24.0	23.1	22.4	-3.2
FR	63.7	55.6	69.9	76.2	86.6	86.0	85.9	-0.2
IT	44.7	46.7	49.6	50.5	49.5	48.1	47.3	-1.7
CY	-	-	-	-	-	-	-	-
LV	5.4	1.4	0.7	0.9	1.0	0.8	0.7	-0.9
LT	3.6	1.1	0.6	0.4	0.4	0.4	0.4	4.5
LU	0.2	0.3	0.3	0.3	0.3	0.3	0.3	4.2
HU	11.4	8.4	9.7	9.9	8.3	8.1	7.7	-4.8
MT	-	-	-	-	-	-	-	-
NL	11.1	16.4	14.7	15.2	15.3	15.4	15.4	0.0
AT	8.9	10.1	8.7	9.5	10.8	10.7	10.7	0.8
PL	50.4	26.6	24.1	18.2	20.2	18.6	17.9	-3.8
PT	5.7	4.8	4.0	3.8	4.2	4.2	4.1	-1.0
RO	30.6	18.9	11.6	8.0	7.0	6.1	5.4	-11.3
SI	1.4	0.6	0.7	0.8	0.8	0.8	0.8	-3.2
SK	6.4	4.2	2.9	2.2	2.3	2.3	2.3	2.0
FI	3.3	3.2	3.4	3.5	4.1	3.9	4.0	2.1
SE	6.6	6.8	8.2	8.9	11.1	11.3	11.2	-1.2
UK	33.4	30.3	38.4	44.4	53.0	52.8	55.8	5.8
HR	3.4	1.1	1.3	1.3	1.8	1.8	1.7	-5.1
MK		0.1	0.1	0.1	0.1	0.2	0.2	0.6
TR	6.4	5.8	5.8	5.0	5.1	5.4	5.5	2.2
IS	-	-	-	-	-	-	-	-
NO	2.1	2.4	2.6	2.7	3.1	3.0	3.1	2.1
CH	12.7	11.7	12.6	16.1	17.8	18.6	19.1	2.9

2.3.8 PERFORMANCE OF PASSENGER TRANSPORT EXPRESSED IN PASSENGER-KILOMETRES

Rail

HIGH SPEED RAIL TRANSPORT (*) (1)

	thousand mio pkm													EU-27	%
	BE	CZ	DE	ES	FR	IT	NL	PT	SI	FI	SE	UK			
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	-	58.80	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	
2010	1.06	0.27	23.90	11.72	51.89	11.61	0.29	0.52	0.02	0.65	-	1.01	-	-	

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

														EU-27	%
	BE	CZ	DE	ES	FR	IT	NL	PT	SI	FI	SE	UK			
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		
2010	10.6	4.1	28.8	52.3	60.4	24.5	1.9	12.6	1.9	16.4	-	1.8	-		

Notes: (1) In this table, high-speed rail transport covers all traffic with high-speed rolling stock (incl. tilting trains able to travel at 200 km/h). This does not necessarily require high-speed infrastructure as defined in table 2.5.4.

USA

PERFORMANCE BY MODE OF TRANSPORT: PASSENGERS

	thousand mio pkm						
	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	TOTAL
1990	5 280.5	20.0	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	725.3	7 040.9
1998	6 186.9	18.2	28.3	239.4	15.8	744.7	7 233.3
1999	6 320.7	18.7	29.3	261.7	16.0	785.3	7 431.8
2000	6 456.9	18.5	31.1	259.3	17.3	834.6	7 617.7
2001	6 816.1	18.9	31.8	241.8	17.7	783.0	7 909.2
2002	6 912.4	19.5	30.8	233.9	17.6	778.2	7 992.4
2003	6 997.4	19.6	31.0	231.7	17.8	813.6	8 111.1
2004	7 188.3	20.7	32.0	232.3	18.2	898.3	8 389.7
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	6 987.7	43.7	35.3	495.5	21.0	977.8	8 561.1
2008	6 837.8	42.5	37.1	506.0	21.1	938.7	8 383.2
2009	5 828.4	36.1	36.6	490.1	21.4	887.9	7 300.5

AVERAGE ANNUAL CHANGE

	% per year						
	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	TOTAL
2000	2.2	-1.1	6.1	-0.9	7.9	6.3	2.5
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	-4.5	77.6	8.9	113.9	6.9	3.2	-0.2
2008	-2.1	-2.7	5.0	2.1	0.4	-4.0	-2.1
2009	-14.8	-15.2	-1.3	-3.1	1.6	-5.4	-12.9
'90/'95	1.5	-2.8	-1.7	2.3	3.5	3.2	1.7
'95/'00	2.5	1.3	3.7	3.4	3.4	5.1	2.8
'00/'09	-1.1	7.7	1.8	7.3	2.4	0.7	-0.5

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	84.8	0.2	0.4	3.4	0.2	11.0
2001	86.2	0.2	0.4	3.1	0.2	9.9
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	81.6	0.5	0.4	5.8	0.2	11.4
2008	81.6	0.5	0.4	6.0	0.3	11.2
2009	79.8	0.5	0.5	6.7	0.3	12.2

Notes: (*) Includes: light duty vehicles, short wheel base and long wheel base.

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	56.2	161.9	278.6	407.9	1263.7	14.3	327.4	698.1	3779.2	1378.5	2607.7	59.9	151.7
BG	152.9	182.9	235.5	110.1	1139.4	11.2	35.8	101.2	288.3	207.4	335.8	74.4	7.5
CZ	278.4	238.4	205.5	240.3	1124.8	63.9	124.6	658.6	745.2	887.0	844.1	124.5	59.2
DK	408.2	111.8	240.5	2400.6	2076.0	141.3	185.8	620.4	2183.0	1185.7	991.8	60.4	157.7
DE	1253.4	1122.8	1100.8	2063.2	24164.5	144.2	1324.5	4343.7	20892.7	6412.0	10503.7	347.6	589.0
EE	14.3	11.5	63.9	141.0	148.5	24.7	5.5	23.3	21.6	9.3	12.5	0.3	146.0
IE	326.0	39.1	124.4	185.6	1332.3	5.3	359.6	51.5	2729.4	1578.3	902.6	15.7	150.8
EL	696.8	100.7	655.4	619.0	4341.4	23.3	52.2	6296.7	643.7	1671.1	2016.5	1171.3	41.3
ES	3797.7	287.8	754.7	2203.1	21154.0	22.2	2726.0	646.7	38227.2	7777.9	10615.4	7.5	113.0
FR	1358.6	206.5	911.5	1173.8	7247.2	9.0	1564.9	1689.2	8511.6	25892.9	8193.2	106.2	102.2
IT	2596.3	336.2	842.4	992.6	10326.1	13.0	898.6	2059.4	10613.0	8194.0	29939.9	74.8	249.5
CY	59.6	74.6	124.1	60.0	357.5	0.0	15.9	1165.3	7.2	109.4	70.7	0.0	0.0
LV	151.8	7.7	58.7	158.0	591.7	168.6	150.7	42.5	113.7	103.5	249.6	0.0	0.3
LT	68.1	7.4	69.9	208.1	273.8	38.1	169.7	31.2	47.7	51.7	61.5	1.7	198.7
LU	0.6	9.8	14.9	56.3	227.3	0.0	11.6	43.6	204.7	93.6	93.4	7.7	0.1
HU	289.1	118.3	147.7	165.1	1336.6	0.0	194.2	236.2	303.7	465.1	578.2	70.1	0.0
MT	73.2	9.7	9.8	54.5	422.5	1.0	58.1	14.6	173.9	182.5	641.8	37.8	0.0
NL	196.0	173.9	464.4	954.3	2761.5	28.8	663.9	1162.0	4665.4	2422.9	2896.9	107.4	69.7
AT	391.5	358.7	131.3	396.0	6075.0	4.0	128.6	716.1	1158.8	1038.0	1040.3	146.0	44.8
PL	396.2	179.0	200.3	296.6	2842.8	13.8	796.5	533.4	845.1	783.2	1097.0	61.3	54.2
PT	697.2	6.7	62.3	250.9	2469.6	6.9	590.1	6.2	2999.6	2861.9	1176.3	0.5	0.7
RO	216.1	33.1	101.2	23.8	1024.5	0.0	59.7	248.8	1046.5	583.5	1873.4	125.2	11.7
SI	62.2	6.9	31.5	20.1	194.0	0.2	2.1	75.5	23.3	105.4	1.7	0.2	0.4
SK	61.0	48.3	158.2	0.0	24.1	0.4	88.1	97.8	143.7	66.6	241.2	3.8	0.0
FI	205.0	55.1	137.1	649.4	1485.0	164.8	18.0	338.3	905.5	558.8	424.8	60.9	412.8
SE	457.8	56.0	204.9	1525.4	2586.4	135.8	101.8	703.5	1935.6	911.8	805.3	204.3	238.9
UK	1120.8	858.3	1276.1	2412.3	11159.2	104.4	9503.2	4724.8	28705.4	10064.7	9618.9	2596.3	549.9

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

2010

INCLUDING DOMESTIC FLIGHTS (THOUSAND)

LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
68.9	0.6	289.6	72.9	198.6	395.1	397.9	695.9	219.2	63.7	62.1	206.2	459.5	1075.1
7.3	12.7	121.2	11.2	168.4	360.4	183.1	4.7	32.4	6.9	57.3	58.8	56.2	850.5
70.4	15.0	150.2	10.0	459.7	133.5	201.2	55.5	102.0	31.6	170.9	135.7	204.1	1279.7
208.7	57.3	165.0	52.3	953.3	401.8	305.4	248.1	25.1	20.5	0.0	649.9	1577.7	2411.2
273.0	190.4	1340.5	418.8	2744.1	6059.5	2894.2	2461.5	1135.9	195.5	23.8	1484.6	2583.7	11067.1
52.4	0.0	0.1	1.1	15.3	3.9	13.8	6.9	0.0	0.4	0.6	161.8	128.1	104.5
175.4	11.8	195.0	58.7	666.3	129.9	970.5	588.5	59.5	2.0	91.1	18.5	102.1	9453.8
31.9	43.0	235.3	14.3	1132.1	714.5	548.2	6.2	247.4	74.4	98.3	346.6	705.6	4684.3
47.6	210.7	307.5	173.8	4664.7	1182.4	854.7	2952.0	1111.7	23.9	142.5	929.9	2029.8	28845.8
52.2	94.2	487.3	183.1	2399.9	1088.4	776.2	2967.9	623.6	106.3	66.4	559.1	902.3	10029.1
62.2	96.1	578.2	669.8	2896.7	1047.0	1102.6	1175.2	2056.1	2.4	241.2	427.5	782.4	9592.5
1.7	7.8	69.5	38.1	115.7	147.5	62.9	0.1	129.6	0.2	3.4	62.5	209.2	2614.0
200.3	0.3	0.0	0.0	69.0	45.1	54.2	0.6	11.5	0.4	0.0	426.7	239.4	551.2
0.2	0.0	0.4	0.7	36.0	38.5	55.8	1.5	0.0	0.0	0.0	90.3	15.4	467.4
0.0	0.8	0.0	2.5	93.3	55.3	0.8	140.9	0.0	0.0	0.0	0.0	0.0	210.1
0.2	0.0	0.0	18.0	409.4	68.3	115.3	61.7	212.2	0.3	0.7	194.4	325.7	956.4
0.9	2.5	16.3	0.0	75.8	53.7	20.0	2.0	3.4	5.1	0.9	14.8	61.9	1032.6
38.1	93.8	409.8	78.1	3.4	563.1	417.6	1038.4	287.5	27.4	0.0	425.3	924.7	6941.1
38.3	55.3	67.8	53.3	557.2	762.1	248.7	41.4	480.9	59.8	28.9	207.7	400.6	1649.2
55.6	0.8	114.4	20.0	416.2	249.5	942.3	91.3	53.4	8.0	8.3	183.5	503.8	3527.2
1.2	155.6	50.0	2.2	1035.9	41.8	92.5	3011.1	25.6	0.1	0.6	159.9	157.4	4927.4
0.1	0.0	155.9	3.5	285.8	438.0	58.4	24.8	745.6	0.1	0.1	33.5	0.0	571.2
0.0	0.0	0.3	5.1	27.0	60.1	7.9	0.1	0.1	0.1	0.0	18.8	4.8	125.8
0.0	0.0	0.1	1.5	0.0	29.4	7.3	0.4	0.1	0.1	42.3	0.4	37.2	493.7
90.8	0.1	192.7	14.6	421.7	205.7	183.3	153.7	30.5	18.6	0.5	2250.3	1190.3	973.8
15.2	0.1	326.4	62.2	846.1	401.0	509.7	155.2	0.2	4.7	37.4	1189.4	6120.4	2171.5
473.5	210.6	954.7	1037.4	6873.1	1661.5	4226.1	4885.6	630.6	126.6	505.2	982.8	2188.9	20979.5

Air

MAJOR REGULAR EUROPEAN AIRLINES

DOMESTIC + INTERNATIONAL

RANKING	THOUSAND MILLION REVENUE PASSENGER-KILOMETRES							%
	AIRLINE AND COUNTRY		2000	2005	2008	2009	2010	
1	Deutsche Lufthansa	DE	94.289	112.794	126.267	123.083	129.671	5.4
2	Air France ⁽¹⁾	FR	91.848	115.879	131.657	126.272	125.048	-1.0
3	British Airways	UK	119.385	110.939	115.734	111.992	105.554	-5.7
4	KLM Royal Dutch Airlines ⁽¹⁾	NL	60.331	68.322	77.530	73.472	76.065	3.5
5	Ryanair ⁽²⁾	IE	3.386	24.008	55.446	63.090	72.165	14.4
6	Easyjet ⁽³⁾	UK	4.730	27.448	47.690	50.566	56.128	11.0
7	Iberia	ES	40.043	48.917	52.846	49.556	51.274	3.5
8	THY Turkish Airlines	TR	17.396	20.452	31.953	38.923	46.538	19.6
9	Air Berlin	DE	7.813	20.530	44.310	43.911	45.244	3.0
10	Virgin Atlantic Airways	UK	29.471	32.118	41.174	39.272	38.158	-2.8
11	Alitalia ⁽⁴⁾	IT	40.846	37.236	29.205	29.356	32.906	12.1
12	SWISS Intern. Airlines	CH	3.481	20.471	28.140	27.511	29.522	7.3
13	TAP Portugal	PT	10.414	14.536	21.908	20.849	23.649	13.4
14	SAS Scandinavian Airlines	DK/ NO /SE	22.922	27.724	27.890	23.241	23.495	1.1
15	Austrian Airlines	AT	8.799	18.835	16.458	14.759	15.923	7.9
16	Finnair	FI	7.467	11.174	16.708	15.643	15.884	1.5
17	Aer Lingus	IE	8.900	13.100	16.277	15.819	13.895	-12.2
18	Spanair	ES	9.709	10.860	8.794	9.886	9.327	-5.7
19	SN Brussels Airlines	BE	2.347	4.559	7.365	6.852	7.314	6.7
20	LOT Polish Airlines	PL	5.714	6.223	6.711	6.087	6.548	7.6
21	bmi British Midland Airways	UK	4.484	5.558	10.325	8.573	6.544	-23.7
22	CSA Czech Airlines	CZ	3.623	6.390	5.952	5.806	5.254	-9.5
23	Icelandair	IS	3.932	4.308	3.755	3.405	4.090	20.1
24	Malev Hungarian Airlines	HU	3.556	3.732	4.062	3.541	3.333	-5.9
25	Cyprus Airways	CY	2.787	3.187	3.380	3.082	3.003	-2.6
26	TAROM Romanian Air Transport	RO	2.075	1.448	2.100	1.927	2.284	18.5
27	Air Malta	MT	2.923	2.250	2.305	2.183	2.261	3.6
28	Croatia Airlines	HR	0.644	0.974	1.217	1.151	1.063	-7.7
29	JAT airways	SB	0.816	0.959	1.153	0.947	1.005	6.2
30	Adria Airways	SI	0.866	0.696	1.003	0.872	0.894	2.5
31	Luxair	LU	0.557	0.561	0.495	0.402	0.440	9.6
32	Olympic Airlines ⁽⁵⁾	EL	8.884	7.340	6.610	4.297		

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.

⁽⁵⁾ Olympic Airlines ceased operations at the end of 2009.

Air

PASSENGER TRAFFIC AT MAJOR EU AIRPORTS

PASSENGERS CARRIED (*)

RANKING	AIRPORT AND COUNTRY		(arriving + departing + in transit) MILLION PASSENGERS					% CHANGE '09/'10
			2000	2005	2008	2009	2010	
1	London / Heathrow	UK	64.29	67.68	66.91	65.90	65.74	-0.2
2	Paris / Charles de Gaulle	FR	49.67	53.38	60.50	57.69	57.95	0.5
3	Frankfurt (Main)	DE	48.96	51.79	53.19	50.57	52.65	4.1
4	Madrid / Barajas	ES	32.71	41.72	50.37	47.94	49.80	3.9
5	Amsterdam / Schiphol	NL	39.27	44.08	47.40	43.53	45.15	3.7
6	Roma / Fiumicino	IT	25.94	27.78	34.81	33.42	35.95	7.6
7	München	DE	22.87	28.45	34.40	32.56	34.52	6.0
8	London / Gatwick	UK	31.95	32.69	34.16	32.36	31.34	-3.1
9	Barcelona	ES	19.44	27.02	30.36	27.29	29.18	6.9
10	Paris / Orly	FR	23.83	24.85	26.19	25.09	25.16	0.3
11	København / Kastrup	DK	18.11	19.82	21.69	19.60	21.39	9.1
12	Palma de Mallorca	ES	19.25	21.22	22.81	21.17	21.08	-0.4
13	Wien / Schwechat	AT	5.92	15.80	19.69	18.05	19.62	8.7
14	Düsseldorf	DE	15.91	15.39	18.10	17.73	18.91	6.7
15	Milano / Malpensa	IT	20.55	19.49	19.01	17.35	18.71	7.9
16	London / Stansted	UK	11.86	21.99	22.34	19.95	18.56	-7.0
17	Dublin	IE	13.66	18.33	23.38	20.47	18.41	-10.1
18	Manchester	UK	18.32	22.08	21.06	18.63	17.66	-5.2
19	Brussel-Bruxelles / Brussels	BE	21.60	15.95	18.37	16.79	16.98	1.2
20	Stockholm / Arlanda	SE	18.61	17.16	18.13	16.06	16.96	5.6
21	Athinai / Eleftherios Venizelos	EL	13.35	14.27	16.36	16.14	15.30	-5.2
22	Berlin / Tegel	DE	10.24	11.47	14.45	14.13	14.97	5.9
23	Lisboa	PT	9.21	11.24	13.60	13.27	14.05	5.9
24	Hamburg	DE	9.82	10.57	12.78	12.18	12.88	5.8
25	Helsinki / Vantaa	FI	10.00	11.13	13.43	12.60	12.86	2.1
26	Malaga	ES	9.36	12.61	12.75	11.60	12.02	3.6
27	Praha / Ruzyně	CZ	5.55	10.72	12.59	11.60	11.51	-0.8
28	Köln-Bonn	DE	6.19	9.39	10.30	9.70	9.79	0.9
29	Nice / Côte d'Azur	FR	9.33	9.74	10.36	9.81	9.59	-2.3
30	Alicante	ES	5.98	8.93	9.56	9.11	9.37	2.8
31	Las Palmas / Gran Canaria	ES	9.12	9.69	9.98	8.93	9.28	4.0
32	Stuttgart	DE	7.98	9.25	9.88	8.88	9.14	2.9
33	London / Luton	UK	6.16	9.13	10.17	9.12	8.73	-4.2
34	Warszawa / Okęcie	PL	4.33	7.08	9.48	8.33	8.73	4.7
35	Edinburgh	UK	5.37	8.45	8.99	9.04	8.59	-5.0
36	Birmingham	UK	7.49	9.31	9.58	9.09	8.56	-5.8
37	Milano / Linate	IT	6.02	9.09	9.26	8.29	8.30	0.0
38	Budapest / Ferihegy	HU	4.68	7.92	8.43	8.08	8.17	1.2
39	Lyon / Saint-Exupéry	FR	5.92	6.46	7.80	7.57	7.79	2.9
40	Bergamo / Orio al Serio	IT	1.24	4.29	6.41	7.14	7.66	7.2

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				% CHANGE '09/'10
		2005	2008	2009	2010	
	AIRPORT PAIRS					
1	Barcelona - Madrid / Barajas	4301.0	3497.7	2942.4	3083.8	4.8
2	Toulouse / Blagnac - Paris / Orly	2327.1	2325.3	2304.8	2193.7	-4.8
3	Nice / Côte d'Azur - Paris / Orly	2262.9	2280.5	2139.4	2104.6	-1.6
4	Catania / Fontanarossa - Roma / Fiumicino	1368.7	1668.7	1635.7	1717.8	5.0
5	Madrid / Barajas - Palma de Mallorca	1640.0	1707.7	1764.3	1698.9	-3.7
6	Hamburg - München	1450.5	1704.8	1628.4	1653.0	1.5
7	Frankfurt (Main) - Berlin / Tegel	1545.6	1600.8	1552.0	1609.4	3.7
8	München - Berlin / Tegel	1419.2	1550.8	1518.6	1580.0	4.0
9	Las Palmas / Gran Canaria - Madrid / Barajas	1388.1	1596.7	1548.5	1553.7	0.3
10	Düsseldorf - München	1381.5	1562.5	1480.5	1533.4	3.6
11	Barcelona - Palma De Mallorca	1684.0	1585.9	1513.6	1532.5	1.3
12	Milano / Linate - Roma / Fiumicino	2414.6	2476.2	1720.6	1522.8	-11.5
13	London / Heathrow - Dublin	2089.4	1811.5	1620.0	1493.1	-7.8
14	Frankfurt (Main) - Hamburg	1288.3	1254.2	1202.7	1480.6	23.1
15	Palermo / Punta Raisi - Roma / Fiumicino	1106.7	1255.4	1372.3	1406.8	2.5
16	London / Heathrow - Amsterdam / Schiphol	1895.0	1709.4	1509.8	1332.9	-11.7
17	Tenerife Norte - Madrid / Barajas	1359.4	1333.5	1342.6	1319.7	-1.7
18	London / Heathrow - Paris / Charles de Gaulle	2011.1	1489.5	1338.7	1300.1	-2.9
19	Madrid / Barajas - Roma / Fiumicino	929.7	1179.6	1138.7	1268.5	11.4
20	Frankfurt (Main) - London / Heathrow	1522.5	1264.1	1194.8	1259.8	5.4
21	London / Heathrow - Edinburgh	1659.9	1318.9	1306.1	1244.4	-4.7
22	Paris / Charles de Gaulle - Roma / Fiumicino	1238.4	1439.6	1322.1	1191.2	-9.9
23	Athinai / Eleftherios Venizelos - Thessaloniki	1046.0	1122.3	1200.6	1171.6	-2.4
24	Madrid / Barajas - Lisboa	688.1	994.2	1066.6	1167.2	9.4
25	København / Kastrup - Stockholm / Arlanda	1194.1	1202.9	1076.4	1166.0	8.3
26	Köln-Bonn - München	1165.3	1224.4	1161.9	1132.5	-2.5
27	Madrid / Barajas - Paris / Orly	964.3	1101.0	1136.5	1105.9	-2.7
28	London / Heathrow - Madrid / Barajas	1118.9	1151.9	1127.2	1093.4	-3.0
29	Amsterdam / Schiphol - Madrid / Barajas	896.4	971.4	943.2	1076.3	14.1
30	Amsterdam / Schiphol - Barcelona	1103.9	1230.0	1085.2	1066.9	-1.7
31	København / Kastrup - Aalborg	526.9	813.9	908.7	1060.7	16.7
32	Paris / Orly - Ponte-à-Pitre (Guadeloupe) / Pôle Caraïbes	983.3	1097.0	990.7	1036.0	4.6
33	London / Heathrow - Roma / Fiumicino	972.6	955.4	945.2	1033.1	9.3
34	Köln-Bonn - Berlin / Tegel	916.6	1148.7	1114.3	1026.9	-7.8
35	Madrid / Barajas - Paris / Charles de Gaulle	859.9	1229.5	974.1	1020.2	4.7
36	Madrid / Barajas - Valencia	829.8	997.2	1026.2	1020.2	-0.6
37	London / Heathrow - Glasgow	1427.3	1143.3	1079.8	1003.4	-7.1
38	Amsterdam / Schiphol - Paris / Charles de Gaulle	1038.7	1103.1	1054.8	990.2	-6.1
39	München - London / Heathrow	913.7	977.2	902.4	970.4	7.5
40	Frankfurt (Main) - München	1303.1	1130.8	978.0	958.4	-2.0

