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Commission

EU transport in figures

STATISTICAL
POCKETBOOK
2013

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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 acceding and candidate countries and the EFTA countries.

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

The publication consists of three 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;
- (3) an energy and environmental part with data on the impact which the transport sector has on the environment.

Most of the tables have data up to 2011; 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/facts-fundings/statistics/index_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
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 EFTA COUNTRIES

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

OTHER EUROPEAN FREE TRADE ASSOCIATION (EFTA) COUNTRIES

CH	Switzerland		EFTA: 1960
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EUROPEAN UNION ACCEDING COUNTRY

HR	Croatia		
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EUROPEAN UNION CANDIDATE COUNTRIES

IS	Iceland		
ME	Montenegro		
MK	Former Yugoslav Republic of Macedonia (FYROM)		
RS	Serbia		
TR	Turkey		

OTHER COUNTRIES

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

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

PART 1

General data

To meet future demand, the EU continues to invest in transport infrastructures: between 2007 and 2013 **€7.21 billion** was invested in 327 projects – around **€14.50 for every person in the EU!**

Infrastructure

€7.21 billion = €14.5/



Source: TEN- T CORE NETWORK
EU Transport in Figures 2012
TENT: Project in Figures

PART 1

SUMMARY

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General Data

	AREA	POPULATION	GDP (NOMINAL)	GDP PER HEAD IN PPP	
	1 000 km ²	million	billion EUR	EU-27 = 100	
		on 1/1/2012	2011	2010	2011
EU-27	4 324.8	501.743	12 651.0	100	100
EU-15	3 236.9	398.931	11 653.6	110	110
EU-12	1 087.9	102.812	997.4	61	62
BE	30.5	11.041	369.8	119	118
BG	111.0	7.327	38.5	44	45
CZ	78.9	10.505	156.2	80	80
DK	43.1	5.581	240.5	127	125
DE	357.1	81.844	2 592.6	118	120
EE	45.2	1.340	16.0	64	67
IE	70.3	4.583	159.0	127	129
EL	132.0	11.291	208.5	87	80
ES	506.0	46.196	1 063.4	100	98
FR	544.0	63.461	1 996.6	107	107
IT	301.3	60.821	1 579.7	100	100
CY	9.3	0.862	18.0	96	94
LV	64.6	2.042	20.2	55	59
LT	65.3	3.008	30.8	58	66
LU	2.6	0.525	42.6	267	271
HU	93.0	9.958	99.8	64	65
MT	0.3	0.416	6.5	84	85
NL	41.5	16.730	602.0	133	131
AT	83.9	8.443	300.7	126	128
PL	312.7	38.538	369.7	62	64
PT	92.1	10.542	170.9	80	77
RO	238.4	21.356	136.5	47	47
SI	20.3	2.055	36.2	85	85
SK	49.0	5.404	69.1	73	73
FI	338.4	5.401	189.4	114	115
SE	450.3	9.483	387.6	124	126
UK	243.8	62.990	1 750.4	112	109
HR	56.6	4.398	44.9	59	62
MK	25.7	2.060	7.5	36	37
TR	785.3	74.724	555.2	49	53
IS	103.0	0.320	10.1	111	110
NO	323.8	4.986	352.9	182	190
CH	41.3	7.955	476.1	153	156

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 around 1.9 million. The total area of the EU therefore is 4 413 600 km², and its total population on 1 January 2012 was 503.7 million. EL, RO, PT and HR: provisional data (nominal GDP – GDP per capita) MK: forecast (nominal GDP). Most data on population are provisional.

Sources: Eurostat, estimates (*in italics*)

Growth in GDP and Industrial Production compared to the previous year

	GROWTH IN GDP Real growth				GROWTH IN INDUSTRIAL PRODUCTION (excluding construction)			
	% CHANGE				% CHANGE			
	2008	2009	2010	2011	2008	2009	2010	2011
EU-27	0.3	-4.3	2.1	1.5	-1.8	-13.7	6.8	3.2
EU-15	0.0	-4.3	2.1	1.4	-2.0	-14.1	6.4	2.8
EU-12	4.2	-3.4	2.3	3.2	1.0	-9.6	10.0	6.6
BE	1.0	-2.8	2.4	1.8	1.4	-11.9	8.3	4.2
BG	6.2	-5.5	0.4	1.7	0.1	-18.0	2.0	5.8
CZ	3.1	-4.5	2.5	1.9	-2.4	-13.1	9.8	6.4
DK	-0.8	-5.7	1.6	1.1	-1.1	-15.0	1.8	1.9
DE	1.1	-5.1	4.2	3.0	-0.1	-16.3	10.9	7.6
EE	-4.2	-14.1	3.3	8.3	-4.8	-23.9	23.0	16.6
IE	-2.1	-5.5	-0.8	1.4	-2.2	-4.5	7.5	0.0
EL	-0.2	-3.1	-4.9	-7.1	-4.2	-9.2	-6.6	-8.1
ES	0.9	-3.7	-0.3	0.4	-7.3	-15.8	0.9	-1.4
FR	-0.1	-3.1	1.7	1.7	-2.9	-12.8	4.8	1.7
IT	-1.2	-5.5	1.8	0.4	-3.5	-18.7	6.8	0.1
CY	3.6	-1.9	1.3	0.5	4.1	-9.1	-2.0	-7.8
LV	-3.3	-17.7	-0.9	5.5	-3.2	-18.0	14.5	8.8
LT	2.9	-14.8	1.5	5.9	5.2	-14.3	6.4	7.6
LU	-0.7	-4.1	2.9	1.7	-5.1	-16.0	9.4	-2.5
HU	0.9	-6.8	1.3	1.6	-0.9	-17.4	10.3	5.5
MT	3.7	-2.4	2.7	1.6	-3.3	-14.8	8.3	1.8
NL	1.8	-3.7	1.6	1.0	0.6	-7.6	7.7	-0.8
AT	1.4	-3.8	2.1	2.7	1.3	-11.2	6.7	6.7
PL	5.1	1.6	3.9	4.3	2.4	-3.7	10.8	7.2
PT	0.0	-2.9	1.9	-1.6	-4.1	-8.5	1.6	-2.0
RO	7.3	-6.6	-1.6	2.5	2.8	-6.2	5.5	6.0
SI	3.4	-7.8	1.2	0.6	1.6	-17.6	6.0	2.8
SK	5.8	-4.9	4.4	3.2	2.9	-14.0	18.3	7.2
FI	0.3	-8.5	3.3	2.7	1.1	-18.1	5.2	1.3
SE	-0.6	-5.0	6.6	3.7	-3.0	-17.9	8.7	5.7
UK	-1.0	-4.0	1.8	0.9	-3.1	-8.8	2.1	-0.5
HR	2.1	-6.9	-1.4	0.0	0.6	-8.9	-1.5	-1.2
MK	5.0	-0.9	2.9	2.9	5.0	-8.6	-4.8	3.3
TR	0.7	-4.8	9.0	8.5	-0.9	-10.0	13.9	8.1
IS	1.2	-6.6	-4.0	2.6	14.7	-2.5	-1.9	5.5
NO	0.1	-1.6	0.5	1.2	0.2	-3.5	-5.4	-4.4
CH	2.2	-1.9	3.0	1.9	1.2	-7.7	6.1	0.7

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.
Data were extracted on 11/12/12. IS: Production volume indices based on Icelandic version of NACE Rev. 2, Sections B, C, D, E. 2010 and 2011 Provisional data Growth GDP section: EL, PT and HR provisional data (2011).
MK: Eurostat estimate (2011). TR: forecast (2011). Growth industrial production section: BE, BG, CZ, MT and NL provisional data; CH: Eurostat estimates.

Sources: Eurostat, estimates (*in italics*); industrial production data for IS are from national sources.