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

TOTAL PASSENGERS CARRIED

RANKING	(arriving + departing from first named airport)	THOUSAND				%
		2005	2008	2009	2010	
	AIRPORT PAIRS					CHANGE '09/'10
1	London / Heathrow - New York / J.F. Kennedy Intl. NY, USA	2 940	2 803	2 479	2 517	1.5
2	London / Heathrow - Dubai Intl, United Arab Emirates	1 183	1 652	1 745	1 787	2.4
3	London / Heathrow - Hong Kong Intl, China	1 258	1 494	1 529	1 386	-9.4
4	Paris / Charles de Gaulle - New York / J.F. Kennedy Intl, NY, USA	1 730	1 214	1 184	1 190	0.5
5	London / Heathrow - Los Angeles Intl, CA, USA	1 383	1 461	1 236	1 189	-3.8
6	Paris / Charles de Gaulle - Montreal / Pierre Elliot Trudeau Intl, Canada	929	1 105	1 102	1 148	4.2
7	London / Heathrow - Chicago / O'Hare Intl, IL, USA	1 522	1 460	1 218	1 137	-6.6
8	København / Kastrup - Oslo / Gardermoen, Norway	1 247	1 302	1 107	1 132	2.3
9	London / Heathrow - Newark / Liberty Intl, NJ, USA	740	883	1 003	1 092	8.8
10	London / Heathrow - Singapore / Changi, Singapore	996	1 066	1 124	1 022	-9.1
11	Stockholm / Arlanda - Oslo / Gardermoen, Norway	937	1 047	967	1 007	4.1
12	London / Heathrow - Mumbai / Chhatrapati Shivaji Intl, India	725	840	862	957	11.1
13	London / Heathrow - Toronto / Lester B. Pearson Intl, Canada	1 067	993	1 014	941	-7.2
14	London / Heathrow - Washington / Dulles Intl, DC, USA	1 074	1 041	1 009	921	-8.8
15	London / Heathrow - New Delhi / Indira Gandhi Intl, India	384	716	756	918	21.5
16	London / Heathrow - Johannesburg Intl, South Africa	995	944	921	886	-3.8
17	London / Heathrow - Zürich, Switzerland	905	870	888	877	-1.3
18	London / Heathrow - Boston / Gen. E. Lawrence Logan Intl, MA, USA	929	843	851	866	1.9
19	London / Heathrow - San Francisco Intl, CA, USA	1 005	986	893	861	-3.6
20	London / Heathrow - Genève / Cointrin, Switzerland	570	577	604	859	42.2
21	Madrid / Barajas - Bueons Aires / Ezeiza Ministro Pistarini, Argentina	873	919	871	858	-1.5
22	Paris / Charles de Gaulle - Tokio Intl, Japan	-	919	844	849	0.6
23	London / Heathrow - Miami Intl, FL, USA	878	830	846	822	-2.9
24	Frankfurt (Main) - Chicago / O'Hare Intl, IL, USA	827	830	800	801	0.1
25	Berlin / Tegel - Zürich, Switzerland	467	730	737	801	8.6
26	Wien / Schwechat - Zürich, Switzerland	597	717	747	778	4.1
27	London / Heathrow - Istanbul / Atatürk, Turkey	525	605	653	725	10.9
28	Paris / Charles de Gaulle - Dubai Intl, United Arab Emirates	439	649	656	716	9.2
29	Madrid / Barajas - New York / J.F. Kennedy Intl, NY, USA	427	477	552	710	28.6
30	Paris / Charles de Gaulle - Tel Aviv / Ben Gurion, Israel	608	735	672	710	5.6
31	London / Heathrow - Sydney / Kingsford Smith Intl, Australia	823	832	741	696	-6.2
32	Paris / Charles de Gaulle - Zürich, Switzerland	630	703	721	695	-3.6
33	Paris / Charles de Gaulle - Istanbul / Atatürk, Turkey	415	619	692	688	-0.7
34	Düsseldorf - Antalya, Turkey	802	648	627	684	9.0
35	London / Heathrow - Narita Intl, Japan	992	831	754	683	-9.4
36	Frankfurt (Main) - Dubai Intl, United Arab Emirates	491	594	631	679	7.7
37	Frankfurt (Main) - Washington / Dulles Intl, DC, USA	709	738	686	677	-1.3
38	London / Gatwick - Orlando Intl, FL, USA	739	743	736	673	-8.5
39	Frankfurt (Main) - New York / J.F. Kennedy Intl, NY, USA	726	673	638	661	3.6
40	Paris / Charles de Gaulle - Genève / Cointrin, Switzerland	695	711	687	649	-5.6

Air

FREIGHT TRAFFIC AT MAJOR EU AIRPORTS

CARGO AND MAIL LOADED AND UNLOADED

RANKING	THOUSAND TONNES					% CHANGE '09/'10	
	AIRPORT AND COUNTRY	2000	2005	2008	2009		2010
1	Frankfurt (Main) DE	1 703.4	1 950.6	2 104.3	1 882.7	2 270.2	20.6
2	London / Heathrow UK	1 306.8	1 389.3	1 482.7	1 348.9	1 551.3	15.0
3	Amsterdam / Schiphol NL	1 222.5	1 495.6	1 592.5	1 316.8	1 538.0	16.8
4	Paris / Charles de Gaulle FR	<i>1 067.0</i>	1 217.8	1 392.1	1 202.3	1 292.5	7.5
5	Luxembourg LU	499.9	624.8	788.2	627.3	705.8	12.5
6	Köln-Bonn DE	438.3	646.8	574.1	549.0	638.2	16.2
7	Leipzig-Halle DE	13.7	12.3	430.2	508.8	637.8	25.4
8	Liège / Bierset BE	270.3	325.7	381.6	401.8	508.5	26.6
9	Milano / Malpensa IT	295.7	383.8	414.1	343.6	432.7	25.9
10	Madrid / Barajas ES	305.2	360.3	355.0	330.2	400.5	21.3
11	Brussel-Bruxelles / Brussels BE	687.4	694.5	614.4	364.4	385.0	5.7
12	Nottingham East Midlands UK	178.8	292.1	292.4	286.6	304.0	6.1
13	München DE	148.4	218.2	264.9	234.3	291.1	24.2
14	Wien / Schwechat AT	65.9	180.0	201.3	198.3	231.8	16.9
15	London / Stansted UK	167.8	254.8	230.1	213.4	229.8	7.7
16	Frankfurt / Hahn DE	75.0	100.9	122.1	105.1	164.5	56.6
17	Roma / Fiumicino IT	153.3	131.9	153.0	139.0	164.4	18.2
18	Helsinki / Vantaa FI	96.1	114.9	141.5	121.9	157.5	29.2
19	København / Kastrup DK	419.4	355.1	246.8	152.0	138.1	-9.2
20	Manchester UK	116.6	150.0	142.6	103.0	116.6	13.2
21	London / Gatwick UK	318.8	232.1	112.4	79.2	108.6	37.0
22	Barcelona ES	88.1	94.5	108.5	92.3	105.9	14.8
23	Bergamo / Orio al Serio IT	98.9	135.1	122.1	99.6	105.8	6.2
24	Dublin IE	35.5	64.1	107.5	97.3	105.3	8.2
25	Lisboa PT	114.6	100.0	101.1	95.5	105.2	10.1
26	Stockholm / Arlanda SE	<i>154.0</i>	<i>158.0</i>	<i>121.4</i>	84.2	99.4	18.0
27	Düsseldorf DE	59.4	56.5	70.2	65.1	87.1	33.7
28	Athinai / Eleftherios Venizelos EL	<i>123.4</i>	100.7	102.5	86.8	82.3	-5.2
29	Budapest / Ferihegy HU	43.5	55.5	62.5	54.1	65.3	20.6
30	Maastricht-Aachen NL	44.3	54.6	55.4	53.4	62.0	16.2
31	Oostende BE	93.5	108.3	74.8	69.8	60.0	-14.1
32	Marseille / Provence FR	36.0	51.0	54.0	57.9	59.6	3.1
33	Praha / Ruzyne CZ		51.6	47.8	42.5	58.2	37.2
34	Warszawa / Okęcie PL	<i>44.6</i>	31.1	54.6	50.1	57.1	13.9
35	Paris / Orly FR	<i>107.3</i>	80.0	72.1	63.4	53.7	-15.2
36	Toulouse / Blagnac FR	37.8	56.2	54.6	54.9	52.3	-4.6
37	Göteborg / Landvetter SE			51.0	44.6	49.4	10.8
38	Edinburgh UK	18.2	54.3	49.1	52.0	44.1	-15.2
39	Belfast UK	30.9	51.3	48.1	43.0	43.9	2.1
40	Basel-Mulhouse FR/CH		30.9	38.6	31.2	42.9	37.7

Notes: Significant underreporting of Paris airports. Data from airport websites (*in italics*) often includes 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. The extraordinary growth rate for the Leipzig airport in 2008 is mainly due to DHL moving its hub there during 2008.

Air

MOVEMENTS OF AIRCRAFT AT MAJOR EU AIRPORTS

(TAKE-OFF + LANDING, PASSENGER AND CARGO)

RANKING	AIRPORT AND COUNTRY		(not including general aviation) THOUSAND				% CHANGE '09/'10
			2005	2008	2009	2010	
1	Paris / Charles de Gaulle	FR	543.4	574.8	541.4	491.9	-9.1
2	Frankfurt (Main)	DE	475.6	477.4	455.1	456.0	0.2
3	London / Heathrow	UK	472.0	473.2	460.1	449.2	-2.4
4	Madrid / Barajas	ES	406.3	459.6	427.2	426.9	-0.1
5	Amsterdam / Schiphol	NL	408.2	435.9	396.1	390.4	-1.5
6	München	DE	382.3	409.0	377.2	368.2	-2.4
7	Roma / Fiumicino	IT	299.6	340.8	321.3	327.3	1.9
8	Barcelona	ES	294.3	312.3	269.5	268.5	-0.3
9	Wien / Schwechat	AT	227.0	262.6	239.8	242.3	1.1
10	København / Kastrup	DK	262.1	256.4	230.9	240.6	4.2
11	London / Gatwick	UK	252.0	256.4	245.4	233.5	-4.8
12	Paris / Orly	FR	230.8	234.0	223.4	215.6	-3.5
13	Düsseldorf	DE	189.0	224.4	210.0	211.4	0.6
14	Brussel-Bruxelles / Brussels	BE	228.7	233.7	211.8	205.2	-3.1
15	Milano / Malpensa	IT	222.2	208.2	180.5	187.8	4.0
16	Athinai / Eleftherios Venizelos	EL	170.3	195.0	205.5	186.6	-9.2
17	Stockholm / Arlanda	SE	222.2	213.7	186.5	185.4	-0.6
18	Helsinki / Vantaa	FI	163.1	172.9	167.7	169.9	1.4
19	Palma De Mallorca	ES	170.5	182.2	168.3	165.2	-1.9
20	Dublin	IE	169.6	202.4	169.9	156.4	-7.9
21	Berlin / Tegel	DE	137.2	154.3	147.7	150.5	1.9
22	Manchester	UK	218.0	191.2	162.1	148.9	-8.2
23	Praha / Ruzyne	CZ	150.2	168.8	155.3	147.9	-4.8
24	Nice / Côte d'Azur	FR	158.1	166.6	149.8	145.2	-3.0
25	London / Stansted	UK	178.0	177.3	156.0	143.0	-8.3
26	Hamburg	DE	134.2	150.7	137.8	138.4	0.5
27	Lisboa	PT	125.9	138.9	131.6	136.9	4.0
28	Warszawa / Okecie	PL	131.0	145.9	130.5	133.0	1.9
29	București / Henri Coandă	RO	90.2	124.4	124.8	128.1	2.7
30	Köln-Bonn	DE	139.9	128.2	120.1	120.6	0.4
31	Lyon / Saint Exupéry	FR	130.1	133.7	125.5	116.6	-7.1
32	Stuttgart	DE	135.0	134.9	117.1	111.7	-4.6
33	Edinburgh	UK	116.0	113.5	106.4	100.6	-5.5
34	Budapest / Ferihegy	HU	116.5	110.0	103.5	99.6	-3.7
35	Marseille / Provence	FR	90.3	97.9	97.9	97.3	-0.6
36	Malaga	ES	111.1	108.0	94.7	97.3	2.7
37	Las Palmas / Gran Canaria	ES	98.4	104.0	91.7	93.2	1.6
38	Milano / Linate	IT	93.1	95.6	92.9	91.5	-1.6
39	Aberdeen	UK	89.5	100.2	94.4	88.0	-6.8
40	Birmingham	UK	113.0	102.8	93.9	84.8	-9.7

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		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
EU-27	203 445	199 014	195 537						
EU-15	193 051	188 919	184 174						
EU-12	10 394	10 095	11 363						
BE	333	276	300	63	94	109			
BG	4	0	0	0	0	1	21 492	20 878	11 221
CZ									
DK	23 172	21 604	20 851	157	209	338	294	309	
DE	14 113	14 296	13 960	372	454	364	0	0	0
EE	4 585	4 556	5 569	0	0	0	378	417	392
IE	1 492	1 439	1 544	146	2	5	0	106	172
EL	45 255	43 907	42 021	334	303	0			
ES	10 265	9 706	9 424	1 027	1 088	1 190	3 370	3 597	4 187
FR	13 323	12 413	13 362	156	172	246	1 064	1 398	1 766
IT	44 761	45 496	41 959	882	2 130	1 903	1 870	1 444	1 890
CY	1	1	1	73	48	53	227	225	272
LV	213	290	334	0	0	0	51	67	59
LT	103	99	121	0	0	0	32	34	35
LU									
HU									
MT	4 148	3 886	4 031	14	14	0	528	414	0
NL	977	827	1 005						
AT									
PL	1 325	1 238	1 291	0	0	0			0
PT	382	416	351	0	0	0			
RO	0	0	0	0	0	0	37 598	12 655	22 725
SI	15	25	16	11	4	3		21 407	31 682
SK									
FI	8 497	8 624	8 969	20	21	20	344	344	323
SE	16 529	16 540	16 828	22	52	36	430	497	502
UK	13 953	13 377	13 599	705	691	796			
HR	12 983	13 019	12 554	11	7	7	1 122	1 142	1 231
IS									
NO	2 820	2 680	2 705	62	76	130	770	877	800

Sea

INWARD AND OUTWARD FLOW OF PASSENGERS BY COUNTRY

OUTWARDS

1 000	PASSENGERS			CRUISE PASSENGERS		
	excluding cruise passengers			starting and ending a cruise		
	2008	2009	2010	2008	2009	2010
EU-27	201 678	195 568	193 093			
EU-15	191 443	185 424	183 320			
EU-12	10 235	10 143	9 773			
BE	339	290	310	64	91	109
BG	4	0	0	0	0	0
CZ						
DK	23 170	21 548	20 803	158	199	0
DE	14 111	14 417	14 095	349	407	361
EE	4 605	4 584	3 943	0	0	0
IE	1 470	1 436	1 535	0	1	4
EL	45 186	43 832	41 972	326	308	0
ES	10 173	9 642	9 412	1 014	1 022	1 189
FR	13 187	12 321	13 381	147	160	228
IT	43 643	42 834	42 016	871	2 248	1 779
CY	1	0	0	74	48	54
LV	223	302	342	0	0	0
LT	109	106	130	0	0	0
LU						
HU						
MT	3 955	3 885	4 031	14	14	0
NL	982	805	989			
AT						
PL	1 322	1 243	1 310	0	0	0
PT	380	417	350	0	0	0
RO	0	0	0	0	0	0
SI	16	24	17	7	4	3
SK						
FI	8 438	8 559	8 856	20	22	21
SE	16 176	15 821	15 986	17	14	30
UK	14 188	13 502	13 614	709	710	816
HR	13 037	13 001	12 554	12	10	7
IS						
NO	3 334	3 313	2 953	13	19	21

Sea

PASSENGER TRAFFIC AT MAJOR EU SEAPORTS

PASSENGERS EMBARKED AND DISEMBARKED

RANKING	THOUSAND							CHANGE '09/'10
	PORT AND COUNTRY	2000	2005	2008	2009	2010		
1	Dover UK	16 197	13 501	14 006	13 265	13 361	0.7	
2	Paloukia Salamina EL		11 663	13 063	12 821	12 705	-0.9	
3	Perama EL		11 663	13 063	12 821	12 705	-0.9	
4	Messina IT	11 898	9 802	10 380	10 441	10 765	3.1	
5	Calais FR	15 066	11 695	11 002	10 158	10 237	0.8	
6	Reggio Di Calabria IT	11 839	9 645	10 116	11 047	9 891	-10.5	
7	Helsinki FI	9 251	8 854	8 976	9 085	9 849	8.4	
8	Piraeus EL	7 289	11 076	11 079	10 444	9 598	-8.1	
9	Stockholm SE	7 746	8 211	8 677	9 089	9 147	0.6	
10	Helsingborg SE	13 525	11 102	10 911	9 415	8 540	-9.3	
11	Helsingør (Elsinore) DK	13 322	11 023	10 912	9 415	8 534	-9.4	
12	Napoli IT	6 748	6 084	6 185	6 932	8 356	20.5	
13	Tallinn EE		6 701	6 870	6 841	7 523	10.0	
14	Capri IT	5 404	3 860	7 169	6 944	6 517	-6.2	
15	Puttgarden DE	5 430	6 760	6 768	6 305	6 261	-0.7	
16	Rødby (Færgenhavn) DK	5 430	6 761	6 756	6 305	6 261	-0.7	
17	Algeciras ES		4 828	4 988	4 608	4 663	1.2	
18	Palma Mallorca ES	1 864	4 611	5 048	4 692	4 496	-4.2	
	Cirkewwa MT		3 463	3 942	3 792	4 031	6.3	
20	Mgarr, Gozo MT		3 463	3 942	3 792	4 031	6.3	
21	Olbia IT	2 359	3 253	3 567	3 785	3 863	2.1	
22	Santa Cruz de Tenerife ES	4 927	4 564	4 191	3 887	3 807	-2.0	
23	Turku FI	3 514	3 697	3 488	3 520	3 498	-0.6	
24	Piombino IT	3 161	3 277	5 036	4 987	3 477	-30.3	
25	Mariehamn FI	1 885	3 192	3 306	3 394	3 302	-2.7	
26	Genova IT	2 444	2 406	2 510	3 454	2 991	-13.4	
27	Livorno IT	1 886	2 103	3 251	3 273	2 782	-15.0	
28	Portoferraio IT	2 641	2 829	3 927	3 971	2 769	-30.3	
29	Igoumenitsa EL	933	2 338	2 631	2 741	2 726	-0.6	
30	Porto D'Ischia IT	3 686	3 169	2 342	2 364	2 589	9.5	
31	Dunkerque FR	96	813	2 203	2 422	2 533	4.6	
32	Bastia FR	1 916	2 028	2 312	2 495	2 524	1.2	
33	Civitavecchia IT	2 241	2 099	2 677	2 837	2 440	-14.0	
34	Barcelona ES	1 424	2 208	2 314	2 405	2 358	-1.9	
35	Norddeich DE	2 253	2 257	2 267	2 394	2 287	-4.5	
36	Pozzuoli IT	2 059	1 437	1 508	1 319	2 263	71.6	
37	Portsmouth UK	3 270	2 679	2 132	2 187	2 260	3.3	
38	Rostock DE	1 767	2 417	2 713	2 431	2 195	-9.7	
39	Hirtshals DK	1 855	1 959	1 888	2 063	2 178	5.6	
40	Norderney I. DE	2 015	1 990	1 971	2 056	2 093	1.8	

Sea

FREIGHT TRAFFIC AT MAJOR EU SEAPORTS

TONNES LOADED AND UNLOADED

RANKING	PORT AND COUNTRY		MILLION					CHANGE '09/'10
			2000	2005	2008	2009	2010	
1	Rotterdam	NL	302.545	345.819	384.210	353.871	395.763	11.8
2	Antwerpen	BE	116.003	145.835	171.237	142.116	160.012	12.6
3	Hamburg	DE	76.950	108.253	118.915	94.762	104.520	10.3
4	Marseille	FR	91.279	93.308	92.523	79.846	82.427	3.2
5	Amsterdam	NL	42.044	47.133	74.366	72.750	72.702	-0.1
6	Le Havre	FR	63.885	70.801	75.636	69.228	65.771	-5.0
7	Algeciras	ES		55.184	61.869	55.840	58.565	4.9
8	Immingham	UK	52.501	60.686	65.267	54.708	54.029	-1.2
9	Valencia	ES	21.958	34.990	50.182	48.343	53.075	9.8
10	London	UK	47.892	53.843	52.965	45.442	48.062	5.8
11	Bremerhaven	DE	24.835	33.728	48.956	42.701	45.943	7.6
12	Göteborg	SE	33.261	36.479	42.331	38.934	42.938	10.3
13	Milford Haven	UK	33.768	37.547	35.875	39.293	42.788	8.9
14	Genova	IT	43.797	42.640	46.469	42.708	41.428	-3.0
15	Trieste	IT	44.015	43.355	37.195	40.986	40.557	-1.0
16	Southampton	UK	34.773	39.947	40.974	37.228	39.365	5.7
17	Dunkerque	FR	44.318	48.503	50.464	37.922	36.309	-4.3
18	Tallinn	EE		38.816	28.966	31.384	36.264	15.5
19	Tees & Hartlepool	UK	51.472	55.790	45.436	39.163	35.697	-8.9
20	Gioia Tauro	IT	21.638	29.634	31.527	34.394	35.371	2.8
21	Barcelona	ES	25.787	37.061	41.516	35.911	35.326	-1.6
22	Forth	UK	41.143	34.218	39.054	36.690	34.335	-6.4
23	Taranto	IT	33.117	47.869	49.522	38.079	34.209	-10.2
24	Zeebrugge	BE	32.660	28.442	34.768	33.943	33.878	-0.2
25	Bilbao	ES	26.623	32.219	36.862	30.606	32.440	6.0
26	Tarragona	ES	27.175	30.967	32.835	33.429	32.071	-4.1
27	Nantes Saint-Nazaire	FR	31.263	34.043	32.918	29.297	30.582	4.4
28	Constanta	RO		44.377	45.750	29.181	30.396	4.2
29	Liverpool	UK	30.421	33.775	32.204	29.936	30.020	0.3
30	Riga	LV		24.421	28.567	29.225	29.057	-0.6
31	Klaipeda	LT		20.019	27.311	25.955	28.851	11.2
32	Gent (Ghent)	BE	24.717	22.133	26.912	20.579	27.572	34.0
33	Rouen	FR	22.645	21.646	22.498	23.148	26.522	14.6
34	Gdansk	PL		22.478	17.072	18.758	26.421	40.9
35	Venezia	IT	26.293	30.547	29.920	26.640	26.212	-1.6
36	Augusta	IT	29.938	33.041	26.849	24.069	25.813	7.2
37	Felixstowe	UK	29.686	23.144	24.988	24.267	25.756	6.1
38	Sines	PT	19.957	24.929	24.669	23.857	24.728	3.7
39	Wilhelmshaven	DE	43.402	45.977	40.556	34.196	24.728	-27.7
40	Dover	UK	17.434	21.145	24.344	25.087	24.093	-4.0

Sea

INTRA-EU MARITIME TRANSPORT

(1) RELEVANCE OF INTRA-EU TRANSPORT
IN TOTAL MARITIME TRANSPORT BY EU COUNTRY 2010

	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	125.561	43.266	34.5	100.798	33.454	33.2
BG	11.847	0.832	7.0	11.099	3.610	32.5
DK	42.919	30.707	71.5	35.772	30.711	85.9
DE	165.630	67.392	40.7	102.985	43.640	42.4
EE	10.364	6.956	67.1	33.257	18.044	54.3
IE	29.756	21.178	71.2	14.186	12.572	88.6
EL	59.741	26.588	44.5	41.556	28.267	68.0
ES	252.498	78.339	31.0	123.893	59.067	47.7
FR	211.197	63.407	30.0	97.042	54.028	55.7
IT	316.683	110.122	34.8	165.559	109.812	66.3
CY(**)	6.048	1.017	16.8	0.906	0.284	31.3
LV	5.060	3.690	72.9	52.166	38.899	74.6
LT	15.447	4.663	30.2	22.422	13.718	61.2
MT	3.601	2.588	71.9	0.193	0.100	51.9
NL	385.684	101.191	26.2	152.031	74.173	48.8
PL	28.459	15.689	55.1	30.789	24.890	80.8
PT	41.367	17.288	41.8	22.603	13.865	61.3
RO(**)	16.191	1.392	8.6	20.337	6.447	31.7
SI	10.341	2.835	27.4	4.250	1.325	31.2
FI	56.056	36.571	65.2	48.465	42.226	87.1
SE	87.679	62.508	71.3	77.510	65.972	85.1
UK	304.418	166.532	54.7	194.070	149.069	76.8

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 2010

	TOTAL		
	total goods transported (*)	of which to/from EU	share of EU in total
	million tonnes	million tonnes	(%)
BE	226.333	76.695	33.9
BG	22.946	4.442	19.4
DK	73.648	56.375	76.5
DE	267.223	109.639	41.0
EE	43.599	24.979	57.3
IE	43.154	32.962	76.4
EL	88.284	41.842	47.4
ES	352.230	113.245	32.2
FR	301.175	110.372	36.6
IT	403.995	141.686	35.1
CY(**)	6.954	1.301	18.7
LV	57.060	42.423	74.3
LT	37.869	18.382	48.5
MT	3.795	2.689	70.9
NL	537.715	175.364	32.6
PL	58.881	40.212	68.3
PT	58.197	25.381	43.6
RO(**)	36.528	7.840	21.5
SI	14.591	4.160	28.5
FI	98.579	72.854	73.9
SE	161.007	124.297	77.2
UK	454.743	271.855	59.8

(2) MAIN ROUTES IN INTRA-EU MARITIME TRANSPORT 2010

RANKING	country of loading port	country of unloading port	mio tonnes transported
1	IT	IT	87.227
2	UK	UK	71.324
3	UK	NL	46.347
4	ES	ES	40.862
5	NL	UK	30.983
6	FR	UK	25.700
7	UK	FR	25.697
8	SE	DE	22.318
9	EL	EL	22.243
10	DE	SE	20.021
11	SE	SE	18.336
12	FR	FR	18.071
13	DK	DK	14.831
14	BE	UK	14.654
15	DK	SE	13.292
16	UK	BE	12.968
17	UK	DE	12.698
18	SE	UK	12.287
19	IT	ES	12.210
20	UK	IR	11.560
21	LV	NL	11.224
22	SE	FI	10.847
23	NO	UK	10.720
24	FI	DE	9.395
25	ES	IT	8.180
26	FI	FI	8.005
27	NL	DE	7.779
28	SE	DK	7.768
29	FR	ES	7.218
30	FI	SE	7.091

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	PORT AND COUNTRY		thousand TEU				%
			2005	2008	2009	2010	CHANGE '09/'10
1	Rotterdam	NL	9 194.6	10 631.0	9 579.3	11 017.5	15.0
2	Antwerpen	BE	6 220.9	8 378.9	7 014.3	8 144.4	16.1
3	Hamburg	DE	8 084.3	9 767.3	7 030.9	7 905.5	12.4
4	Bremerhaven	DE	3 696.1	5 451.4	4 552.0	4 858.3	6.7
5	Valencia	ES	2 415.2	3 606.3	3 654.4	4 211.2	15.2
6	Gioia Tauro	IT	3 123.2	3 164.8	2 724.7	3 896.7	43.0
7	Felixstowe	UK	2 759.7	3 131.4	3 020.9	3 415.1	13.0
8	Algeciras	ES	3 183.9	3 297.6	2 953.1	2 776.9	-6.0
9	Le Havre	FR	2 144.3	2 511.6	2 257.2	2 369.3	5.0
10	Barcelona	ES	2 071.4	2 564.6	1 846.2	1 928.0	4.4
11	Southampton	UK	1 384.2	1 616.8	1 384.7	1 566.5	13.1
12	Zeebrugge	BE	682.3	1 400.8	1 466.9	1 436.8	-2.1
13	La Spezia	IT	915.6	1 185.9	840.4	1 180.6	40.5
14	Las Palmas	ES	1 222.4	1 312.3	1 006.1	1 118.0	11.1
15	Marseille	FR	910.6	901.4	943.2	1 030.9	9.3
16	Genova	IT	1 037.6	1 461.9	1 311.2	1 020.0	-22.2
17	Göteborg	SE	771.7	863.9	824.2	891.5	8.2
18	Piraeus	EL	1 401.1	437.3	667.1	850.3	27.4
19	London	UK	765.1	983.5	646.4	732.7	13.3
20	Liverpool	UK	613.1	673.9	588.8	662.0	12.4
21	Dublin	IE	590.2	676.5	548.5	554.0	1.0
22	Constanta	RO	867.0	1 405.3	607.5	548.1	-9.8
23	Bilbao	ES	862.9	894.4	443.5	532.0	20.0
24	Lisboa	PT	512.2	555.9	500.3	512.0	2.3
25	Gdansk	PL	63.3	183.2	232.9	509.9	118.9
26	Cagliari	IT	583.7	181.6	233.7	486.6	108.2
27	Leixões	PT	351.8	450.1	450.1	481.8	7.0
28	Koper	SI	210.3	356.9	334.3	481.0	43.9
29	Gdynia	PL	392.9	610.9	376.2	477.0	26.8
30	Århus	DK	397.2	458.5	384.7	446.3	16.0
31	Medway	UK	702.9	767.6	422.9	439.8	4.0
32	Kotka	FI	376.5	627.1	349.2	402.4	15.3
33	Helsinki	FI	460.2	424.0	366.6	400.7	9.3
34	Sines	PT	51.0	220.5	253.5	382.1	50.7
35	Livorno	IT	461.4	216.1	425.6	369.9	-13.1
36	Lemesos (Limassol)	CY	320.8	417.0	353.7	332.5	-6.0
37	Santa Cruz de Tenerife	ES	457.6	397.8	346.3	329.8	-4.7
38	Málaga	ES	247.5	428.6	289.9	298.4	2.9
39	Klaipėda	LT	214.3	373.3	248.0	295.2	19.0
40	Thessaloniki	EL	372.5	242.0	264.0	289.2	9.5
41	Trieste	IT	182.7	147.4	156.2	261.1	67.1
42	Taranto	IT	445.1	444.4	436.2	258.3	-40.8
43	Tarragona	ES	0.0	47.4	243.5	255.4	4.9
44	Riga	LV	157.8	212.1	179.8	254.6	41.6
45	Tees & Hartlepool	UK	137.5	155.8	178.5	252.4	41.4
46	Venezia	IT	196.0	291.0	229.0	237.7	3.8
47	Tallinn	EE	189.4	269.4	194.1	226.5	16.7
48	Napoli	IT	178.5	191.2	127.1	224.2	76.4
49	Forth	UK	207.3	274.4	231.8	216.6	-6.6
50	Belfast	UK	217.1	255.0	213.8	214.6	0.4
51	Vigo	ES	204.6	247.9	193.6	213.0	10.0

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
2010	42.4	9.1	10	15	75

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: (*) Consignment = equivalent of the average amount transported by road (= 2.3 TEU)
TEU: twenty foot equivalent unit (corresponds to 10-12 tonnes)

Combined transport

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

COMPANY	THOUSAND CONSIGNMENTS (*)					%
	2000	2005	2008	2009	2010	CHANGE '09/'10
INTERNATIONAL TRAFFIC						
Kombiverkehr, DE	374.835	351.371	401.443	355.001	405.646	14.3
Hupac, CH	231.060	291.157	390.862	349.622	405.400	16.0
Cemat, IT	149.395	236.824	259.464	180.534	200.502	11.1
ICA, AT		123.753	166.115	135.371	124.544	-8.0
Ökombi, AT	148.769	90.677	120.835	97.170	114.125	17.4
IFB, BE (*)	57.747	85.889	82.946	114.803	106.589	-7.2
RAlpin, CH		79.248	85.106	92.464	91.535	-1.0
Adria Combi, SI	19.229	41.131	62.463	45.402	68.684	51.3
Hupac NV, NL	26.400	57.085	72.533	57.941	57.552	-0.7
Polzug, PL			90.329	55.708	50.783	-8.8
Naviland Cargo, FR		12.804	35.355	27.928	30.999	11.0
Novatrans, FR		37.848	35.647	32.396	30.405	-6.1
Alpe Adria, IT		22.170	32.731	26.715	28.888	8.1
Combiberia, ES		24.406	27.244	23.172	20.104	-13.2
Hungarocombi, HU	61.780	37.076	18.278	13.216	15.476	17.1
Bohemiakombi, CZ		1.424	6.302	6.401	7.605	18.8
Crokombi, HR		1.796	2.723	1.090	0.977	-10.4
Kombi Dan, DK		7.205	6.972			
NATIONAL TRAFFIC						
IFB, BE (**)		5.117	13.059	315.943	323.158	2.3
Kombiverkehr, DE	163.290	224.989	306.397	244.003	256.820	5.3
Ökombi, AT	117.146	46.792	152.236	176.706	186.404	5.5
Novatrans, FR	176.145	145.909	154.053	123.372	122.468	-0.7
Naviland Cargo, FR		111.592	113.850	102.908	109.177	6.1
Cemat, IT	194.327	187.125	163.182	91.049	101.341	11.3
Hupac, CH/DE/IT	16.200	33.610	54.095	53.583	63.688	18.9
ICA, AT		19.925	40.753	36.136	46.419	28.5
Adria Combi, SI		12.401	37.525	36.040	39.752	10.3
Alpe Adria, IT		20.324	30.701	9.806	12.307	25.5
Polzug, PL			18.081	11.553	8.287	-28.3
Rocombi, RO		11.496	12.300	2.315	1.229	-46.9

Notes: (*) Consignment = equivalent of the average amount transported by road (= 2.3 TEU).

(**) IFB joined the UIRR as active member. The 2005-2008 figures represent the activities of TRW, which have been taken over by IFB in 2009.

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	3.2	27.0	18.5	58.9
2010	10.8	3.5	28.7	20.2	63.2
AVERAGE ANNUAL CHANGE					
'85/'00	+ 9.7 %	+ 3.3 %	+ 3.9 %	+ 5.4 %	+ 5.0 %
'00/'10	+ 3.6 %	+ 10.4 %	+ 0.8 %	- 2.9 %	+ 0.1 %
'09/'10	+ 5.9 %	+ 9.4 %	+ 6.3 %	+ 9.2 %	+ 7.3 %

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	1 842	1 253	4 275
2010	943	313	1 947	1 356	4 559

Notes: Internal, import, export and transit traffic.

Source: Swiss Department of the Environment, Transport, Energy and Communications (UVEK), estimates (*in italics*)

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.

Road

ALPS AND PYRENEES CROSSING TRAFFIC

ALPS CROSSING FREIGHT TRAFFIC (*)

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	13.1	2.4	36.3
2010	14.4	9.6	14.4	3.9	42.3
AVERAGE ANNUAL CHANGE					
'85/'00	2.7%	2.1%	4.2%	0.9%	2.5%
'00/'10	-1.5%	9.7%	5.2%	-7.6%	1.1%
'09/'10	24.1%	4.3%	9.9%	62.5%	16.5%

PYRENEE CROSSING FREIGHT TRAFFIC (**)

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	2.800	4.795	2.440
1998	1.934	2.500	4.442	2.610
1999	1.600	2.600	4.241	2.793
2000	1.800	2.800	4.583	2.995
2001	1.800	2.400	4.188	2.739
2002	1.739	2.413	4.161	3.033
2003			4.284	2.841
2004			4.563	3.050
2005			4.503	3.074
2006			4.471	3.366
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
2011	2 263	56.1	1 263	7.9

	THROUGH-TRAIN	
	Passengers	Freight
	million	thousand tonnes
1995	2.920	1 411
1996	4.866	2 361
1997	6.004	2 925
1998	6.307	3 141
1999	6.593	2 865
2000	7.130	2 947
2001	6.947	2 447
2002	6.603	1 464
2003	6.315	1 744
2004	7.277	1 899
2005	7.454	1 588
2006	7.858	1 569
2007	8.261	1 214
2008	9.113	1 239
2009	9.220	1 181
2010	9.529	1 128
2011	9.680	1 325

Notes: The Channel Tunnel opened in 1994.

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

Road LENGTH OF MOTORWAYS

	km (at end of year)					
	1990	1995	2000	2005	2008	2009
EU-27	41 885	47 970	54 719	62 218	66 814	68 242
EU-15	39 616	45 468	51 490	57 995	61 635	62 848
EU-12	2 269	2 502	3 229	4 223	5 179	5 394
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	691	729
DK	611	796	923	1 032	1 128	1 130
DE	10 854	11 190	11 712	12 363	12 645	12 813
EE	41	65	93	99	104	100
IE	26	70	103	247	423	663
EL	190	421	615	1 047	1 120	1 120
ES	4 976	6 962	9 049	11 432	13 515	14 021
FR	6 824	8 275	9 766	10 798	11 042	11 163
IT	6 193	6 435	6 478	6 542	6 629	6 661
CY	120	167	257	276	257	257
LV	-	-	-	-	-	-
LT	421	394	417	417	309	309
LU	78	123	114	147	147	152
HU	267	335	448	859	1 274	1 273
MT	-	-	-	-	-	-
NL	2 092	2 208	2 265	2 600	2 637	2 631
AT	1 445	1 596	1 633	1 677	1 696	1 696
PL	257	246	358	552	765	849
PT	316	687	1 482	2 341	2 623	2 705
RO	113	113	113	228	281	321
SI	228	293	427	569	696	747
SK	192	198	296	328	384	391
FI	225	394	549	693	739	765
SE	939	1 262	1 499	1 700	1 855	1 891
UK	3 181	3 383	3 600	3 629	3 673	3 674
HR	291		411	792	1 043	1 097
MK	83			216	237	251
TR	281			1 667	1 922	2 036
IS	-	-	-	11	11	11
NO	73	107	144	264	253	344
CH	1 148	1 197	1 270	1 358	1 383	1 406

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 2009)			
	Motorways	Main or national roads	Secondary or regional roads	Other roads (*)
BE	1 763	12 760	1 349	138 000
BG	418	2 975	16 044	
CZ	729	6 198	48 791	74 919
DK	1 130	2 707	69 737	
DE	12 813	39 887	178 269	
EE	100	3 893	12 427	41 911
IE	663	4 780	11 631	78 958
EL	1 103	10 189	30 864	75 600
ES	14 021	11 612	139 833	501 053
FR	11 163	9 768	377 986	642 256
IT	6 661	19 375	154 513	
CY	257	2 136	2 834	4 203
LV		1 653	5 327	58 668
LT	309	6 358	14 591	50 680
LU	152	837	1 891	
HU	1 273	6 802	23 303	166 142
MT		184	665	1 379
NL	2 631	2 445	7 836	123 914
AT	1 696	10 003	23 653	88 666
PL	849	17 928	28 403	221 826
PT	2 705	5 976	4 431	
RO	321	16 182	65 210	
SI	747	911	5 117	32 225
SK	391	3 496	14 050	25 942
FI	765	12 563	13 537	51 295
SE	1 891	13 462	83 131	122 378
UK	3 674	49 040	122 542	244 340
HR	1 097	6 960	10 939	10 347
MK	251	660	3 771	9 258
TR	2 036	31 271	30 948	298 405
IS	11	4 934	2 920	5 007
NO	344	27 477	27 281	38 589
CH	1 406	383	18 050	51 615

Notes: (*) The definition of road types varies from country to country, the data is therefore not comparable. "Other roads" sometimes includes roads without a hard surface. EL and MT: end of 2005 (except for motorways). AT: end 2010 (except for motorways).

Railways

LENGTH OF LINES IN USE

	km							km	%
	1990	1995	2000	2005	2008	2009	2010	OF WHICH: ELECTRIFIED 2010	
EU-27	235242	227139	217857	212384	213361	212693	212345	110954	52.3
EU-15	162132	160037	152446	150316	151637	151213	151391	84755	56.0
EU-12	73110	67102	65411	62068	61724	61480	60954	26199	43.0
BE	3479	3368	3471	3544	3513	3578	3582	3064	85.5
BG	4299	4294	4320	4154	4144	4150	4097	1785	43.6
CZ		9430	9444	9614	9486	9477	9468	3210	33.9
DK	2838	2863	2787	2646	2646	2646	2646	621	23.5
DE	40981	41718	36588	34221	33855	33714	33707	19819	58.8
EE	1026	1021	968	968	919	919	787	132	16.8
IE	1944	1954	1919	1919	1919	1919	1919	52	2.7
EL	2484	2474	2385	2576	2552	2552	2552	368	14.4
ES	14539	14308	14347	15015	15550	15330	15837	9439	59.6
FR	34070	31939	29272	29286	29901	29903	29841	15635	52.4
IT	16066	16003	16187	16545	16861	17004	17022	12028	70.7
CY	-	-	-	-	-	-	-	-	-
LV	2397	2413	2331	2270	2263	1884	1897	257	13.5
LT	2007	2002	1905	1771	1765	1767	1767	122	6.9
LU	271	275	274	275	275	275	275	262	95.3
HU	7838	7714	8005	7950	7892	7892	7609	2727	35.8
MT	-	-	-	-	-	-	-	-	-
NL	2798	2739	2802	2797	2896	2886	2886	2195	76.1
AT	5624	5672	5665	5691	5664	5356	5039	3427	68.0
PL	26228	23986	22560	19507	19627	19764	19702	11854	60.2
PT	3064	2850	2814	2844	2842	2842	2842	1487	52.3
RO	11348	11376	11015	10948	10777	10776	10777	4031	37.4
SI	1196	1201	1201	1228	1228	1228	1228	503	41.0
SK	3660	3665	3662	3658	3623	3623	3622	1578	43.6
FI	5867	5880	5854	5732	5919	5919	5919	3073	51.9
SE	11193	10925	11037	11017	11032	11138	11149	7965	71.4
UK	16914	17069	17044	16208	16212	16151	16175	5320	32.9
HR	2429	2296	2726	2726	2722	2722	2722	984	36.1
MK	696	699	699	699	699	699	699	234	33.5
TR	8429	8549	8671	8697	8699	9080	9594	2791	29.1
IS	-	-	-	-	-	-	-	-	-
NO	4044	4023	4413	4334	4341	4151	4199	2765	65.8
CH	3215	3232	3216	3399	3557	3599	3597	3573	99.3

Railways

HIGH SPEED RAIL NETWORK

LENGTH OF LINES (*)

	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
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
2011	209	1 285	2 144	2 036	923	120	113	6 830

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

	LINE	LENGTH – km	START OF OPERATION
DE	München - Augsburg	62	2012
DE	Gröbers - Erfurt	98	2015
DE	Nürnberg - Erfurt	218	2017
ES	Barcelona - Figueres	132	2012
ES	(Madrid)/ Alicante / Murcia/Castellon	470	2012
ES	Vitoria - Bilbao - San Sebastian	175	2012
ES	Variante de Pajares	50	2012
ES	Bobadilla - Granada	109	2012
ES	La Coruña - Vigo	158	2012
ES	Navalmoral-Cacere-Badajoz-Fr. Port	278	
ES	Sevilla - Cadiz	152	
ES	Hellin - Cieza (Variante de Camarillas)	27	
ES	Sevilla-Antequera	128	
FR	Counterneement Nimes - Montpellier	70	2012

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	29	100	36	109	101
EU-15	26	26	81	35	98	94
EU-12	1	3	19	1	11	7
BE	1	1			2	1
BG			3			1
CZ	1				2	2
DK	1		2	1	2	2
DE	5	3	10	4	6	14
EE			1			
IE	1		2	1	3	3
EL	1		6	3	11	11
ES	4	4	15	5	5	9
FR	2	4	12	4	26	16
IT	2	6	15	4	9	2
CY		1	1			
LV			1			
LT			1	1	1	
LU			1			
HU		1				1
MT			1			
NL	1		1	1	2	
AT	1		2	2	1	
PL		1	5		4	
PT	1	2	1	1	2	3
RO			4		3	2
SI			1			
SK			1		1	1
FI	1			2	7	10
SE	1		4	3	11	13
UK	4	6	10	4	11	10
HR			3		2	2
MK				1		1
TR	3	2	6	7	11	11
IS			1		2	3
NO	1	1	6	4	16	21
CH	2		1		1	2

Notes: (*) 'Passengers carried' does 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 2010 passenger volumes (except for MK: 2009). In this table, blank means none.