Employment and Unemployment

	EMPLOYMENT RATE				UNEMPLOYMENT RATE			
	%				%			
	2008	2009	2010	2011	2008	2009	2010	2011
EU-27	65.8	64.5	64.1	64.3	7.1	9.0	9.7	9.7
EU-15	67.1	65.8	65.4	65.5	7.6	9.5	10.0	10.1
EU-12	61.0	60.0	59.6	60.0	6.6	8.6	10.0	9.8
BE	62.4	61.6	62.0	61.9	7.0	7.9	8.3	7.2
BG	64.0	62.6	59.7	58.5	5.6	6.8	10.3	11.3
CZ	66.6	65.4	65.0	65.7	4.4	6.7	7.3	6.7
DK	77.9	75.3	73.3	73.1	3.4	6.0	7.5	7.6
DE	70.1	70.3	71.1	72.5	7.5	7.8	7.1	5.9
EE	69.8	63.5	61.0	65.1	5.5	13.8	16.9	12.5
IE	67.6	62.2	60.1	59.2	6.4	12.0	13.9	14.7
EL	61.9	61.2	59.6	55.6	7.7	9.5	12.6	17.7
ES	64.3	59.8	58.6	57.7	11.3	18.0	20.1	21.7
FR	64.8	64.0	63.9	63.9	7.8	9.5	9.7	9.6
IT	58.7	57.5	56.9	56.9	6.7	7.8	8.4	8.4
CY	70.9	69.9	69.7	68.1	3.8	5.5	6.4	7.9
LV	68.6	60.9	59.3	61.8	8.0	18.2	19.8	16.2
LT	64.3	60.1	57.8	60.7	5.3	13.6	18.0	15.3
LU	63.4	65.2	65.2	64.6	4.9	5.1	4.6	4.8
HU	56.7	55.4	55.4	55.8	7.8	10.0	11.2	10.9
MT	55.3	55.0	56.1	57.6	6.0	6.9	6.9	6.5
NL	77.2	77.0	74.7	74.9	3.1	3.7	4.5	4.4
AT	72.1	71.6	71.7	72.1	3.8	4.8	4.4	4.2
PL	59.2	59.3	59.3	59.7	7.0	8.1	9.6	9.6
PT	68.2	66.3	65.6	64.2	8.5	10.6	12.0	12.9
RO	59.0	58.6	58.8	58.5	5.8	6.9	7.3	7.4
SI	68.6	67.5	66.2	64.4	4.4	5.9	7.3	8.2
SK	62.3	60.2	58.8	59.5	9.6	12.1	14.5	13.6
FI	71.1	68.7	68.1	69.0	6.4	8.2	8.4	7.8
SE	74.3	72.2	72.7	74.1	6.2	8.3	8.4	7.5
UK	71.5	69.9	69.5	69.5	5.6	7.6	7.8	8.0
HR	57.8	56.6	54.0	52.4	8.4	9.1	11.8	13.5
MK	41.9	43.3	43.5	43.9	34.0	32.3	32.2	31.6
TR	44.9	44.3	46.3	48.4	9.7	12.5	10.7	8.8
IS	83.6	78.3	78.2	78.5	3.0	7.2	7.6	7.1
NO	78.0	76.4	75.3	75.3	2.5	3.2	3.6	3.3
CH	79.5	79.0	78.6	79.3	3.4	4.2	4.7	4.1

Notes: 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). Estimates in italics refer to unpublished rates calculated by available data on population, active population, unemployment and employment.

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
	2011			2011		
EU-27	1.7	25.7	72.6	5.3	22.9	71.7
EU-15	1.5	25.0	73.5	3.0	21.2	75.8
EU-12	4.2	34.0	61.9	14.7	29.9	55.3
BE	0.7	22.7	76.6	1.3	19.1	79.6
BG	5.6	31.1	63.2	19.9	26.4	53.7
CZ	2.2	37.0	60.9	3.2	36.6	60.1
DK	1.4	22.0	76.6	2.6	18.1	79.3
DE	0.9	30.8	68.3	1.6	24.7	73.7
EE	3.6	30.0	66.4	4.4	31.1	64.5
IE	2.0	26.2	71.7	4.6	19.0	76.4
EL	3.4	15.8	80.8	11.6	16.6	71.7
ES	2.5	27.0	70.5	4.1	20.4	75.5
FR	1.8	18.7	79.5	2.8	18.8	78.4
IT	2.0	24.7	73.3	3.9	26.9	69.3
CY	2.3	16.9	80.8	4.7	18.6	76.7
LV	5.1	24.7	70.2	8.8	23.3	67.9
LT	3.5	31.3	65.2	8.5	24.6	66.9
LU	0.3	14.1	85.6	1.2	21.0	77.8
HU	4.5	31.1	64.4	7.1	29.7	63.2
MT	1.6	18.0	80.5	2.9	20.4	76.8
NL	1.6	24.8	73.6	2.6	15.9	81.5
AT	1.6	29.3	69.0	4.8	23.4	71.7
PL	4.0	33.1	62.9	12.7	30.4	56.9
PT	2.2	23.9	73.9	10.6	25.5	63.8
RO	7.5	42.8	49.7	32.6	28.3	39.2
SI	2.6	30.5	66.9	8.3	30.5	61.1
SK	3.4	36.0	60.5	3.3	32.1	64.6
FI	2.9	27.8	69.4	4.7	24.0	71.4
SE	1.8	26.8	71.4	2.0	21.6	76.4
UK	0.6	23.2	76.1	1.4	15.9	82.8
HR	5.1	26.5	68.4	15.4	27.6	57.0
MK	11.5	27.7	60.8	18.7	30.0	51.3
TR	9.2	27.7	63.2	25.5	26.5	48.1
IS	7.8	23.6	68.7	5.6	18.7	75.7
NO	1.4	42.0	56.6	2.6	20.1	77.4
CH	0.8	26.2	73.0	3.5	22.8	73.7