Inland Waterways LENGTH IN USE

NAVIGABLE CANALS, RIVERS AND LAKES REGULARLY USED FOR TRANSPORT

	km						
	1990	2000	2005	2006	2007	2008	2009
EU-27		<i>40 693</i>	<i>41 517</i>	<i>41 429</i>	<i>41 343</i>	<i>41 076</i>	<i>41 046</i>
EU-15	<i>27 155</i>	<i>31 710</i>	<i>32 585</i>	<i>32 324</i>	<i>32 238</i>	<i>31 956</i>	<i>31 907</i>
EU-12		<i>8 983</i>	<i>8 932</i>	<i>9 105</i>	<i>9 105</i>	<i>9 120</i>	<i>9 139</i>
BE	1 515	1 534	1 516	1 516	1 516	1 516	1 516
BG	470	470	470	470	470	470	470
CZ		664	664	664	664	664	676
DK	-	-	-	-	-	-	-
DE	4 350	6 754	7 565	7 565	7 565	7 565	7 565
EE		320	320	320	320	335	335
IE	-	-	-	-	-	-	-
EL	6	6	6	6	6	6	6
ES	70	70	70	70	70	70	70
FR	6 197	5 789	5 788	5 497	5 444	5 200	5 132
IT	1 366	1 477	1 562	1 562	1 562	1 562	1 562
CY	-	-	-	-	-	-	-
LV	12	12	12	12	12	12	12
LT	369	380	290	441	441	441	448
LU	37	37	37	37	37	37	37
HU	1 373	1 373	1 587	1 587	1 587	1 587	1 587
MT	-	-	-	-	-	-	-
NL	5 046	6 183	6 082	6 096	6 074	6 102	6 102
AT	351	351	351	351	351	351	351
PL	3 997	3 813	3 638	3 660	3 660	3 660	3 660
PT	124	124	124	124	124	124	124
RO	1 782	1 779	1 779	1 779	1 779	1 779	1 779
SI	-	-	-	-	-	-	-
SK	2 379	172	172	172	172	172	172
FI	6 072	7 842	8 029	8 045	8 049	7 983	8 002
SE	390	390	390	390	390	390	390
UK	1 631	1 153	1 065	1 065	1 050	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.
DE: includes DE-E: 1970=2300, 1980=2302, 1990=2319.

Pipelines

LENGTH OF OIL PIPELINES

	km					
	1990	1995	2000	2005	2008	2009
EU-27			<i>33 958</i>	<i>35 256</i>	<i>37 611</i>	<i>37 632</i>
EU-15	19 125	20 631	22 162	23 011	24 731	24 683
EU-12			<i>11 796</i>	<i>12 245</i>	<i>12 880</i>	<i>12 949</i>
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	4 195	4 213
FR	4 948	4 983	5 746	5 746	6 196	6 199
IT	4 086	4 235	4 346	4 328	4 360	4 291
CY	-	-	-	-	-	-
LV	766	766	766	860	860	860
LT		400	500	500	500	500
LU	-	-	-	-	-	-
HU	2 574	2 071	2 061	2 032	2 206	2 207
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	2 360
PT	-	-	147	147	147	147
RO	3 694	3 546	4 423	4 807	5 268	5 260
SI	-	-	-	-	-	-
SK		515	515	515	515	509
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	1 180	1 189
CH	239		108	108	108	108

Notes: Including oil pipelines under the sea.

DE: Crude oil pipelines only; includes DE-E: 1970=1300, 1980=1301, 1990=1323 km.

CS: 1970=1090, 1980=1090, 1990=1090, 1991=1090, 1992=1083 km.

Road MOTORISATION

NUMBER OF PASSENGER CARS PER THOUSAND INHABITANTS								%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27	345	380	417	448	470	473	477	0.9
EU-15	406	435	465	489	501	502	505	0.6
EU-12	140	190	242	296	352	360	368	2.3
BE	387	421	456	468	477	479	482	0.6
BG	152	196	245	329	311	331	347	4.8
CZ	234	295	335	386	423	422	427	1.1
DK	309	320	347	362	381	383	389	1.6
DE	461	495	475	493	504	510	517	1.4
EE	154	269	339	367	412	407	412	1.3
IE	228	276	348	400	439	432	424	-1.9
EL	170	207	292	387	446	454	461	1.6
ES	309	360	431	463	483	478	480	0.4
FR	476	481	503	497	498	500	502	0.5
IT	483	533	572	590	601	603	606	0.6
CY	304	335	384	463	557	573	575	0.3
LV	106	134	236	324	413	402	286	-29.0
LT	133	199	336	428	499	509	521	2.4
LU	477	556	622	655	667	660	659	-0.2
HU	187	218	232	287	305	301	299	-0.7
MT	337	487	483	525	555	563	573	1.8
NL	367	364	409	434	458	460	452	-1.6
AT	388	452	511	504	513	521	528	1.5
PL	138	195	261	323	422	432	451	4.4
PT	185	255	336	397	415	419	421	0.5
RO	56	97	124	156	187	198	202	2.0
SI	294	357	435	479	514	517	518	0.1
SK	166	189	237	242	285	293	307	4.8
FI	388	371	412	462	507	519	535	3.2
SE	419	411	450	459	462	460	460	0.0
UK	361	378	425	469	472	470	470	0.0
HR		155	253	312	346	346	343	-0.8
MK		145	148	124	128	137	151	9.7
TR		49	65	80	95	98	102	4.7
IS	468	445	561	625	657	652	649	-0.5
NO	380	386	411	437	458	462	469	1.6
CH	442	457	492	518	518	515	518	0.6

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

Road PASSENGER CARS

STOCK OF REGISTERED VEHICLES

	thousand							%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27	163 048	181 751	200 868	220 223	233 852	236 040	238 762	1.2
EU-15	148 041	161 539	175 513	189 611	197 481	198 863	200 805	1.0
EU-12	15 007	20 212	25 355	30 612	36 371	37 178	37 956	2.1
BE	3 864	4 273	4 678	4 919	5 131	5 193	5 276	1.6
BG	1 317	1 648	1 993	2 538	2 366	2 502	2 602	4.0
CZ	2 410	3 043	3 439	3 959	4 423	4 435	4 496	1.4
DK	1 590	1 679	1 854	1 965	2 099	2 120	2 164	2.0
DE	36 772	40 499	39 059	40 660	41 321	41 738	42 302	1.4
EE	241	383	464	494	552	546	553	1.3
IE	801	998	1 333	1 684	1 953	1 931	1 899	-1.6
EL	1 736	2 205	3 195	4 303	5 024	5 132	5 217	1.7
ES	11 996	14 212	17 449	20 250	22 145	21 983	22 147	0.7
FR	27 072	27 872	29 808	30 497	31 109	31 394	31 709	1.0
IT	27 416	30 301	32 584	34 667	36 105	36 372	36 751	1.0
CY	179	220	268	355	444	461	463	0.5
LV	283	332	557	742	933	904	637	-29.6
LT	493	718	1 172	1 455	1 671	1 695	1 692	-0.2
LU	183	229	273	307	329	332	337	1.7
HU	1 944	2 245	2 365	2 889	3 055	3 014	2 984	-1.0
MT	120	181	189	213	229	233	239	2.6
NL	5 509	5 633	6 539	7 092	7 542	7 622	7 536	-1.1
AT	2 991	3 594	4 097	4 157	4 285	4 360	4 441	1.9
PL	5 261	7 517	9 991	12 339	16 080	16 495	17 240	4.5
PT	1 849	2 560	3 443	4 200	4 408	4 457	4 480	0.5
RO	1 292	2 197	2 778	3 364	4 027	4 245	4 320	1.8
SI	587	711	866	960	1 045	1 059	1 062	0.3
SK	880	1 016	1 274	1 304	1 545	1 589	1 669	5.0
FI	1 939	1 901	2 135	2 430	2 700	2 777	2 877	3.6
SE	3 601	3 631	3 999	4 154	4 279	4 301	4 335	0.8
UK	20 722	21 951	25 067	28 326	29 050	29 152	29 334	0.6
HR		711	1 125	1 385	1 535	1 533	1 515	-1.1
MK		286	300	253	263	282	310	9.9
TR		3 059	4 422	5 773	6 797	7 094	7 545	6.4
IS	120	119	159	187	210	207	207	-0.3
NO	1 613	1 685	1 852	2 029	2 197	2 244	2 309	2.9
CH	2 985	3 229	3 545	3 861	3 990	4 010	4 076	1.7
LI	17	19	22	24	25	26	27	3.8

Notes: Stock at end of year, except for BE: 1 August, CH: 30 September, LI: 1 July.
Taxis are usually included. HR: from 2009 light vans are included in passenger cars and no longer in Good Vehicles.

Road BUSES AND COACHES

STOCK OF REGISTERED VEHICLES

	thousand							%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27	738.2	752.9	776.8	790.3	813.6	820.4	818.6	-0.2
EU-15	480.1	483.7	523.3	548.5	568.8	576.3	578.5	0.4
EU-12	258.1	269.3	253.5	241.8	244.8	244.1	240.1	-1.6
BE	15.6	14.6	14.7	15.4	16.0	16.1	16.2	1.0
BG	34.6	41.8	43.0	37.8	25.2	25.1	24.5	-2.4
CZ	20.5	20.5	19.0	20.9	21.1	20.7	20.4	-1.4
DK	8.1	13.7	14.0	14.4	14.5	14.5	14.5	-0.1
DE	100.4	85.4	77.2	75.2	75.3	76.4	76.5	0.0
EE	7.9	7.0	6.1	5.2	4.3	4.1	4.2	2.4
IE	4.0	5.3	7.0	7.6	8.9	8.6	8.2	-3.6
EL	21.4	24.6	27.0	26.8	27.2	27.3	27.3	0.0
ES	45.8	47.4	54.7	58.2	62.2	62.7	62.4	-0.3
FR	73.7	81.8	85.7	90.1	92.9	95.8	96.2	0.4
IT	77.7	75.0	88.0	94.4	97.6	98.7	99.9	1.2
CY	2.3	2.7	2.9	3.2	3.4	3.4	3.4	-1.3
LV	12.1	16.5	11.5	10.6	10.5	9.7	5.4	-44.5
LT	15.2	17.6	15.5	15.3	14.3	13.8	13.7	-0.8
LU	0.8	0.9	1.1	1.3	1.5	1.6	1.6	0.8
HU	26.4	20.5	17.9	17.5	18.0	17.7	17.6	-0.4
MT	1.0	1.0	1.1	1.1	1.2	1.2	1.2	4.6
NL	12.1	11.6	11.4	11.0	11.3	11.6	11.3	-3.1
AT	9.4	9.8	9.9	9.3	9.4	9.6	9.6	0.5
PL	92.4	85.4	82.6	79.6	92.4	95.4	97.0	1.7
PT	12.1	15.0	19.8	14.7	15.4	15.5	15.6	0.6
RO	28.3	42.0	40.7	39.3	41.5	41.2	40.9	-0.7
SI	3.1	2.5	2.3	2.3	2.4	2.4	2.4	0.3
SK	14.3	11.8	10.9	9.1	10.5	9.4	9.4	-0.5
FI	9.3	8.1	9.9	10.9	12.3	13.0	13.7	4.9
SE	14.6	14.6	14.4	13.5	13.5	13.4	13.9	3.5
UK	75.0	75.9	88.6	105.6	110.9	111.5	111.5	0.0
HR	5.8	3.9	4.7	4.9	5.1	5.1	4.9	-3.8
MK	2.3	2.5	2.5	2.3	2.3	2.5	2.7	9.8
TR	188.1	263.2	354.3	501.9	583.5	585.1	595.5	1.8
IS	1.3	1.3	1.7	1.9	2.0	1.9	1.9	1.5
NO	21.2	32.5	36.7	28.8	23.3	21.5	20.3	-5.2
CH	31.2	36.5	40.3	45.8	48.5	50.7	52.8	4.1
LI			0.1	0.1	0.1	0.1	0.1	1.9

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

Road GOODS VEHICLES

STOCK OF REGISTERED VEHICLES

	thousand							%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27		22811.7	27 098.5	31 177.1	33 675.3	33 834.9	34 092.5	0.8
EU-15	17 536.5	19 849.3	23 256.0	26 452.9	28 077.1	28 117.6	28 232.3	0.4
EU-12		2 962.4	3 842.5	4 724.2	5 598.2	5 717.2	5 860.3	2.5
BE	380.4	442.5	548.4	652.1	711.9	724.1	737.5	1.9
BG	161.6	223.2	259.4	333.9	299.2	317.8	333.5	4.9
CZ		219.3	298.3	439.2	607.4	601.8	598.0	-0.6
DK	286.6	333.8	384.9	469.5	531.4	507.9	485.1	-4.5
DE	1 653.0	2 378.7	2 419.1	2 404.9	2 523.6	2 556.0	2 619.4	2.5
EE	67.7	65.6	82.1	86.2	83.4	81.1	81.2	0.1
IE	143.2	141.8	205.6	286.5	351.3	343.9	327.1	-4.9
EL	766.4	883.8	1 057.4	1 186.5	1 289.5	1 302.4	1 318.8	1.3
ES	2 401.1	3 024.2	3 923.2	4 849.6	5 405.6	5 342.9	5 303.5	-0.7
FR	4 670.0	4 926.0	5 151.7	5 346.7	5 212.0	5 238.6	5 239.4	0.0
IT	2 349.0	2 708.8	3 377.6	4 179.7	4 534.7	4 584.2	4 640.4	1.2
CY	74.3	101.2	114.7	118.4	121.8	124.1	120.7	-2.7
LV		68.7	97.1	113.1	129.8	120.6	71.6	-40.6
LT	83.0	108.9	98.6	122.5	150.1	146.3	133.9	-8.5
LU	11.3	15.8	24.7	29.6	34.4	34.7	35.6	2.6
HU	262.0	292.1	366.4	427.6	470.8	466.7	464.9	-0.4
MT		40.8	51.5	44.4	48.2	47.2	47.6	0.7
NL	553.0	654.0	899.0	1 004.5	1 025.9	1 017.3	1 004.0	-1.3
AT	261.8	302.9	344.5	358.0	381.3	388.0	396.8	2.3
PL		1 354.1	1 879.1	2 304.5	2 709.7	2 796.8	2 981.6	6.6
PT	781.0	912.3	1 313.2	1 308.0	1 335.0	1 337.0	1 337.0	0.0
RO	258.7	343.1	427.2	493.8	645.3	661.9	667.2	0.8
SI	30.8	42.9	54.3	66.4	83.9	83.6	84.1	0.6
SK	92.0	102.6	114.0	174.2	248.7	269.3	276.0	2.5
FI	264.2	252.0	304.3	363.6	424.5	443.9	464.4	4.6
SE	309.5	307.7	374.2	461.2	510.2	514.6	526.4	2.3
UK	2 706.0	2 565.0	2 928.3	3 552.4	3 805.8	3 782.1	3 796.9	0.4
HR		73.5	122.5	162.9	180.3	164.8	157.7	-4.3
MK		22.6	24.6	18.0	17.3	18.4	18.2	-0.9
TR		830.0	1 351.8	2 152.0	2 810.2	2 932.3	3 125.4	6.6
IS	13.1	14.8	19.4	25.5	31.8	30.9	30.4	-1.6
NO	308.3	349.5	414.3	465.4	523.4	524.2	527.0	0.6
CH	252.1	262.4	278.5	307.2	326.2	327.8	335.2	2.3
LI			2.5	2.6	2.7	2.7	2.8	2.9

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

As a rule, data includes heavy and light goods vehicles, lorries and road tractors; due to varying concepts of such vehicles, data is not fully comparable between countries.

HR: from 2009 light vans are included in passenger cars and no longer in Good Vehicles.

Road POWERED TWO-WHEELERS

STOCK OF REGISTERED VEHICLES

	thousand						%
	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27		23367.4	29703.5	33993.9	34048.4	34556.3	1.5
EU-15		20805.5	27127.6	30849.0	30673.9	31025.2	1.1
EU-12		2561.9	2575.9	3144.9	3374.5	3531.0	4.6
BE		277.8	346.3	388.3	403.9	418.9	3.7
BG	519.3	520.5	146.5	106.9	117.6	125.4	6.6
CZ	915.2	748.1	794.0	892.8	903.3	924.3	2.3
DK	58.0	138.3	171.9	204.8	205.2	203.6	-0.8
DE	3995.5	4438.1	5202.9	5852.3	5866.8	5870.9	0.1
EE	3.3	6.7	10.2	17.6	18.6	19.7	5.9
IE	23.5	30.6	34.3	39.4	39.6	38.1	-3.6
EL		781.4	1124.2	1388.6	1448.9	1499.1	3.5
ES	1301.2	1445.6	4117.6	4911.5	4958.9	4967.9	0.2
FR	2289.0	2410.0	2475.3	3857.0	3532.0	3918.0	10.9
IT	6228.3	7826.9	9298.4	9180.1	9018.1	8855.0	-1.8
CY	50.4	43.3	40.4	43.2	42.7	40.7	-4.6
LV	15.8	20.7	32.5	51.3	52.0	36.7	-29.4
LT	20.0	19.8	24.0	45.6	51.4	56.3	9.5
LU	28.4	32.8	37.7	40.3	41.3	42.1	2.0
HU		91.2	122.7	141.5	142.0	142.3	0.2
MT	17.4	12.4	12.0	14.4	14.4	14.8	3.1
NL	855.0	970.8	1112.9	1479.5	1579.1	1664.3	5.4
AT	546.4	632.7	627.7	691.2	712.1	727.9	2.2
PL	929.0	803.0	1091.2	1607.3	1808.7	1935.1	7.0
PT	216.3	345.9	588.4	535.0	533.3	498.0	-6.6
RO	327.7	239.2	197.4	71.8	80.0	85.2	6.5
SI	8.5	11.2	48.7	82.0	88.4	91.0	2.9
SK	81.8	45.6	56.4	70.3	55.4	59.6	7.4
FI	159.5	193.4	301.8	421.5	456.2	486.8	6.7
SE	264.2	310.1	453.1	553.9	571.9	570.2	-0.3
UK	714.0	971.0	1235.0	1305.6	1306.8	1264.4	-3.2
HR	9.9	21.9	128.4	183.8	184.5	176.8	-4.2
MK			1.7	8.6	9.1	7.8	-14.7
TR	819.9	1011.3	1441.1	2181.4	2303.3	2389.5	3.7
IS	1.9	2.3	4.2	9.0	9.4	9.7	2.5
NO	158.6	201.6	257.5	296.4	306.8	315.5	2.8
CH	704.1	732.6	770.3	804.1	806.6	815.7	1.1
LI		2.6	3.1	3.4	3.6	3.7	4.4

Notes: Stock at end of year except for BE: 1 August CH: 30 September LI: 1 July. National vehicle stock data does not always include all powered two-wheelers and is 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	2008	2009	2010	2011	CHANGE '10/'11
EU-27		15 092.2	14 361.4	14 179.6	13 392.0	13 165.0	-1.7
EU-15	14 319.1	14 111.9	13 152.9	13 299.0	12 554.6	12 345.6	-1.7
EU-12		980.3	1 208.5	880.6	837.4	819.5	-2.1
BE	515.2	480.1	535.9	476.2	547.3	570.8	4.3
BG		32.7	43.8	25.0	15.6	18.6	19.1
CZ		151.7	182.6	167.7	169.6	173.1	2.1
DK	112.7	146.9	150.1	112.2	153.6	168.9	10.0
DE	3 378.3	3 319.3	3 090.0	3 807.2	2 916.3	3 173.6	8.8
EE		19.6	24.6	9.9	10.3	17.1	65.8
IE	230.8	171.7	151.6	57.5	88.4	89.9	1.6
EL	290.2	269.7	267.3	219.7	141.5	97.7	-31.0
ES	1 381.3	1 528.9	1 161.2	952.8	982.0	808.1	-17.7
FR	2 133.9	2 067.8	2 050.3	2 302.4	2 251.7	2 204.2	-2.1
IT	2 423.1	2 237.4	2 161.7	2 159.5	1 961.6	1 748.1	-10.9
CY	8.2	19.2	24.2	15.9	15.1	14.7	-2.6
LV		16.6	19.8	5.4	6.4	11.0	72.5
LT		10.5	22.2	7.5	8.0	13.2	66.0
LU	41.9	48.5	52.4	47.3	49.7	51.3	3.1
HU		199.0	153.3	60.2	43.5	45.1	3.7
MT		6.6	5.4	5.9	4.1	5.4	33.8
NL	597.6	465.2	499.9	387.2	482.6	556.1	15.2
AT	309.4	307.9	293.7	319.4	328.6	356.1	8.4
PL		235.5	320.0	320.2	333.5	298.1	-10.6
PT	257.8	206.5	213.4	161.0	223.5	153.4	-31.3
RO		172.5	271.0	130.2	106.3	94.8	-10.9
SI		59.3	71.6	58.0	61.1	60.2	-1.6
SK		57.1	70.0	74.7	64.0	68.2	6.5
FI	134.6	147.9	139.6	88.3	107.3	121.2	12.9
SE	290.5	274.3	254.0	213.4	289.7	304.8	5.2
UK	2 221.7	2 439.7	2 131.8	1 995.0	2 030.8	1 941.3	-4.4
HR	92.4	102.1	95.7	53.3			
MK							
TR		406.8	353.2	358.0	485.6		
IS	13.6	18.1	9.0	2.1	3.1	5.0	62.2
NO	97.4	109.9	110.6	98.7	127.8	138.3	8.3
CH	316.5	264.9	288.6	266.0	292.5	317.0	8.4

Notes: RO: Sales.

Road GOODS VEHICLES

NEW VEHICLE REGISTRATIONS

	LIGHT COMMERCIAL VEHICLES			COMMERCIAL VEHICLES			HEAVY COMMERCIAL VEHICLES		
	<3.5t		CHANGE '10/'11	>3.5t & <16t		CHANGE '10/'11	>16t		CHANGE '10/'11
	2010	2011		2010	2011		2010	2011	
EU-27	1487351	1596888	7.4						
EU-15	1396689	1491625	6.8	69013	76930	11.5	150668	196336	30.3
EU-12	90662	105263	16.1						
BE	54856	64049	16.8	2477	2438	-1.6	5577	7795	39.8
BG	3121	2927	-6.2					52	
CZ	11429	13377	17.0	1288	1436	11.5	3665	5999	63.7
DK	16092	23600	46.7	522	384	-26.4	2318	3164	36.5
DE	197270	233617	18.4	30841	35943	16.5	48827	60218	23.3
EE	1370	2435	77.7	50	52	4.0	320	694	116.9
IE	9957	10868	9.1	875	690	-21.1	611	807	32.1
EL	10632	6357	-40.2	688	283	-58.9	618	264	-57.3
ES	116004	104374	-10.0	3573	3410	-4.6	10117	12896	27.5
FR	415448	426652	2.7	7687	9501	23.6	28172	39864	41.5
IT	179502	172265	-4.0	6098	6581	7.9	11749	14166	20.6
CY	3584	2596	-27.6	(1)	(1)		(1)	(1)	
LV	571	1755	207.4	59	110	86.4	410	1280	212.2
LT	936	1824	94.9	69	124	79.7	1300	2638	102.9
LU	3246	3592	10.7	147	193	31.3	700	1153	64.7
HU	9187	11446	24.6	313	417	33.2	1965	3884	97.7
MT	924	1392	50.6	(1)	(1)		(1)	(1)	
NL	49564	58653	18.3	1689	1753	3.8	8959	11172	24.7
AT	27992	32563	16.3	798	899	12.7	4387	6446	46.9
PL	38647	45511	17.8	4497			8516		
PT	45650	34877	-23.6	745	651	-12.6	2389	2088	-12.6
RO	9238	10531	14.0	746	561	-24.8	2160	1574	-27.1
SI	4703	5753	22.3	201	173	-13.9	682	1209	77.3
SK	6952	5716	-17.8	505	596	18.0	1946	3211	65.0
FI	10821	14346	32.6	1011	1085	7.3	1867	2345	25.6
SE	37778	46280	22.5	759	934	23.1	4076	5018	23.1
UK	221877	259532	17.0	11103	12185	9.7	20301	28940	42.6
IS	220	344	56.4	15	17	13.3	26	29	11.5
NO	29040	35513	22.3	1553	1842	18.6	2525	3268	29.4
CH	25697	30387	18.3	1003	1205	20.1	2601	3275	25.9

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		BUSES & COACHES		HEAVY BUSES & COACHES		TOTAL		% CHANGE '10/'11
	<3.5t		>3.5t & <16t		>16t				
	2010	2011	2010	2011	2010	2011	2010	2011	
EU-27									
EU-15	3970	3018	10881	8760	19153	21402	34004	33180	-2.4
EU-12									
BE	3	0	257	171	755	537	1015	708	-30.2
BG				0					
CZ	0	0	140	165	525	554	665	719	8.1
DK	375	344	254	164	375	294	1004	802	-20.1
DE	4	18	928	775	4287	4249	5219	5042	-3.4
EE	0	0	120	65	48	30	168	95	-43.5
IE	88	99	48	25	36	58	172	182	5.8
EL	38	8	80	47	285	43	403	98	-75.7
ES			723	712	1687	1961	2410	2673	10.9
FR	1	3	1240	1295	4666	5508	5907	6806	15.2
IT	31	0	1829	1878	2442	4030	4302	5908	37.3
CY	248	44	(1)	(1)	(1)	(1)	246	42	-82.9
LV	0	1	82	170	47	16	129	187	45.0
LT	4	5	86	86	4	18	94	109	16.0
LU			15	26	159	162	174	188	8.0
HU	8	3	105	52	167	97	280	152	-45.7
MT	15	6	0	185	8	19	23	210	813.0
NL			260	3	312	226	572	229	-60.0
AT	10	6	119	109	580	487	709	602	-15.1
PL	1877	1555	21	0			1898	1555	-18.1
PT		0	238	151	254	187	492	338	-31.3
RO	717	688	8	46	97	48	822	782	-4.9
SI	1	0	46	45	96	78	143	123	-14.0
SK	0	0	105	69	323	235	428	304	-29.0
FI	16	14	247	196	256	191	519	401	-22.7
SE	235	161	317	200	1105	1269	1657	1630	-1.6
UK	3169	2365	4326	3008	1954	2200	9449	7573	-19.9
IS	10	22	7	8	11	4	28	34	21.4
NO	37	6	466	401	979	938	1482	1345	-9.2
CH	453	313	115	113	372	511	940	937	-0.3

Notes: ⁽¹⁾ Figures included in other categories.

Road MOTORCYCLES

NEW VEHICLE REGISTRATIONS

	thousand					%
	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27						
EU-15	1 333.2	1 296.0	1 355.4	1 194.4	1 062.8	-11.0
EU-12						
BE	25.3	25.0	26.4	26.4	26.4	0.0
BG						
CZ	3.9	7.6	9.6	7.2	4.9	-31.5
DK	3.3	5.8	6.7	5.2	3.1	-40.8
DE	252.6	168.7	166.3	139.0	122.3	-12.0
EE	0.1	0.3	1.2	0.5	0.5	-0.9
IE	3.8	2.4	2.6	1.4	1.1	-21.8
EL	64.0	83.1	100.1	69.2	61.5	-11.1
ES	72.0	205.6	209.9	134.6	135.3	0.5
FR	179.6	196.6	237.6	200.0	231.6	15.8
IT	524.6	420.5	408.2	445.6	320.4	-28.1
CY		2.5	4.5	3.1	3.1	-2.5
LV		0.4	1.6	0.4	0.4	23.1
LT	0.4	1.7	5.6	3.9	0.3	-92.3
LU	1.3	1.3	1.4	1.6	1.6	0.6
HU		12.5	12.3	4.0	3.2	-20.3
MT		0.4	0.7	0.6	0.5	-11.0
NL	19.6	16.8	17.0	18.3	15.2	-16.6
AT	23.8	19.1	24.5	23.7	21.4	-9.6
PL		3.8	10.7	9.4	8.7	-7.5
PT	17.7	11.2	10.8	13.5	18.9	40.2
RO		0.8	7.0	8.6	8.6	0.0
SI	1.2	2.5	5.3	3.8	2.7	-30.0
SK		1.2	3.1	2.3	2.3	-0.3
FI	5.2	9.2	9.1	8.8	9.5	7.2
SE	18.4	22.8	20.4	11.8	13.2	11.1
UK	121.9	108.1	114.5	95.2	81.3	-14.6
HR		6.7	8.8	4.7	2.9	-39.6
MK			6.4			
TR		227.7	189.6	138.9	106.9	-23.1
IS						
NO		6.2	10.1	4.3	4.0	-8.8
CH		45.1	48.6	34.7	33.7	-2.8

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

Road MOPEDS

NEW VEHICLE DELIVERIES

	thousand					%
	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27						
EU-15	1 094.9	673.0	715.9	630.5	532.6	-15.5
EU-12						
BE	33.2	17.3	19.6	17.0	14.2	-16.6
BG						
CZ		8.0	5.7	4.3	6.8	57.2
DK	9.8	4.9	3.7	17.4	16.3	-6.4
DE	108.7	97.3	79.6	74.7	64.9	-13.1
EE		8.0	5.7	0.0	0.0	-30.4
IE	3.0	0.8	0.5	0.4	0.2	-53.9
EL	19.2	24.1	25.0	20.4	0.1	-99.4
ES	248.6	115.1	84.2	44.0	34.2	-22.2
FR	192.3	154.9	190.3	157.0	144.5	-8.0
IT	311.8	128.3	123.1	114.4	88.4	-22.7
CY		2.1	1.7	1.4	0.5	-67.7
LV		0.6	3.7	0.6	1.0	49.5
LT			5.4	3.5	1.2	-66.3
LU	0.5	0.5	0.7	0.6	0.7	8.4
HU						
MT						
NL	66.9	40.9	69.6	93.8	93.7	-0.1
AT	21.3	27.7	31.0	26.1	24.9	-4.4
PL		23.3	136.0	94.0	72.2	-23.2
PT	15.0		7.2	5.7	4.6	-18.4
RO						
SI		3.1	5.9	4.6	3.5	-23.9
SK		2.0	2.6	2.1	1.8	-11.8
FI	6.4	20.9	25.3	21.1	17.9	-15.0
SE	10.0	15.4	31.1	21.4	13.3	-38.2
UK	48.2	24.7	25.0	16.4	14.5	-11.6
HR		13.2	19.8	10.6	6.4	-39.1
MK						
TR				2.4	1.5	-38.3
IS						
NO		11.9	11.4	9.0	8.1	-10.8
CH		3.1	3.1	9.4	8.4	-10.4

Notes: CY: new and used.

Sea EU MERCHANT FLEET

SHIPS OF 1 000 grt AND OVER

On 1 January 2010

	TOTAL FLEET CONTROLLED		NATIONAL FLAG		FOREIGN FLAG (INCLUDING OTHER EU)		SHARE OF FOREIGN FLAG IN TOTAL FLEET	
	Number	<i>mio dwt</i>	Number	<i>mio dwt</i>	Number	<i>mio dwt</i>	Number	<i>mio dwt</i>
EU-27	11 614	432.246	3 509	132.200	8 105	300.046		
EU-15	10 793	417.610	3 280	128.059	7 513	289.551		
EU-12	821	14.636	229	4.141	592	10.495		
BE	167	11.947	59	5.373	108	6.574	64.7	55.0
BG	30	0.396	1	0.003	29	0.393	96.7	99.2
CZ	1	0.004			1	0.004		
DK	843	32.203	301	12.467	542	19.736	64.3	61.3
DE	3 567	104.129	433	17.154	3 134	86.975	87.9	83.5
EE	103	0.403	20	0.069	83	0.334	80.6	82.9
IE	39	0.178	18	0.092	21	0.086	53.8	48.3
EL	3 120	188	740	58.753	2 380	128.785	76.3	68.7
ES	256	4.874	114	1.360	142	3.514	55.5	72.1
FR	244	6.877	117	2.798	127	4.079	52.0	59.3
IT	755	21.038	536	14.754	219	6.284	29.0	29.9
CY	322	7.952	128	3.548	194	4.404	60.2	55.4
LV	101	1.537	7	0.047	94	1.490	93.1	96.9
LT	64	0.384	36	0.275	28	0.109	43.8	28.4
LU	4	0.096			4	0.096		
HU								
MT	16	0.056	14	0.050	2	0.006	12.5	10.7
NL	622	6.866	462	4.301	160	2.565	25.7	37.4
AT	5	0.028	2	0.012	3	0.016	60.0	57.1
PL	111	2.448	13	0.038	98	2.410	88.3	98.4
PT	39	0.862	23	0.071	16	0.791	41.0	91.8
RO	45	0.715	9	0.105	36	0.610	80.0	85.3
SI	27	0.735			27	0.735	100.0	100.0
SK	1	0.006	1	0.006			0.0	0.0
FI	130	1.923	82	0.833	48	1.090	36.9	56.7
SE	341	6.971	124	1.445	217	5.526	63.6	79.3
UK	661	32.080	269	8.646	392	23.434	59.3	73.0
HR	109	3.318	72	2.240	37	1.078	33.9	32.5
MK	6	0.013	1	0.002	5	0.011	83.3	84.6
TR	1 225	17.200	560	7.246	665	9.954	54.3	57.9
IS	19	0.100	2	0.001	17	0.099	89.5	99.0
NO	1 461	37.742	502	13.006	959	24.736	65.6	65.5
CH	138	3.555	35	1.023	103	2.532	74.6	71.2

Notes: DK: including international registers like the Danish International Ship Register; including vessels registered in territorial dependencies.
 Russia: 1418 ships, 17.302 mio dwt; Monaco: 65 ships, 3.156 mio dwt;
 Ukraine: 356 ships, 2.255 mio dwt; Gibraltar: 10 ships, 0.172 mio dwt.

Sea

WORLD MERCHANT FLEET

TOTAL CONTROLLED FLEET BY WORLD REGION

dwt (million)						
On 1 January:						
World region	1995	2000	2005	2008	2009	2010
Europe (*)	311.246	350.136	400.947	480.869	507.666	518.276
of which: EU-27	223.564	257.975	316.850	392.052	417.895	432.246
of which: EU-15	207.543	247.549	305.030	377.384	402.884	417.610
North America	51.024	49.413	45.414	49.689	52.244	50.359
Latin America	18.691	15.679	14.422	13.470	13.990	31.047
Asia / Oceania	246.722	292.722	361.311	462.661	497.788	532.446
Africa	6.742	7.121	5.142	5.070	5.040	6.981
Unknown	37.956	38.115	52.687	59.274	67.647	86.555
TOTAL	672.381	753.226	879.923	1.071.033	1.144.375	1.225.665
SHARE OF EU IN TOTAL AND OF FOREIGN FLAG IN EU						
EU-27 control of total	33.2%	34.2%	36.0%	36.6%	36.5%	35.3%
EU-15 control of total	30.9%	32.9%	34.7%	35.2%	35.2%	34.1%
EU-27: Foreign flag share (**)	56.5%	68.1%	67.8%	68.6%	69.4%	69.4%
EU-15: Foreign flag share (**)	57.7%	67.7%	67.0%	68.7%	69.3%	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 2010

(ships of 1 000 gt and over)	Number			dwt (thousand)		
	WORLD	EU-27	%	WORLD	EU-27	%
TOTAL FLEET	37 299	11 614	31	1225665	432 241	35
Tankers	9 972	3 061	31	498 227	174 588	35
OF WHICH:						
Oil tankers	7 983	2 496	31	449 812	162 311	36
Chemical tankers	729	160	22	7 819	1 577	20
Liquid gas tankers	1 260	405	32	40 596	10 700	26
Bulk carriers	7 374	2 080	28	450 783	134 033	30
Container ships	4 677	2 460	53	169 473	92 442	55
General cargo	13 059	3 285	25	101 162	28 887	29
OF WHICH:						
Single-deck	7 172	1 809	25	52 420	14 877	28
Multi-deck	2 948	616	21	20 849	4 322	21
Ro-Ro Cargo	841	321	38	6 384	3 223	50
Reefer	969	283	29	6 217	243	4
Special	1 129	256	23	15 291	6 222	41
Passenger and passenger cargo	2 217	728	33	6 020	2 293	38

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

On 1 January 2010

FLAG, NUMBERS AND GROSS TONS

(ships of 300 gt and over)	Number			gt (thousand)		
	WORLD	EU-27	%	WORLD	EU-27	%
TOTAL PASSENGER AND PASSENGER/CARGO SHIPS	4 195	1 296	31	33 717	14 250	42
Cargo passenger and Ro-Ro passenger ships	2 624	878	33	17 366	9 432	54
Passenger (not Ro-Ro)	1 571	418	27	16 351	4 818	29
Cruise ships (ships of 1 000 gt and over)	291	97	33	15 728	4 819	31

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.

(*) EU-27: On January 1st, 2009.

Air PASSENGER AIRCRAFT

NUMBER OF CIVIL AIRCRAFT IN SERVICE

On 31 December 2011					PASSENGER AIRCRAFT
	50 seats or less	51 to 150 seats	151 to 250 seats	251 seats and more	TOTAL
EU-27	494	1 443	1 657	516	4 110
EU-15	409	1 264	1 533	515	3 721
EU-12	85	179	124	1	389
BE	15	41	18	7	81
BG	10	15	15		40
CZ	11	18	20		49
DK	27	44	22	8	101
DE	32	326	215	100	673
EE	4	5			9
IE	4	30	318	7	359
EL	12	21	36	4	73
ES	41	93	152	50	336
FR	87	130	126	100	443
IT	7	79	148	21	255
CY		4	7		11
LV	5	28	4		37
LT	7	6	1		14
LU	7	8	1		16
HU	5	17	38		60
MT	9	5	6		20
NL	3	77	57	40	177
AT	9	55	39	7	110
PL	8	45	17	1	71
PT	13	30	31	21	95
RO	18	26	11		55
SI	6	6	1		13
SK	2	4	4		10
FI	4	65	13	15	97
SE	51	34	11	5	101
UK	97	231	346	130	804
HR		12	3		15
MK					
TR		66	208	30	304
IS	12		14		26
NO	31	91	65	3	190
CH	22	63	63	5	153
LI					0

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

Air

FREIGHT, SPECIAL, BUSINESS AIRCRAFT

NUMBER OF CIVIL AIRCRAFT IN SERVICE

On 31 December 2011

	FREIGHT / CARGO		QUICK-CHANGE CONVERTIBLE (pass./cargo) Multi-role	SPECIAL PURPOSE / AMBULANCE	BUSINESS / CORPORATE / EXECUTIVE
	under 100 000 lbs mtow	over 100 000 lbs mtow			
EU-27	187	183	59	87	2 102
EU-15	144	180	57	81	1 932
EU-12	43	3	2	6	170
BE	8	20	2	1	65
BG	5	2	1		20
CZ				3	29
DK	3	11	8		70
DE	14	55		26	390
EE					10
IE	16	2		1	19
EL	5			1	37
ES	39	10	9	9	110
FR		12	16	15	135
IT	9	1	5	4	132
CY					8
LV	6				9
LT	8			1	4
LU	12	17		3	68
HU	8			1	7
MT					21
NL		13		3	31
AT				3	255
PL	15		1	1	14
PT	1		1	1	159
RO					16
SI	1	1			19
SK					13
FI		2		2	22
SE	22	2	1	4	42
UK	15	35	15	8	397
HR				1	3
MK					
TR		21		2	80
IS		14			1
NO					11
CH	14			5	182
LI					5

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

Rail

LOCOMOTIVES AND RAILCARS

STOCK OF VEHICLES

	1990	2000	2005	2008	2009	2010	% CHANGE '09/'10
EU-27	65 715		47 546	61 137	61 491	59 439	-3,3
EU-15	43 444		33 062	47 197	47 323	46 778	-1,2
EU-12	22 271	17 460	14 484	13 940	14 168	12 661	-10,6
BE	1 727	1 670	1 518	1 403	1 341	1 341	0,0
BG	1 119	762	669	713	712	624	-12,4
CZ		3 596	3 163	2 758	2 746	2 258	-17,8
DK	524	415	464	448	538	495	-8,0
DE	14 437	9 656	7 742	14 565	15 337	15 613	1,8
EE	300	194	170	98	76	81	6,6
IE	166	172	412	549	572	572	0,0
EL	400	244	289	301	301	173	-42,5
ES	1 922	1 693	1 946	1 983	1 670	1 732	3,7
FR	7 279	7 158	7 354	7 050	6 758	6 768	0,1
IT	4 818	4 697	4 674	4 621	4 691	4 494	-4,2
CY	-	-	-	-	-	-	
LV	739	433	358	197	196	196	0,0
LT	389	419	365	356	317	275	-13,2
LU	97	124	145	159	157	104	-33,8
HU	2 040	1 453	1 385	1 428	1 458	1 275	-12,6
MT	-	-	-	-	-	-	
NL	2 372	1 965	2 078	2 079	2 027	2 411	18,9
AT	1 543	1 530	1 500	1 668	1 660	1 233	-25,7
PL	6 801	5 293	4 723	4 617	4 590	4 421	-3,7
PT	530	589	439	431	436	275	-36,9
RO	4 515	3 440	2 186	2 290	2 649	2 229	-15,9
SI	358	300	261	267	269	267	-0,7
SK		1 570	1 204	1 216	1 155	1 035	-10,4
FI	669	735	702	662	641	644	0,5
SE	1 350	887	622	639	632	213	-66,3
UK	5 610		3 177	10 639	10 562	10 710	1,4
HR	563	480	377	345	347	284	-18,2
MK	92	101	73	72	67	63	-6,0
TR	897	849	735	613	660	673	2,0
IS	-	-	-	-	-		
NO	502	299	289	223	207	544	162,8
CH	1 254	1 528	2 198	2 278	2 265	1 745	-23,0

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

DE: includes DE-E: 1970=5000; 1980=4506; 1990=6331.

CS: 1970=4998; 1990=6010.

Rail

PASSENGER TRANSPORT VEHICLES

STOCK OF COACHES, RAILCARS AND TRAILERS

	1990	2000	2005	2008	2009	2010	% CHANGE '08/'09
EU-27			<i>98 929</i>	<i>99 552</i>	<i>102 320</i>	<i>102 168</i>	-0.1
EU-15			<i>75 305</i>	<i>76 487</i>	<i>79 811</i>	<i>80 284</i>	0.6
EU-12		30 818	23 624	23 065	22 509	21 884	-2.8
BE	3 286	3 494	3 251	3 201	3 412	3 412	0.0
BG	2 386	2 099	1 558	1 599	1 602	1 369	-14.5
CZ		5 252	4 895	4 561	4 553	4 514	-0.9
DK	1 594	1 590	1 473	1 523	1 737	1 307	-24.8
DE	24 139	21 097	20 169	18 671	18 607	18 565	-0.2
EE	596	241	183	189	189	189	0.0
IE	314	421	581	649	592	592	0.0
EL	810	505	564	793	793	718	-9.5
ES	3 839	3 765	5 239	5 075	5 253	5 665	7.8
FR	15 748	15 656	15 879	16 255	16 524	16 890	2.2
IT	14 025	11 914	10 066	9 825	12 474	12 465	-0.1
CY	-	-	-	-	-	-	
LV	1 226	702	490	491	491	491	0.0
LT	664	563	467	363	340	337	-0.9
LU	114	149	185	187	187	214	14.4
HU	4 385	3 232	2 787	3 253	3 071	3 136	2.1
MT	-	-	-	-	-	-	
NL	2 268	2 742	852	2 818	2 531	2 824	11.6
AT	3 689	3 468	3 112	3 010	2 995	2 974	-0.7
PL	11 928	9 761	7 725	7 224	6 945	6 926	-0.3
PT	1 232	1 303	1 125	1 051	1 043	965	-7.5
RO	6 352	6 234	3 310	3 314	3 312	3 037	-8.3
SI	606	461	401	362	360	355	-1.4
SK		2 273	1 808	1 709	1 646	1 530	-7.0
FI	957	1 003	1 084	1 035	1 033	1 071	3.7
SE	1 747	1 000	791	879	879	871	-0.9
UK			10 934	11 515	11 751	11 751	0.0
HR	1 052	720	579	553	523	523	0.0
MK	175	164	125	124	110	64	-41.8
TR	1 443	1 415	1 312	1 304	1 313	1 342	2.2
IS	-	-	-	-	-	-	
NO	900	918	191	191	191	210	9.9
CH	4 136	3 333	4 293	4 470	4 470	4 949	10.7

Notes: Data relates to main railways (UIC members).
DE: includes DE-E: 1970=10 000, 1980=10 761, 1990=9 635.
CS: 1970=10 145, 1990=8 597.