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 value added:** based on NACE 2 classification, except for TR (NACE 1.1). MK and IS: 2010. IE, EL, PT and HR: provisional data. **Share of employment:** based on National Accounts – NACE 2 Classification, except for HR, MK, TR and IS (Labour Force Survey).

Population

	AT 1 JANUARY								change '11/'12
	million								
	1990	1995	2000	2005	2009	2010	2011	2012	
EU-27	470.388	477.010	481.081	489.325	497.802	499.217	500.484	501.743	0.3
EU-15	363.493	370.667	375.558	385.800	394.456	395.879	397.533	398.931	0.4
EU-12	106.896	106.342	105.523	103.525	103.346	103.337	102.951	102.812	-0.1
BE	9.948	10.131	10.239	10.446	10.753	10.840	11.001	11.041	0.4
BG	8.767	8.427	8.191	7.761	7.607	7.564	7.369	7.327	-0.6
CZ	10.362	10.333	10.278	10.221	10.468	10.507	10.487	10.505	0.2
DK	5.135	5.216	5.330	5.411	5.511	5.535	5.561	5.581	0.4
DE	79.113	81.539	82.163	82.501	82.002	81.802	81.752	81.844	0.1
EE	1.571	1.448	1.372	1.348	1.340	1.340	1.340	1.340	0.0
IE	3.507	3.598	3.778	4.112	4.450	4.468	4.570	4.583	0.3
EL	10.121	10.595	10.904	11.083	11.260	11.305	11.310	11.291	-0.2
ES	38.826	39.343	40.050	43.038	45.828	45.989	46.153	46.196	0.1
FR	56.577	57.753	58.858	60.963	62.466	62.791	63.128	63.461	0.5
IT	56.694	56.844	56.924	58.462	60.045	60.340	60.626	60.821	0.3
CY	0.573	0.645	0.690	0.749	0.797	0.819	0.840	0.862	2.7
LV	2.668	2.501	2.382	2.306	2.261	2.248	2.075	2.042	-1.6
LT	3.694	3.643	3.512	3.425	3.350	3.329	3.053	3.008	-1.5
LU	0.379	0.406	0.434	0.461	0.494	0.502	0.512	0.525	2.5
HU	10.375	10.337	10.222	10.098	10.031	10.014	9.986	9.958	-0.3
MT	0.352	0.369	0.380	0.403	0.414	0.414	0.415	0.416	0.2
NL	14.893	15.424	15.864	16.306	16.486	16.575	16.656	16.730	0.4
AT	7.645	7.943	8.002	8.201	8.355	8.375	8.404	8.443	0.5
PL	38.038	38.581	38.654	38.174	38.136	38.167	38.530	38.538	0.0
PT	9.996	10.018	10.195	10.529	10.627	10.638	10.572	10.542	-0.3
RO	23.211	22.712	22.455	21.659	21.499	21.462	21.414	21.356	-0.3
SI	1.996	1.989	1.988	1.998	2.032	2.047	2.050	2.055	0.3
SK	5.288	5.356	5.399	5.385	5.412	5.425	5.392	5.404	0.2
FI	4.974	5.099	5.171	5.237	5.326	5.351	5.375	5.401	0.5
SE	8.527	8.816	8.861	9.011	9.256	9.341	9.416	9.483	0.7
UK	57.157	57.943	58.785	60.039	61.595	62.027	62.499	62.990	0.8
HR	4.773	4.659	4.498	4.444	4.435	4.426	4.412	4.398	-0.3
MK	1.873	1.957	2.022	2.035	2.049	2.053	2.057	2.060	0.1
TR	55.495	61.204	66.889	71.610	71.517	72.561	73.723	74.724	1.4
IS	0.254	0.267	0.279	0.294	0.319	0.318	0.318	0.320	0.4
NO	4.233	4.348	4.478	4.606	4.799	4.858	4.920	4.986	1.3
CH	6.674	7.019	7.164	7.415	7.702	7.786	7.870	7.955	1.1
LI	0.028	0.031	0.032	0.035	0.036	0.036	0.036	0.036	0.9