Rail

GOODS TRANSPORT WAGONS

STOCK OF VEHICLES

	1990	2000	2004	2005	2008 (*)	2009 (*)	2010 (*)
EU-27							
EU-15	825 398						
EU-12	516 764	421 261	293 729	282 394	216 756	212 972	230 032
BE	30 332	18 790	18 782	17 375	9 573	11 612	11 612
BG	42 459	29 720	16 382	16 511	12 825	12 743	11 751
CZ		58 524	44 805	44 545	31 656	29 194	27 416
DK	4 632	2 236					
DE	366 724	189 558	237 313	158 247	119 916	113 657	108 840
EE		5 857	20 352	18 971	2 905	2 982	2 958
IE	1 830	1 856	833	926	891		502
EL	10 967	3 453	3 497	3 491	4 763		3 158
ES	37 687	26 452	25 542	23 842	14 973	12 447	14 337
FR	148 100	94 789	99 372	95 738	31 845	29 028	25 314
IT	99 728	70 115	54 598	45 730	40 819	38 500	30 331
CY	-	-	-	-	-	-	-
LV	11 085	9 146	8 706	8 871	5 228	6 043	6 038
LT	12 860	13 155	13 134	13 192	9 648	9 561	9 238
LU	2 719	2 626	3 206	3 222	3 836	3 895	3 895
HU		23 528	19 783	19 130	11 766	11 700	11 700
MT	-	-	-	-	-	-	-
NL	6 697	4 700					
AT	34 330	23 970	22 262	22 655	30 526	27 147	28 605
PL	275 582	130 116	76 785	75 164	74 408	72 725	68 151
PT	4 579	4 162	3 544	3 495	3 043		3 194
RO	166 086	117 982	64 299	65 175	46 863	46 878	72 605
SI	8 692	6 258	4 627	4 465	3 921	3 905	3 211
SK		26 975	24 856	16 370	17 536	17 241	16 964
FI	15 200	12 630	11 738	11 216	10 934	10 524	10 464
SE	27 470	17 596	13 649	13 649			
UK	34 403				8 284		
HR	13 720	9 986	7 376	7 330	6 632	5 857	6 674
MK			1 501	1 525	1 498	1 323	1 144
TR	21 941	17 872	16 004	17 499	17 079	17 607	17 773
IS	-	-	-	-	-	-	-
NO							
CH	27 104	19 894	18 917	18 339	11 516	9 142	8 794

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

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

DE: includes DE-E: 1970=137 984; 1980=142 202; 1990=163 158.

Road Fatalities

	1990	2000	2005	2006	2008	2009	2010	%	
								CHANGE '09/'10	CHANGE '01/'10
EU-27	75 977	56 427	45 346	43 104	38 941	34 814	31 030	-10.9	-42.9
EU-15	55 888	41 421	31 384	29 521	25 430	23 457	21 247	-9.4	-47.2
EU-12	20 089	15 006	13 962	13 583	13 511	11 357	9 783	-13.9	-30.3
BE	1 976	1 470	1 089	1 069	944	944	812	-14.0	-45.4
BG	1 567	1 012	957	1 043	1 061	901	776	-13.9	-23.2
CZ	1 291	1 486	1 286	1 063	1 076	901	802	-11.0	-39.8
DK	634	498	331	306	406	303	255	-15.8	-40.8
DE	11 046	7 503	5 361	5 091	4 477	4 152	3 648	-12.1	-47.7
EE	436	204	170	204	132	98	78	-20.4	-60.8
IE	478	418	400	365	280	239	212	-11.3	-48.5
EL	2 050	2 037	1 658	1 657	1 555	1 456	1 258	-13.6	-33.1
ES	9 032	5 777	4 442	4 104	3 100	2 714	2 479	-8.7	-55.1
FR	11 215	8 079	5 318	4 709	4 275	4 273	3 992	-6.6	-51.1
IT	7 151	7 061	5 818	5 669	4 731	4 237	4 090	-3.5	-42.4
CY	116	111	102	86	82	71	60	-15.5	-38.8
LV	947	635	442	407	316	254	218	-14.2	-60.9
LT	933	641	773	760	499	370	300	-18.9	-57.5
LU	70	76	47	43	35	48	32	-33.3	-54.3
HU	2 432	1 200	1 278	1 303	996	822	740	-10.0	-40.3
MT	4	15	17	11	15	21	15	-28.6	-6.3
NL	1 376	1 082	750	730	677	644	537	-16.6	-45.9
AT	1 391	976	768	730	679	633	552	-12.8	-42.4
PL	7 333	6 294	5 444	5 243	5 437	4 572	3 908	-14.5	-29.4
PT	2 646	1 877	1 247	969	885	840	937	11.5	-43.9
RO	3 782	2 466	2 629	2 587	3 061	2 796	2 377	-15.0	-3.0
SI	517	314	258	262	214	171	138	-19.3	-50.4
SK	731	628	606	614	622	380	371	-2.4	-39.6
FI	649	396	379	336	344	279	272	-2.5	-37.2
SE	772	591	440	445	397	358	266	-25.7	-54.4
UK	5 402	3 580	3 336	3 298	2 645	2 337	1 905	-18.5	-47.1
HR	1 360	655	597	614	664	548	426	-22.3	-34.2
MK		162	143	140	162	160	162	1.3	51.4
TR	6 317	5 510	4 505	4 633	4 236	4 324	4 045	-6.5	-7.8
IS	24	32	19	31	12	17	8	-52.9	-66.7
NO	332	341	224	242	260	214	208	-2.8	-24.4
CH	954	592	409	370	357	349	328	-6.0	-39.7

Notes: Persons killed are all persons deceased within 30 days of the accident. Corrective factors have been applied to the figures which did not comply with this definition. BE: 2009 provisional.

Road Fatalities Country Rankings

FATALITIES

2010					
per million inhabitants		per 10 billion pkm		per million passenger cars	
SE	28	SE	27	SE	62
UK	31	UK	29	MT	63
NL	32	NL	37	UK	65
MT	36	DE	40	NL	71
DE	45	FI	41	DE	87
DK	46	IE	46	LU	96
IE	47	LU	48	FI	96
FI	51	DK	49	IE	111
ES	54	SI	53	IT	112
EE	58	FR	54	ES	112
EU-27	62	IT	55	DK	119
LU	63	EU-27	64	AT	125
FR	63	MT	66	FR	127
AT	66	ES	70	CY	130
SI	67	BE	74	SI	130
IT	68	AT	74	EU-27	131
SK	68	EE	76	EE	142
HU	74	LT	98	BE	155
BE	75	CY	100	LT	177
CY	75	PT	110	CZ	180
CZ	76	EL	119	PT	210
PT	88	CZ	120	SK	228
LT	91	LV	129	PL	232
LV	97	PL	129	EL	243
PL	102	SK	135	HU	247
BG	103	HU	137	LV	283
RO	111	BG	162	BG	304
EL	111	RO	303	RO	555

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 2010.

pkm: indicator of traffic volume (in the absence of consistent vehicle-kilometre data); passenger-kilometres of cars indicated in table 2.3.4 for 2010 plus (mostly estimated) passenger-kilometres of motorised two-wheelers.

Inhabitants: the sum of the population indicated in table 1.5 at 1 January 2010 and 1 January 2011 divided by two.

Passenger cars: the sum of the stock of vehicles indicated in table 2.6.2 for 2009 and 2010 divided by two.

Road Fatalities BY TYPE OF USER

	YEAR	TOTAL	DRIVER	PASSENGER	PEDESTRIAN	OTHER/ NOT SPECIFIED	PEDESTRIAN AS A % OF TOTAL
BE	2009	944	652	135	101	56	10.7
BG	2010	776	361	240	172	3	22.2
CZ	2010	802	495	139	168	0	20.9
DK	2010	255	159	52	44	0	17.3
DE	2010	3 648	2 584	588	476	0	13.0
EE	2009	98	49	26	23	0	23.5
IE	2008	238	159	39	40	0	16.8
EL	2010	1 258	838	241	179	0	14.2
ES	2010	2 479	1 512	496	471	0	19.0
FR	2010	3 992	2 835	672	485	0	12.1
IT	2010	4 090	2 837	639	614	0	15.0
CY	2010	60	38	9	13	0	21.7
LV	2009	254	115	57	82	0	32.3
LT	2009	370	155	94	121	0	32.7
LU	2010	32	25	6	1	0	3.1
HU	2010	740	387	161	192	0	25.9
MT	2010	15	7	4	2	2	13.3
NL	2009	644	488	92	63	1	9.8
AT	2010	552	374	80	98	0	17.8
PL	2010	3 908	1 859	813	1 236	0	31.6
PT	2010	937	552	190	195	0	20.8
RO	2010	2 377	927	580	868	2	36.5
SI	2010	138	89	22	26	1	18.8
SK	2010	371	170	75	126	0	34.0
FI	2010	272	190	47	35	0	12.9
SE	2008	358	248	48	54	8	15.1
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 OR UNKNOWN
BE	2009	787	464	1	20	43	137	25	89	1	7
BG	2010	582	475	3	29	0	42	6	27	0	0
CZ	2010	636	403	3	27	18	92	7	80	4	2
DK	2010	211	135	0	2	14	22	11	26	0	1
DE	2010	3165	1840	32	87	75	635	74	381	16	25
EE	2009	75	54	2	6	0	2	3	7	0	1
IE	2009	201	146	0	3	14	25	0	7	0	6
EL	2010	1077	543	2	14	62	367	36	23	23	7
ES	2010	1981	1194	5	71	116	386	99	67	18	25
FR	2010	3507	2117	4	65	146	734	248	147	13	33
IT	2010	3476	1827	9	34	31	943	203	263	25	141
CY	2010	47	26	0	0	0	16	3	2		0
LV	2009	167	115	2	5	4	10	1	26	0	4
LT	2009	259	183	0	2	0	30	5	30	0	9
LU	2010	31	27	0	1	0	1	0	1	1	0
HU	2010	548	330	12	11	24	49	19	92	0	11
MT	2010	11	8	0	0	0	3	0	0	0	0
NL	2009	581	288	0	4	24	68	47	138	1	11
AT	2010	452	291	8	7	10	68	18	32	7	11
PL	2010	2672	1853	14	142	0	259	83	280	23	18
PT	2010	732	367	0	12	88	126	67	33	28	11
RO	2010	1508	973	10	12	73	59	114	182	3	82
SI	2010	82	44	0	1	2	17	0	17	1	0
SK	2010	245	171	0	19	1	27	0	27	0	0
FI	2010	237	159	0	9	9	18	9	26	2	5
SE	2009	324	229	0	3	7	47	11	20	1	6
UK	2009	1813	1123	16	13	42	472	16	104	4	23

Notes: Persons deceased within 30 days of their accident.

Road Accidents

NUMBER OF ACCIDENTS INVOLVING PERSONAL INJURY

	thousand							%
	1990	1995	2000	2005	2008	2009	2010	CHANGE '09/'10
EU-27	1487.61	1420.352	1491.223	1326.302	1239.113	1188.992	1115.253	-6.2
EU-15	1342.80	1269.186	1343.887	1165.078	1075.757	1042.090	981.938	-5.8
EU-12	144.81	151.166	147.336	161.224	163.356	146.902	133.314	-9.2
BE	62.45	50.744	49.065	49.307	42.115	41.944	39.306	-6.3
BG	6.48	7.435	6.886	8.224	8.045	7.068	6.610	-6.5
CZ	21.91	28.746	25.445	25.239	22.481	21.706	19.676	-9.4
DK	9.16	8.373	7.346	5.413	5.020	4.174	3.498	-16.2
DE	389.35	388.003	382.949	336.618	320.614	310.667	288.297	-7.2
EE	2.10	1.644	1.504	2.341	1.868	1.506	1.347	-10.6
IE	6.07	8.117	7.749	6.533	6.736	6.618	6.615	0.0
EL	19.61	22.798	23.001	16.914	15.083	14.789	15.032	1.6
ES	101.51	83.586	101.729	91.187	93.161	88.251	85.503	-3.1
FR	162.57	132.949	121.223	84.525	74.487	72.315	67.288	-7.0
IT	161.78	182.761	256.546	240.011	218.963	215.430	211.404	-1.9
CY	3.17	3.052	2.411	1.382	1.392	1.197	1.197	0.0
LV	4.33	4.056	4.482	9.310	8.894	3.160	3.193	1.0
LT	5.14	4.144	5.807	6.772	4.796	3.827	3.625	-5.3
LU	1.22	1.145	0.899	0.775	0.927	0.869	0.787	-9.4
HU	27.80	19.817	17.493	20.777	19.174	17.863	16.308	-8.7
MT	0.24	0.969	1.253	0.848	0.764	0.636	0.753	18.5
NL	44.89	42.641	42.271	27.007	23.708	19.378	10.778	-44.4
AT	46.34	38.956	42.126	40.896	39.173	37.925	35.348	-6.8
PL	50.53	56.904	57.331	48.100	49.054	44.195	38.832	-12.1
PT	45.11	48.339	44.463	37.066	33.613	35.484	35.426	-0.2
RO	9.71	9.119	7.889	19.819	29.307	28.612	25.995	-9.1
SI	5.18	6.567	8.951	10.509	9.165	8.717	7.659	-12.1
SK	8.24	8.713	7.884	7.903	8.416	8.415	8.119	-3.5
FI	10.18	7.812	6.633	7.020	6.881	6.414	6.072	-5.3
SE	16.98	15.626	15.770	18.094	18.462	18.027	16.504	-8.4
UK	265.60	237.336	242.117	203.712	176.814	169.805	160.080	-5.7
HR	14.47	12.67	14.43	15.68	16.28	15.73	13.27	-15.6
MK	2.30		1.70					
TR	55.77	66.03	75.20					
IS	0.56	1.06	0.98	0.67	1.07	0.88	0.88	-0.2
NO	8.80	8.63	8.44	8.08	7.73	6.92	6.43	-7.0
CH	23.83	23.03	23.74	21.71	20.74	20.51	19.61	-4.4

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

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

Railway Fatalities

NUMBER OF RAILWAY PASSENGERS KILLED IN ACCIDENTS INVOLVING RAILWAY

	1990	2000	2003	2004	2005	2006	2007	2008	2009	2010
EU-27					65	83	70	89	37	62
EU-15	165	117	91	75	51	53	44	29	20	46
EU-12					14	30	26	60	17	16
BE	0	3	4	1	0	4	9	2	2	18
BG			26	26	3	1	2	12	1	0
CZ		1	2	5	4	4	0	13	1	2
DK	1	3	0	0	0	0	0	0	0	0
DE	50	38	23	25	7	18	3	1	3	0
EE					0		0	0	0	0
IE	1	2	0	0	0	0	0	0	0	0
EL	0	20	0	0	0	3	0	1	0	1
ES	4	0	16	0	1	9	13	5	2	15
FR	30	15	7	6	5	12	9	10	7	2
IT	9	8	9	11	22	5	5	4	5	7
CY	-	-	-	-	-	-	-	-	-	-
LV					0	0	0	0	1	0
LT			0	0	0	0	0	0	0	0
LU	0	0	0	0	0				0	0
HU	33	11	9	8	6	4	14	10	0	3
MT	-	-	-	-	-	-	-	-	-	-
NL	2	0	0	0	0	1	0	1	0	0
AT	6	4	7	2	1	0	1	2	1	0
PL	21	20	11	15	0	9	9	8	8	7
PT	22	2	15	8	7	0	1	3	0	1
RO		0	0	1	1	8	0	15	4	4
SI		0	1	0	0	0	0	0	0	0
SK		0	2	2	0	4	1	2	2	0
FI	0	2	0	2	0	1	0	0	0	0
SE	3	0	0	2	0	0	0	0	0	2
UK	37	20	10	18	8	0	3	0	0	0
HR			5	5	1	0	3	0	11	1
MK					0	0	0	2	2	
TR	17	9	8	46	10	6	1	9	7	3
IS	-	-	-	-	-	-	-	-	-	-
NO	4	32	0	0	0	1	0	0	0	0
CH	8	2	9	1	3	0	0	0	1	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	0	0
2011	6	6
1970-1979/yr.	312	328
1980-1989/yr.	179	128
1990-1999/yr.	51	74
2000-2010/yr.	59	71

Notes: Onboard fatalities, and only those in aircraft with a take-off mass above 5.701kg. Data includes 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
2009	14	214	15	335	67	353
2010	4	15	1	90	25	74

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 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	11630
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	2000	2005	2008	2009	2010
Production		942.86	943.15	899.64	855.47	819.39	837.19
Solid fuels		368.35	214.63	196.06	177.72	166.15	163.85
Oil		131.69	173.49	134.20	116.04	109.92	102.68
Gas		163.51	208.08	188.81	168.32	153.24	156.31
Nuclear		205.21	243.84	257.52	241.91	230.77	236.56
Renewables		70.38	96.65	115.89	142.04	148.78	166.65
Industrial waste		3.72	6.46	7.17	9.45	10.53	11.14
Net Imports		754.94	825.11	983.43	1012.77	941.08	952.26
Solid fuels		80.65	97.79	124.59	136.58	110.07	110.23
Oil		535.75	532.76	600.37	598.16	557.75	560.98
Gas		135.05	192.53	257.29	274.66	267.90	275.53
Electricity		3.34	1.69	0.97	1.47	1.30	0.30
Renewables		0.16	0.34	0.22	1.91	4.06	5.21
Derived heat			0.00	0.00	0.00	0.00	0.02
Gross Inland Consumption		1665.29	1724.91	1824.34	1800.31	1703.37	1759.01
Solid fuels		453.43	320.85	317.30	305.52	267.92	279.97
Oil		632.93	661.15	679.35	657.19	623.16	617.09
Gas		295.93	393.94	446.00	441.01	416.96	441.80
Nuclear		205.21	243.84	257.52	241.91	230.77	236.56
Renewables		70.72	96.98	116.04	143.77	152.73	172.14
Other (**)		7.06	8.15	8.14	10.91	11.83	11.45
Elec. Generation (TWh)		2586.28	3025.24	3310.64	3371.29	3209.05	3345.62
Final Energy Consumption by fuel/product		1076.53	1120.90	1191.40	1173.75	1112.21	1153.30
Solid fuels		125.53	61.70	54.28	53.37	43.21	49.52
Oil		444.57	483.21	499.64	486.01	461.77	456.67
Gas		228.81	265.92	284.20	269.48	252.24	268.63
Electricity		184.90	216.59	238.18	246.04	233.20	243.91
Renewables		37.84	47.85	54.29	67.04	70.18	78.47
Derived heat & Industrial waste		54.88	45.64	60.82	51.80	51.62	56.10
by sector							
INDUSTRY		366.63	329.67	331.47	312.67	267.76	291.59
TRANSPORT		281.41	341.38	366.71	377.57	366.90	365.22
Rail		8.15	8.08	7.83	7.73	7.31	7.36
Road		235.77	279.67	299.08	305.64	300.47	299.72
International aviation		24.07	38.49	43.44	47.28	43.80	43.18
Domestic aviation		5.39	7.04	7.09	7.31	6.58	6.62
Domestic Navigation		6.15	5.93	6.53	6.63	6.17	5.92
Consumption in Pipeline transport, etc.		1.87	2.17	2.75	2.98	2.57	2.43
HOUSEHOLDS		273.50	292.24	302.98	296.88	294.34	307.33
AGRICULTURE		33.69	29.15	28.66	26.82	25.71	25.93
SERVICES, ETC.		121.30	128.46	161.58	159.80	157.51	163.23
CO₂ Emissions (Mt) (*)		4574	4358	4535	4409	4055	
Energy intensity (toe/M€'05)		204	171	165	152	151	152
CO₂ intensity (tCO₂/toe)		2.75	2.53	2.49	2.45	2.38	
Import dependency, %		44.4	46.7	52.5	54.6	53.7	52.7
RES share in transport, % (***)					3.6	4.2	

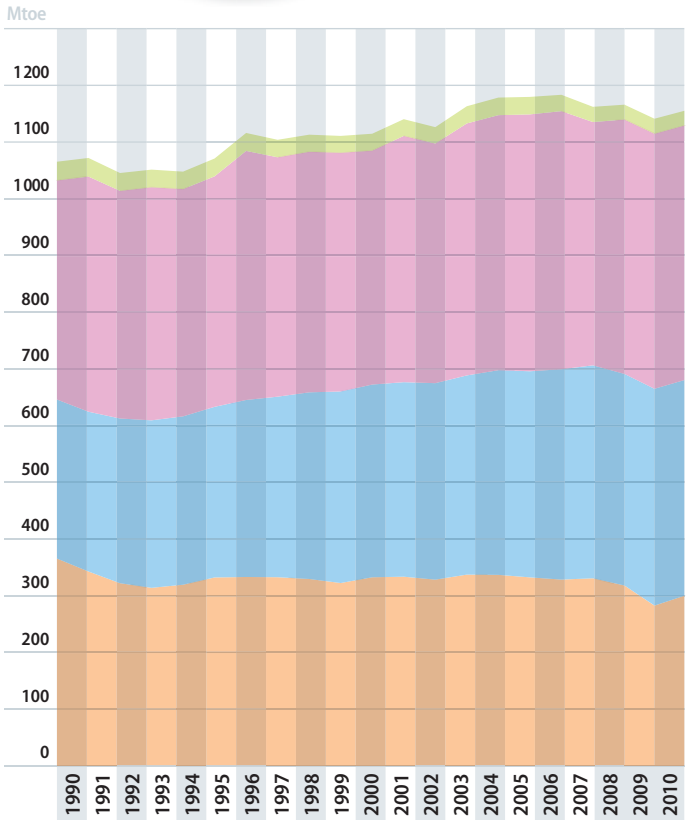
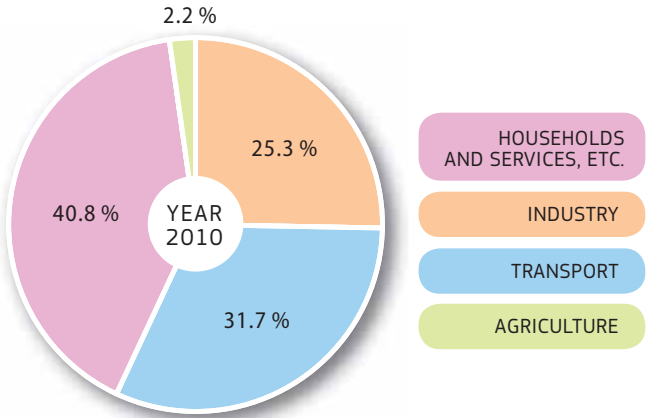
Notes: (*) Source: European Environment Agency, August 2011; Including Bunkers; (**) Electrical Energy and Industrial Waste; (***) Renewables share in transport, according to the definition in the Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources.

3.1.5

Final Energy Consumption BY SECTOR 2010 (Mtoe)

	ALL SECTORS	INDUSTRY	TRANSPORT	Road	Railways	Air	Inland navigation	Consumption in pipe-line transport, etc.	HOUSEHOLDS, SERVICES, ETC.	Households	Agriculture	Services, etc.
EU-27	1153.3	291.6	365.2	299.7	7.4	49.8	5.9	2.4	496.5	307.3	25.9	163.2
Share	100.0%	25.3%	31.7%	82.1%	2.0%	13.6%	1.6%	0.7%	43.0%	61.9%	5.2%	32.9%
BE	36.4	11.2	10.3	8.4	0.2	1.5	0.2	0.0	14.9	9.0	0.8	5.1
BG	8.8	2.5	2.9	2.5	0.0	0.2		0.1	3.4	2.2	0.2	1.0
CZ	25.6	8.8	6.3	5.6	0.2	0.3	0.0	0.2	10.6	6.6	0.6	3.4
DK	15.5	2.4	5.2	4.0	0.1	0.9	0.2	0.0	7.9	4.9	0.9	2.2
DE	217.4	60.5	61.9	51.0	1.8	8.7	0.3	0.1	94.9	62.0	0.8	32.1
EE	2.9	0.6	0.8	0.7	0.1	0.0	0.0	0.0	1.5	1.0	0.1	0.4
IE	11.8	1.9	4.7	3.9	0.0	0.7	0.0	0.0	5.2	3.2	0.3	1.7
EL	19.0	3.5	8.2	6.5	0.0	0.9	0.7	0.0	7.4	4.6	0.8	1.9
ES	90.6	23.4	37.2	29.8	0.9	5.4	1.1	0.0	30.0	16.5	2.3	11.2
FR	158.8	31.2	50.3	42.0	0.9	6.7	0.3	0.4	77.2	44.0	3.8	29.3
IT	124.8	31.1	42.0	36.0	0.4	3.9	1.1	0.5	51.8	31.4	3.2	17.1
CY	1.9	0.2	1.0	0.8		0.3		0.0	0.6	0.3	0.0	0.3
LV	4.3	0.8	1.2	1.0	0.1	0.1	0.0	0.0	2.3	1.5	0.2	0.6
LT	4.8	0.9	1.5	1.4	0.1	0.0	0.0	0.0	2.3	1.6	0.1	0.6
LU	4.3	0.7	2.6	2.2	0.0	0.4		0.0	0.9	0.5	0.0	0.4
HU	16.7	2.9	4.4	4.0	0.2	0.2	0.0	0.0	9.3	5.7	0.5	3.1
MT	0.5	0.1	0.3	0.2		0.1			0.1	0.1	0.0	0.1
NL	54.0	14.3	15.0	11.2	0.2	3.5	0.2	0.0	24.6	11.5	3.4	9.7
AT	27.9	8.8	8.8	7.6	0.2	0.7	0.0	0.3	10.3	6.9	0.6	2.8
PL	66.3	15.4	17.6	16.5	0.4	0.5	0.0	0.3	33.3	21.0	3.8	8.6
PT	18.2	5.4	7.4	6.2	0.1	1.0	0.1	0.0	5.4	3.0	0.5	2.0
RO	22.5	6.9	5.0	4.4	0.2	0.3	0.1	0.1	10.6	8.1	0.4	2.1
SI	5.0	1.3	1.8	1.7	0.0	0.0		0.0	1.9	1.3	0.1	0.5
SK	11.6	4.4	2.7	2.2	0.0	0.0		0.4	4.6	2.3	0.1	2.1
FI	26.5	11.6	5.0	4.0	0.1	0.7	0.2	0.0	9.9	5.8	0.9	3.3
SE	34.4	12.6	8.6	7.4	0.2	0.8	0.2	0.0	13.2	7.6	0.7	5.0
UK	143.0	28.2	52.6	38.6	1.0	11.7	1.4	0.0	62.1	44.6	0.9	16.6
HR	6.3	1.4	2.1	1.9	0.0	0.1	0.1	0.0	2.9	1.6	0.2	1.1
MK	1.8	0.5	0.5	0.4	0.0	0.0	0.0	0.0	0.8	0.5	0.0	0.2
TR	73.1	24.0	15.8	13.3	0.2	1.6	0.4	0.2	33.2	22.5	5.0	5.8
IS												
NO	19.7	6.1	5.3	3.6	0.1	0.8	0.3	0.1	8.3	4.3	0.8	3.1
CH	21.9	3.9	7.4	5.7	0.3	1.5	0.1	0.0	10.5	6.5	0.3	3.8

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



Notes: Renewables not including Electricity.

3.1.6

Final Consumption of Petrol, Diesel and Biofuels for Transport – BY FUEL 2010 (ktoe)

	TOTAL FINAL CONSUMPTION OF PETROL AND DIESEL FOR TRANSPORT	Motor Spirit	Gas Diesel Oil	BIOFUELS	Biogasoline	Biodiesel	Other liquid biofuels (*)
EU-27	286752	92912	193840	13273	2799	9938	536
BE	8182	1309	6873	362	53	309	
BG	2071	612	1459	13		10	3
CZ	5380	1897	3483	231	58	173	
DK	4243	1592	2651				
DE	47960	19679	28281	2960	732	1981	247
EE	743	289	454				
IE	3805	1530	2275	91	28	61	2
EL	6612	3867	2745	128		128	
ES	29902	5738	24164	1436	230	1206	
FR	39755	8001	31754	2421	399	2022	
IT	33175	10290	22885	1466	155	1311	
CY	747	410	337	15		15	
LV	1034	300	734	27	8	19	
LT	1243	298	945	44	10	34	
LU	2139	368	1771	41	1	40	
HU	3871	1391	2480	175	57	118	
MT	178	77	101				
NL	10861	4255	6606	229	134	95	
AT	7137	1743	5394	471	62	339	70
PL	13877	4244	9633	887	189	486	212
PT	5870	1453	4417	300		300	
RO	4470	1387	3083	116	47	67	2
SI	1703	594	1109	45	3	42	
SK	2004	621	1383	164	31	133	
FI	4016	1603	2413	143	80	63	
SE	7037	3386	3651	380	203	177	
UK	38737	15978	22759	1128	319	809	
HR	1854	671	1183	3			3
MK	396	130	266	6		6	
TR	11305	2131	9174	7		7	
IS							
NO	4240	1239	3001	115	3	111	1
CH	5672	3330	2342	10	1	9	

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

Biofuels Production

BY FUEL 2010 (ktoe)

	TOTAL	Biogasoline	Biodiesel	Other liquid biofuels (*)
EU-27	12 939	2 018	8 142	2 779
BE	378	50	285	43
BG	11		11	
CZ	236	61	175	
DK	69		68	1
DE	4 589	371	2 535	1 683
EE				
IE	63		61	2
EL	112		112	
ES	1 023	268	755	
FR	2 261	476	1 785	
IT	1 457	155	713	589
CY	5		5	
LV	48	9	38	1
LT	102	23	79	
LU				
HU	142	15	127	0
MT				
NL	364		338	26
AT	214	52	77	85
PL	456	108	244	104
PT	285		281	4
RO	46	35	11	
SI	16		16	
SK	161	49	112	
FI				
SE	621	203	177	241
UK	280	143	137	
HR	12			12
MK	2		2	
TR	7		7	
IS				
NO				
CH	6		6	

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	2000	2005	2007	2008	2009
EU-27	5 588.8	5 085.8	5 148.8	5 071.3	4 969.1	4 614.5
BE	143.3	145.4	142.7	132.9	135.2	124.4
BG	111.4	63.3	67.1	71.8	69.0	59.5
CZ	195.5	147.4	144.7	147.1	141.1	132.9
DK	68.0	67.8	63.6	66.9	63.7	61.0
DE	1 247.9	1 042.1	999.8	979.9	981.1	919.7
EE	41.1	17.8	19.2	21.6	20.1	16.8
IE	54.8	67.9	69.2	68.0	67.8	62.4
EL	104.4	126.0	134.4	133.4	128.6	122.5
ES	283.2	379.6	433.8	437.1	404.8	367.5
FR	562.9	566.8	569.0	544.5	539.2	517.2
IT	519.2	551.6	574.9	554.6	541.7	491.1
CY	5.3	9.1	9.6	9.9	10.2	9.4
LV	26.6	10.3	11.4	12.3	11.9	10.7
LT	49.6	19.2	22.6	25.1	24.0	21.6
LU	12.8	9.8	13.2	12.4	12.3	11.7
HU	96.8	76.7	79.5	75.5	73.1	66.7
MT	2.1	2.6	2.9	3.0	3.0	2.9
NL	211.9	213.2	211.1	205.4	204.6	198.9
AT	78.2	80.5	92.9	87.4	87.0	80.1
PL	452.9	389.4	388.0	400.7	395.7	376.7
PT	59.4	81.2	86.0	79.1	77.9	74.6
RO	250.1	142.1	155.7	156.2	153.4	130.8
SI	18.5	18.8	20.2	20.6	21.3	19.3
SK	74.1	49.2	50.1	47.8	48.2	43.4
FI	70.4	69.2	68.5	78.1	70.4	66.3
SE	72.5	68.9	67.6	65.8	63.6	60.0
UK	776.1	669.8	651.0	634.2	620.3	566.2
HR						
MK						
TR	187.0	297.0	329.9	380.0	366.5	369.6
IS	3.4	3.8	3.7	4.5	4.9	4.6
NO	49.8	53.4	53.9	55.2	53.7	51.3
CH	53.1	52.0	54.2	51.8	53.4	51.9

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	2000	2005	2007	2008	2009
EU-27	951.2	1 161.8	1 259.6	1 295.4	1 278.4	1 224.6
BE	36.9	45.4	54.8	59.8	62.9	53.8
BG	7.7	6.0	8.6	8.8	9.6	9.4
CZ	8.4	13.1	19.0	20.4	19.9	19.6
DK	15.6	19.0	18.3	20.4	19.6	17.1
DE	184.0	209.0	192.5	189.7	189.5	187.3
EE	3.2	2.1	2.7	3.4	3.2	3.0
IE	6.3	13.0	15.8	17.7	17.2	15.6
EL	25.3	33.4	33.7	36.8	35.7	36.7
ES	72.5	113.9	138.0	147.6	143.2	135.1
FR	136.5	162.0	165.3	165.2	157.8	154.5
IT	111.5	134.7	143.5	147.1	142.4	135.6
CY	1.7	2.8	3.7	3.7	3.6	3.3
LV	4.8	2.3	4.1	4.6	4.6	4.0
LT	8.4	3.8	5.0	6.0	5.9	5.0
LU	3.0	5.6	8.2	7.8	7.9	7.3
HU	8.7	9.5	12.9	13.6	13.7	13.4
MT	0.3	0.5	2.6	3.3	3.5	4.2
NL	65.5	85.6	100.4	98.5	96.8	90.7
AT	14.9	20.9	27.0	26.1	24.8	23.6
PL	27.2	34.7	38.4	42.3	46.6	46.7
PT	12.9	22.8	23.4	23.5	23.5	23.1
RO	8.7	9.9	12.4	13.5	15.8	15.5
SI	2.8	3.8	4.5	5.5	6.5	5.5
SK	5.2	4.3	6.4	6.7	6.9	6.4
FI	15.6	16.0	16.7	17.4	16.7	15.3
SE	22.6	26.5	30.1	30.9	30.2	29.8
UK	140.8	161.2	171.6	174.9	170.4	163.0
HR						
MK						
TR	26.3	35.5	41.3	51.8	50.2	49.5
IS	0.9	1.3	1.4	1.8	1.6	1.4
NO	13.2	16.4	17.4	18.4	17.9	17.2
CH	17.8	20.7	19.4	20.2	20.9	20.6

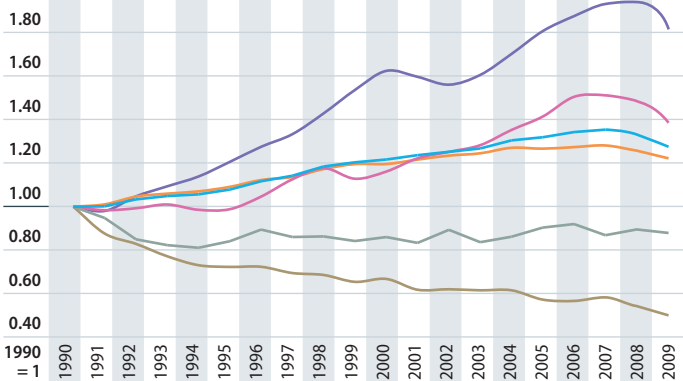
Notes: (*) Excluding LULUCF (Land Use, Land – Use Change and Forestry) emissions.

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	83.1	14.3	68.9	714.2	14.4	128.9	18.0	110.9	10.6	951.2	5768.6
1991	81.7	14.1	67.7	722.6	12.6	127.8	18.1	109.7	10.4	955.1	5664.7
1992	87.6	14.5	73.1	748.2	12.1	128.9	17.9	111.0	9.2	985.9	5482.0
1993	91.7	13.9	77.7	757.3	11.3	131.1	17.7	113.4	8.9	1000.3	5398.2
1994	95.3	14.1	81.3	765.4	10.7	127.9	18.1	109.9	8.8	1008.1	5367.9
1995	101.1	15.1	86.0	780.3	10.5	128.3	17.3	111.0	9.1	1029.3	5428.9
1996	106.7	16.4	90.3	803.3	10.4	135.8	17.6	118.2	9.6	1065.7	5547.4
1997	111.4	17.5	94.0	814.9	10.0	144.9	17.6	127.3	9.0	1090.3	5459.6
1998	119.5	17.9	101.5	841.0	9.8	151.8	18.7	133.2	9.2	1131.2	5427.1
1999	128.6	19.4	109.2	856.3	9.3	146.3	19.0	127.4	9.1	1149.7	5322.8
2000	135.8	19.9	115.9	856.3	9.6	150.6	17.2	133.5	9.5	1161.8	5335.2
2001	133.5	19.3	114.2	870.9	8.8	158.3	17.9	140.5	9.1	1180.6	5399.8
2002	130.4	18.5	112.0	883.9	8.9	162.3	17.9	144.4	9.8	1195.3	5361.3
2003	134.2	18.2	116.0	891.5	8.8	166.2	18.3	147.9	9.0	1209.7	5441.4
2004	143.6	18.7	124.9	909.7	8.7	175.4	18.6	156.7	9.4	1246.9	5462.9
2005	151.2	19.1	132.0	907.0	8.1	183.3	18.7	164.6	10.0	1259.6	5445.4
2006	157.0	19.2	137.7	911.9	8.0	195.3	18.7	176.5	10.3	1282.4	5443.2
2007	161.8	19.5	142.3	918.7	8.3	196.7	19.1	177.7	9.8	1295.4	5391.3
2008	161.9	18.7	143.1	902.8	8.0	195.4	18.7	176.8	10.3	1278.4	5288.9
2009	150.8	17.6	133.3	878.4	7.5	178.4	19.2	159.2	9.5	1224.6	4907.0

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

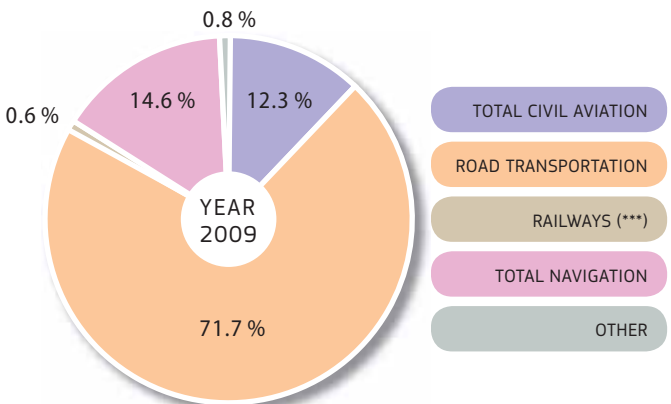


Notes: (*) Excluding international bunkers (international traffic departing from the EU); (**) Including International Bunkers but excluding LULUCF; (***) Excluding indirect emissions from electricity consumption; (****) Combustion emissions from all remaining transport activities including pipeline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

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	8.7	17.2	82.8	75.1	1.5	13.5	14.0	86.0	1.1	16.5	100
1991	8.6	17.2	82.8	75.7	1.3	13.4	14.1	85.9	1.1	16.9	100
1992	8.9	16.5	83.5	75.9	1.2	13.1	13.9	86.1	0.9	18.0	100
1993	9.2	15.2	84.8	75.7	1.1	13.1	13.5	86.5	0.9	18.5	100
1994	9.5	14.8	85.2	75.9	1.1	12.7	14.1	85.9	0.9	18.8	100
1995	9.8	14.9	85.1	75.8	1.0	12.5	13.5	86.5	0.9	19.0	100
1996	10.0	15.4	84.6	75.4	1.0	12.7	12.9	87.1	0.9	19.2	100
1997	10.2	15.7	84.3	74.7	0.9	13.3	12.2	87.8	0.8	20.0	100
1998	10.6	15.0	85.0	74.3	0.9	13.4	12.3	87.7	0.8	20.8	100
1999	11.2	15.1	84.9	74.5	0.8	12.7	13.0	87.0	0.8	21.6	100
2000	11.7	14.7	85.3	73.7	0.8	13.0	11.4	88.6	0.8	21.8	100
2001	11.3	14.5	85.5	73.8	0.7	13.4	11.3	88.7	0.8	21.9	100
2002	10.9	14.2	85.8	73.9	0.7	13.6	11.0	89.0	0.8	22.3	100
2003	11.1	13.5	86.5	73.7	0.7	13.7	11.0	89.0	0.7	22.2	100
2004	11.5	13.0	87.0	73.0	0.7	14.1	10.6	89.4	0.8	22.8	100
2005	12.0	12.7	87.3	72.0	0.6	14.6	10.2	89.8	0.8	23.1	100
2006	12.2	12.3	87.7	71.1	0.6	15.2	9.6	90.4	0.8	23.6	100
2007	12.5	12.1	87.9	70.9	0.6	15.2	9.7	90.3	0.8	24.0	100
2008	12.7	11.6	88.4	70.6	0.6	15.3	9.6	90.4	0.8	24.2	100
2009	12.3	11.7	88.3	71.7	0.6	14.6	10.7	89.3	0.8	25.0	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 share in Total Emissions.

GHG Emissions from Transport - 2009

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	150.8	17.6	133.3	878.4	7.5	178.4	19.2	159.2	9.5	1224.6	4907.0
BE	4.4	0.0	4.4	26.0	0.1	23.1	0.4	22.7	0.2	53.8	151.6
BG	0.5	0.1	0.5	7.8	0.1	0.7		0.7	0.3	9.4	60.7
CZ	1.1	0.0	1.1	18.0	0.3	0.0	0.0		0.2	19.6	134.0
DK	2.5	0.2	2.3	12.3	0.2	2.1	0.6	1.5		17.1	64.8
DE	27.3	2.1	25.2	145.7	1.1	9.5	0.7	8.8	3.6	187.3	953.7
EE	0.1	0.0	0.1	2.0	0.1	0.7	0.0	0.7		3.0	17.7
IE	2.3	0.1	2.2	12.7	0.1	0.3		0.3	0.2	15.6	64.9
EL	4.1	1.5	2.6	21.3	0.1	11.2	2.8	8.4		36.7	133.5
ES	16.4	3.7	12.7	87.0	0.3	31.2	3.3	27.9	0.2	135.1	408.1
FR	20.5	4.5	16.0	122.0	0.5	10.8	2.9	8.0	0.6	154.5	541.2
IT	11.3	2.2	9.0	111.2	0.2	12.2	4.8	7.3	0.8	135.6	507.5
CY	0.8		0.8	2.3		0.2		0.2		3.3	10.5
LV	0.3	0.0	0.3	2.5	0.3	0.9	0.0	0.9		4.0	11.9
LT	0.1	0.0	0.1	4.0	0.2	0.4	0.0	0.4	0.2	5.0	22.1
LU	1.3	0.0	1.3	6.1	0.0	0.0	0.0	0.0		7.3	13.0
HU	0.7		0.7	12.4	0.3	0.0	0.0			13.4	67.4
MT	0.0	0.0	0.0	0.5		3.6	0.0	3.6		4.2	6.5
NL	10.3	0.0	10.3	33.8	0.1	46.5	0.6	45.9		90.7	255.0
AT	2.0	0.1	1.9	21.0	0.2	0.1	0.0	0.0	0.4	23.6	82.0
PL	1.5	0.1	1.4	42.5	0.4	0.8	0.0	0.8	1.4	46.7	378.9
PT	2.8	0.3	2.4	18.2	0.1	2.0	0.2	1.8		23.1	78.8
RO	0.9	0.0	0.8	14.1	0.4	0.1	0.0	0.1	0.0	15.5	131.8
SI	0.1	0.0	0.1	5.3	0.0	0.1		0.1		5.5	19.5
SK	0.1	0.0	0.1	6.1	0.1	0.0	0.0	0.0	0.0	6.4	43.6
FI	1.9	0.3	1.6	11.4	0.1	1.3	0.5	0.8	0.6	15.3	68.7
SE	2.6	0.5	2.0	19.0	0.1	7.9	0.5	7.4	0.2	29.8	69.4
UK	34.9	1.8	33.1	113.2	2.1	12.3	1.5	10.7	0.5	163.0	610.1
HR											
MK											
TR	6.3	5.2	1.2	40.2	0.4	2.5	1.6	0.9		49.5	371.7
IS	0.4	0.0	0.3	0.9		0.2	0.0	0.2		1.4	5.1
NO	2.2	1.1	1.1	9.8	0.1	3.9	2.1	1.8	1.3	17.2	54.2
CH	4.2	0.1	4.1	16.1	0.0	0.1	0.1	0.0	0.0	20.6	56.1

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

GHG Emissions from Transport - 2009

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	12.3	11.7	88.3	71.7	0.6	14.6	10.7	89.3	0.8	25.0	100
BE	8.2	0.2	99.8	48.3	0.2	42.9	1.8	98.2	0.4	35.5	100
BG	5.6	13.4	86.6	82.6	0.7	7.5		100.0	3.4	15.5	100
CZ	5.7	1.2	98.8	91.9	1.5	0.1	100.0		0.8	14.6	100
DK	14.6	6.3	93.7	71.6	1.4	12.4	28.7	71.3		26.4	100
DE	14.6	7.8	92.2	77.8	0.6	5.1	7.6	92.4	1.9	19.6	100
EE	3.6	1.7	98.3	68.1	3.6	24.8	3.2	96.8		16.8	100
IE	14.8	4.4	95.6	81.4	0.9	1.9		100.0	1.0	24.1	100
EL	11.2	35.7	64.3	58.0	0.3	30.5	25.3	74.7		27.5	100
ES	12.1	22.5	77.5	64.4	0.2	23.1	10.6	89.4	0.1	33.1	100
FR	13.3	22.0	78.0	79.0	0.4	7.0	26.5	73.5	0.4	28.6	100
IT	8.3	19.7	80.3	82.0	0.2	9.0	39.7	60.3	0.6	26.7	100
CY	24.6		100.0	68.2		7.1		100.0		31.9	100
LV	7.9	0.1	99.9	62.7	6.5	22.9	1.5	98.5		33.4	100
LT	2.3	2.3	97.7	81.0	3.6	8.6	3.9	96.1	4.6	22.5	100
LU	17.2	0.0	100.0	82.6	0.2	0.0	92.1	7.9		56.7	100
HU	5.3		100.0	92.6	2.0	0.0	100.0			19.9	100
MT	0.9	4.1	95.9	12.2		86.9	0.9	99.1		64.3	100
NL	11.3	0.4	99.6	37.3	0.1	51.3	1.3	98.7		35.6	100
AT	8.4	3.5	96.5	88.8	0.7	0.3	53.0	47.0	1.8	28.8	100
PL	3.2	5.7	94.3	91.1	0.9	1.7	1.5	98.5	3.1	12.3	100
PT	12.1	12.2	87.8	78.9	0.2	8.7	11.3	88.7		29.3	100
RO	5.6	4.7	95.3	90.7	2.5	1.0	16.2	83.8	0.1	11.8	100
SI	1.4	2.0	98.0	95.7	0.8	2.1		100.0		28.3	100
SK	1.9	5.4	94.6	96.0	1.5	0.6	0.1	99.9	0.0	14.6	100
FI	12.2	14.9	85.1	74.6	0.6	8.7	38.7	61.3	3.9	22.3	100
SE	8.6	21.1	78.9	64.0	0.3	26.6	6.4	93.6	0.6	42.9	100
UK	21.4	5.2	94.8	69.4	1.3	7.5	12.4	87.6	0.3	26.7	100
HR											
MK											
TR	12.8	81.7	18.3	81.3	0.9	5.1	65.2	34.8		13.3	100
IS	24.7	6.1	93.9	61.6		13.7	16.0	84.0		28.3	100
NO	12.7	49.5	50.5	56.7	0.3	22.5	53.3	46.7	7.8	31.8	100
CH	20.5	3.0	97.0	78.4	0.2	0.7	81.8	18.2	0.2	36.7	100

Notes: (*) Excluding international bunkers (international traffic departing from the EU).
(**) Including International Bunkers but excluding LULUCF.
(***) Total transport share in total emissions.

3.2.5

Total CO₂ Emissions (*)

MILLION TONNES

	1990	2000	2005	2007	2008	2009
EU-27	4 395.7	4 110.8	4 241.0	4 184.9	4 092.1	3 765.0
BE	118.6	124.6	124.9	116.7	119.1	108.3
BG	83.4	47.6	52.1	57.1	54.3	45.8
CZ	164.6	127.0	124.6	126.1	120.4	113.4
DK	52.7	53.5	50.8	53.9	50.6	48.3
DE	1 041.7	891.0	864.0	847.3	848.0	788.8
EE	36.3	15.2	16.5	18.8	17.2	14.3
IE	32.4	44.7	47.7	47.5	47.5	42.4
EL	83.3	103.2	113.4	114.4	110.1	104.3
ES	225.8	304.7	364.2	364.4	334.7	296.9
FR	393.6	408.9	420.3	397.5	390.6	373.5
IT	435.9	463.7	490.1	476.2	466.0	417.2
CY	4.2	7.7	8.0	8.3	8.6	8.0
LV	19.1	7.0	7.8	8.6	8.2	7.0
LT	36.4	12.0	14.2	15.8	15.0	13.0
LU	11.9	8.8	12.2	11.4	11.3	10.7
HU	72.1	58.3	60.7	57.6	56.1	50.4
MT	1.8	2.3	2.6	2.7	2.7	2.5
NL	159.3	170.0	176.2	172.4	175.3	169.8
AT	62.1	66.0	79.7	74.4	73.9	67.5
PL	368.7	320.3	317.8	328.4	324.6	310.4
PT	43.7	63.7	67.6	60.8	59.4	56.1
RO	172.2	95.3	105.9	109.9	104.7	85.9
SI	14.7	15.2	16.6	16.9	17.9	16.0
SK	62.8	41.2	41.5	39.0	39.1	35.1
FI	56.6	56.7	56.4	66.1	58.2	55.4
SE	56.6	53.9	53.2	51.9	49.9	46.6
UK	585.3	548.3	552.3	540.7	528.6	477.2
HR						
MK						
TR	141.4	225.4	259.6	307.9	297.1	299.1
IS	2.2	2.8	2.9	3.3	3.6	3.6
NO	34.8	41.7	43.3	45.3	44.4	42.8
CH	44.7	44.1	46.3	43.8	45.3	44.0

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

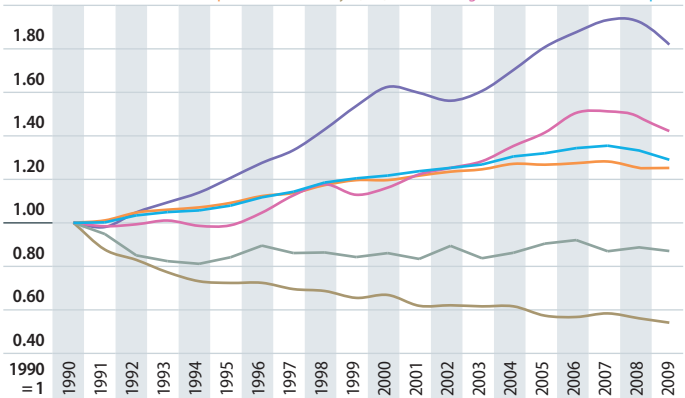
	1990	2000	2005	2007	2008	2009
EU-27	937.4	1 144.9	1 244.2	1 280.3	1 263.8	1 210.9
BE	36.5	44.8	54.2	59.5	62.6	53.6
BG	7.5	5.9	8.5	8.7	9.4	9.2
CZ	8.2	12.7	18.2	19.6	19.2	18.8
DK	15.4	18.7	18.1	20.1	19.4	16.9
DE	181.9	206.9	190.8	188.1	188.0	185.9
EE	3.1	2.1	2.6	3.4	3.2	2.9
IE	6.2	12.8	15.6	17.5	17.1	15.5
EL	25.0	32.9	33.2	36.3	35.2	36.2
ES	71.5	112.0	136.6	146.1	141.7	133.7
FR	134.5	159.7	163.0	162.9	155.5	152.5
IT	109.8	132.3	141.9	145.4	140.8	134.1
CY	1.7	2.7	3.6	3.7	3.5	3.2
LV	4.6	2.2	4.0	4.5	4.5	3.9
LT	8.1	3.7	4.9	5.9	5.8	4.9
LU	3.0	5.6	8.1	7.7	7.8	7.3
HU	8.5	9.2	12.5	13.1	13.3	12.9
MT	0.3	0.5	2.6	3.3	3.5	4.2
NL	64.9	84.8	99.7	97.8	96.1	90.1
AT	14.7	20.5	26.7	25.7	24.5	23.3
PL	26.8	34.2	37.9	41.7	45.9	46.0
PT	12.8	22.4	23.1	23.3	23.3	22.8
RO	8.7	9.8	12.3	13.5	15.7	15.4
SI	2.8	3.7	4.4	5.4	6.4	5.4
SK	5.0	4.2	6.3	6.6	6.8	6.3
FI	15.3	15.7	16.4	17.2	16.5	15.1
SE	22.3	26.1	29.7	30.6	29.9	29.4
UK	138.5	158.7	169.5	172.8	168.4	161.3
HR						
MK						
TR	26.0	35.0	40.5	51.0	49.4	48.7
IS	0.9	1.3	1.3	1.7	1.6	1.4
NO	13.0	16.1	17.1	18.0	17.6	16.9
CH	17.5	20.4	19.2	20.1	20.8	20.4

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	82.3	14.1	68.2	703.3	13.8	127.9	17.8	110.1	10.2	937.4	4573.9
1991	80.9	13.9	67.0	711.6	12.1	126.7	17.9	108.8	10.0	941.3	4513.9
1992	86.7	14.3	72.4	736.7	11.6	127.8	17.7	110.0	8.9	971.7	4373.8
1993	90.7	13.8	77.0	745.4	10.9	130.0	17.5	112.4	8.6	985.5	4314.7
1994	94.4	13.9	80.5	752.6	10.2	126.8	17.9	108.9	8.5	992.5	4290.7
1995	100.1	14.9	85.2	766.7	10.1	127.1	17.1	110.0	8.8	1012.7	4345.3
1996	105.6	16.2	89.4	788.9	10.0	134.6	17.4	117.3	9.3	1048.5	4456.9
1997	110.3	17.3	93.1	800.1	9.6	143.9	17.4	126.4	8.8	1072.7	4381.7
1998	118.3	17.7	100.6	825.8	9.4	150.7	18.4	132.3	8.9	1113.1	4387.4
1999	127.3	19.2	108.2	841.8	8.9	145.3	18.8	126.5	8.9	1132.3	4325.6
2000	134.5	19.7	114.8	842.4	9.1	149.6	17.0	132.6	9.2	1144.9	4358.2
2001	132.2	19.1	113.1	857.6	8.4	157.2	17.7	139.6	8.9	1164.3	4441.9
2002	129.2	18.3	110.9	870.8	8.4	161.2	17.7	143.5	9.6	1179.2	4418.6
2003	132.9	18.0	114.9	878.6	8.3	165.1	18.1	147.0	8.8	1193.7	4511.2
2004	142.2	18.5	123.7	897.0	8.3	174.2	18.4	155.8	9.2	1230.9	4541.6
2005	149.7	18.9	130.8	894.9	7.7	182.1	18.5	163.6	9.8	1244.2	4535.4
2006	155.5	19.0	136.4	899.9	7.5	194.0	18.5	175.4	10.1	1267.0	4548.5
2007	160.3	19.3	141.0	907.2	7.8	195.4	18.9	176.5	9.6	1280.3	4502.4
2008	160.3	18.5	141.7	891.7	7.6	194.1	18.5	175.6	10.0	1263.8	4409.5
2009	149.4	17.4	132.0	868.0	7.1	177.1	19.0	158.2	9.3	1210.9	4055.1

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

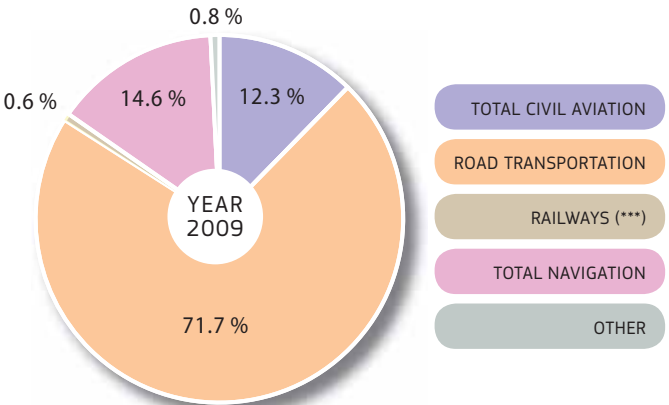


Notes: (*) Excluding international bunkers (international traffic departing from the EU);
 (**) Including International Bunkers but excluding LULUCF;
 (***) Excluding indirect Emissions from Electricity Consumption;
 (****) Combustion emissions from all remaining transport activities including pipeline 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 TRANSPORTATION (****)	TOTAL TRANSPORT (*****)	TOTAL EMISSIONS (**)
1990	8.8	17.2	82.8	75.0	1.5	13.6	13.9	86.1	1.1	20.5	100
1991	8.6	17.2	82.8	75.6	1.3	13.5	14.1	85.9	1.1	20.9	100
1992	8.9	16.5	83.5	75.8	1.2	13.2	13.9	86.1	0.9	22.2	100
1993	9.2	15.2	84.8	75.6	1.1	13.2	13.5	86.5	0.9	22.8	100
1994	9.5	14.7	85.3	75.8	1.0	12.8	14.1	85.9	0.9	23.1	100
1995	9.9	14.9	85.1	75.7	1.0	12.6	13.5	86.5	0.9	23.3	100
1996	10.1	15.4	84.6	75.2	1.0	12.8	12.9	87.1	0.9	23.5	100
1997	10.3	15.6	84.4	74.6	0.9	13.4	12.1	87.9	0.8	24.5	100
1998	10.6	15.0	85.0	74.2	0.8	13.5	12.2	87.8	0.8	25.4	100
1999	11.2	15.0	85.0	74.3	0.8	12.8	12.9	87.1	0.8	26.2	100
2000	11.7	14.7	85.3	73.6	0.8	13.1	11.3	88.7	0.8	26.3	100
2001	11.4	14.4	85.6	73.7	0.7	13.5	11.2	88.8	0.8	26.2	100
2002	11.0	14.1	85.9	73.8	0.7	13.7	11.0	89.0	0.8	26.7	100
2003	11.1	13.5	86.5	73.6	0.7	13.8	11.0	89.0	0.7	26.5	100
2004	11.6	13.0	87.0	72.9	0.7	14.2	10.6	89.4	0.7	27.1	100
2005	12.0	12.7	87.3	71.9	0.6	14.6	10.2	89.8	0.8	27.4	100
2006	12.3	12.2	87.8	71.0	0.6	15.3	9.5	90.5	0.8	27.9	100
2007	12.5	12.0	88.0	70.9	0.6	15.3	9.7	90.3	0.8	28.4	100
2008	12.7	11.6	88.4	70.6	0.6	15.4	9.5	90.5	0.8	28.7	100
2009	12.3	11.7	88.3	71.7	0.6	14.6	10.7	89.3	0.8	29.9	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 share in Total Emissions.

CO₂ Emissions from Transport – 2009

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	149.4	17.4	132.0	868.0	7.1	177.1	19.0	158.2	9.3	1210.9	4055.1
BE	4.4	0.0	4.4	25.8	0.1	23.1	0.4	22.7	0.2	53.6	135.4
BG	0.5	0.1	0.5	7.7	0.1	0.6		0.6	0.3	9.2	46.9
CZ	1.1	0.0	1.1	17.3	0.3	0.0	0.0		0.2	18.8	114.4
DK	2.5	0.2	2.3	12.1	0.2	2.1	0.6	1.5		16.9	52.1
DE	27.1	2.1	25.0	144.6	1.1	9.5	0.7	8.7	3.6	185.9	822.5
EE	0.1	0.0	0.1	2.0	0.1	0.7	0.0	0.7		2.9	15.1
IE	2.3	0.1	2.2	12.6	0.1	0.3		0.3	0.2	15.5	44.9
EL	4.1	1.5	2.6	21.0	0.1	11.1	2.8	8.3		36.2	115.2
ES	16.2	3.6	12.6	86.1	0.3	30.9	3.3	27.7	0.2	133.7	337.2
FR	20.3	4.5	15.8	120.4	0.5	10.7	2.8	7.9	0.6	152.5	397.2
IT	11.2	2.2	9.0	109.9	0.2	12.0	4.8	7.3	0.8	134.1	433.4
CY	0.8		0.8	2.2		0.2		0.2		3.2	9.0
LV	0.3	0.0	0.3	2.5	0.2	0.9	0.0	0.9		3.9	8.2
LT	0.1	0.0	0.1	4.0	0.2	0.4	0.0	0.4	0.2	4.9	13.5
LU	1.3	0.0	1.3	6.0	0.0	0.0	0.0	0.0		7.3	12.0
HU	0.7		0.7	12.0	0.3	0.0	0.0			12.9	51.1
MT	0.0	0.0	0.0	0.5		3.6	0.0	3.6		4.2	6.1
NL	10.3	0.0	10.2	33.4	0.1	46.4	0.6	45.8		90.1	225.8
AT	2.0	0.1	1.9	20.7	0.1	0.1	0.0	0.0	0.4	23.3	69.5
PL	1.5	0.1	1.4	41.9	0.4	0.8	0.0	0.8	1.4	46.0	312.6
PT	2.8	0.3	2.4	18.0	0.1	2.0	0.2	1.8		22.8	60.3
RO	0.9	0.0	0.8	14.0	0.4	0.1	0.0	0.1	0.0	15.4	86.8
SI	0.1	0.0	0.1	5.2	0.0	0.1		0.1		5.4	16.2
SK	0.1	0.0	0.1	6.0	0.1	0.0	0.0	0.0	0.0	6.3	35.2
FI	1.8	0.3	1.6	11.2	0.1	1.3	0.5	0.8	0.6	15.1	57.8
SE	2.5	0.5	2.0	18.9	0.1	7.8	0.5	7.3	0.2	29.4	55.9
UK	34.6	1.8	32.8	112.1	1.9	12.2	1.5	10.7	0.4	161.3	520.7
HR											
MK											
TR	6.3	5.1	1.1	39.5	0.4	2.5	1.6	0.9		48.7	301.1
IS	0.4	0.0	0.3	0.9		0.2	0.0	0.2		1.4	4.1
NO	2.2	1.1	1.1	9.7	0.0	3.8	2.0	1.8	1.2	16.9	45.7
CH	4.2	0.1	4.0	16.0	0.0	0.1	0.1	0.0	0.0	20.4	48.0

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

CO₂ Emissions from Transport – 2009

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	12.3	11.7	88.3	71.7	0.6	14.6	10.7	89.3	0.8	29.9	100
BE	8.2	0.2	99.8	48.1	0.2	43.1	1.8	98.2	0.4	39.6	100
BG	5.7	13.4	86.6	83.1	0.7	7.0		100.0	3.5	19.6	100
CZ	5.7	1.2	98.8	91.8	1.6	0.1	100.0		0.8	16.4	100
DK	14.6	6.3	93.7	71.7	1.4	12.3	28.7	71.3		32.5	100
DE	14.6	7.8	92.2	77.8	0.6	5.1	7.6	92.4	1.9	22.6	100
EE	3.5	1.7	98.3	67.9	3.6	24.9	3.2	96.8		19.5	100
IE	14.8	4.4	95.6	81.4	0.8	2.0		100.0	1.0	34.5	100
EL	11.2	35.7	64.3	57.9	0.3	30.6	25.3	74.7		31.4	100
ES	12.1	22.4	77.6	64.4	0.2	23.1	10.6	89.4	0.1	39.7	100
FR	13.3	22.0	78.0	78.9	0.4	7.0	26.4	73.6	0.4	38.4	100
IT	8.3	19.7	80.3	82.0	0.1	9.0	39.6	60.4	0.6	30.9	100
CY	25.0		100.0	67.8		7.2		100.0		36.0	100
LV	8.0	0.1	99.9	63.6	5.9	22.6	1.4	98.6		47.9	100
LT	2.3	2.3	97.7	81.1	3.6	8.7	3.9	96.1	4.3	36.2	100
LU	17.3	0.0	100.0	82.5	0.1	0.0	92.0	8.0		60.7	100
HU	5.3		100.0	92.6	2.0	0.0	100.0			25.3	100
MT	0.9	4.1	95.9	12.1		87.0	0.9	99.1		67.9	100
NL	11.4	0.4	99.6	37.0	0.1	51.5	1.3	98.7		39.9	100
AT	8.4	3.4	96.6	88.8	0.6	0.3	53.5	46.5	1.8	33.6	100
PL	3.3	5.7	94.3	91.1	0.9	1.7	1.4	98.6	3.0	14.7	100
PT	12.1	12.2	87.8	78.9	0.2	8.8	11.3	88.7		37.9	100
RO	5.6	4.7	95.3	90.7	2.5	1.0	16.2	83.8	0.1	17.8	100
SI	1.5	2.0	98.0	95.9	0.7	1.9		100.0		33.5	100
SK	1.9	5.3	94.7	96.2	1.4	0.5	0.1	99.9	0.0	17.8	100
FI	12.2	14.9	85.1	74.5	0.6	8.7	38.6	61.4	3.9	26.1	100
SE	8.6	21.1	78.9	64.2	0.2	26.4	6.4	93.6	0.6	52.7	100
UK	21.4	5.2	94.8	69.5	1.2	7.6	12.5	87.5	0.3	31.0	100
HR											
MK											
TR	12.8	81.6	18.4	81.1	0.9	5.1	65.2	34.8		16.2	100
IS	25.3	6.1	93.9	60.7		14.0	16.0	84.0		34.6	100
NO	12.8	49.5	50.5	57.3	0.3	22.4	52.8	47.2	7.2	37.0	100
CH	20.4	3.0	97.0	78.5	0.2	0.7	81.7	18.3	0.2	42.5	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
2011		4	1	1 000
2010		4	4	12 000
2009		7	1	2 000
2008		8	1	3 000
2007		13	4	18 000
2006		13	5	23 000
2005		22	3	18 000
2004		17	5	16 000
2003		17	4	42 000
2002		13	3	67 000
2001		17	3	8 000
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	900 miles off Angola	260 000
Castillo de Bellver	1983	off Saldanha Bay, South Africa	252 000
Odyssey	1988	700 miles off Nova Scotia, Canada	132 000
Sea Star	1972	Gulf of Oman	115 000
Hawaiian Patriot	1977	300 miles off Honolulu	95 000
Exxon Valdez	1989	Prince William Sound, Alaska	37 000

SELECTED MAJOR OIL SPILLS – Europe

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	102 660
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

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European Commission

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