Notes: DE: population: includes DE-E: 1970 = 17.1, 1980 = 16.7, 1990 = 16.1.

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 2011 (VALUE = billion EUR)

	IMPORTS FROM:									
	WORLD	EU-27	OF WHICH:						RUSSIA	CHINA
			EXTRA-EU-27	CANDIDATE 5	EFTA	USA	JAPAN			
EU-27	4451.211	2734.254	1716.957	58.153	97.727	190.911	69.145	199.093	293.281	
EU-15	3897.641	2342.986	1554.655	49.032	95.194	183.637	64.659	147.214	263.115	
EU-12	553.570	391.268	162.302	9.121	2.534	7.274	4.486	51.878	30.166	
BE	335.205	227.700	107.505	3.370	4.649	19.213	6.543	8.901	14.742	
BG	23.407	13.899	9.508	1.613	0.013	0.197	0.069	4.127	0.679	
CZ	109.285	81.457	27.828	0.834	0.082	1.374	1.263	5.235	8.313	
DK	68.719	48.416	20.303	0.785	4.354	1.890	0.377	1.032	4.664	
DE	901.456	571.747	329.709	12.756	19.965	35.824	18.061	38.309	64.331	
EE	12.672	9.944	2.728	0.048	0.137	0.134	0.031	1.031	0.554	
IE	47.849	33.252	14.597	0.229	1.082	6.287	0.607	0.102	1.801	
EL	43.715	22.700	21.015	1.560	0.103	0.824	0.321	4.151	2.581	
ES	268.464	153.761	114.703	3.415	1.577	9.422	2.583	8.317	15.527	
FR	512.819	346.519	166.300	5.333	4.950	22.037	5.632	13.249	24.650	
IT	401.416	215.728	185.688	7.260	2.004	13.026	4.218	16.904	29.574	
CY	6.234	4.303	1.931	0.028	0.028	0.145	0.050	0.024	0.297	
LV	11.703	9.082	2.621	0.056	0.096	0.077	0.017	0.975	0.301	
LT	22.826	12.949	9.877	0.120	0.099	0.266	0.041	7.316	0.452	
LU	21.062	17.237	3.825	0.032	0.003	1.093	0.165	0.013	1.439	
HU	73.592	51.038	22.554	0.886	0.028	1.303	1.147	6.379	6.189	
MT	4.521	3.327	1.194	0.077	0.005	0.164	0.037	0.003	0.152	
NL	430.330	199.176	231.154	4.072	15.211	25.871	11.998	25.956	51.023	
AT	137.512	105.682	31.830	2.020	1.029	2.443	1.051	3.093	3.909	
PL	151.291	105.848	45.443	1.304	1.863	2.204	1.068	18.078	7.433	
PT	57.729	42.149	15.580	0.165	0.437	1.098	0.341	0.563	1.499	
RO	54.939	39.944	14.995	2.228	0.132	0.621	0.260	2.093	2.528	
SI	25.523	17.268	8.255	1.430	0.025	0.511	0.081	0.408	1.046	
SK	57.577	42.209	15.368	0.497	0.025	0.277	0.423	6.212	2.223	
FI	60.530	37.226	23.304	0.294	1.751	1.564	0.408	11.072	2.622	
SE	126.869	86.436	40.433	1.048	10.198	3.889	1.899	7.160	5.968	
UK	483.966	235.257	248.709	6.691	27.880	39.156	10.453	8.390	38.785	
HR	16.281	10.065	6.216	0.658	0.329	0.373	0.169	1.185	1.153	

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

Member States External Trade EXPORTS

YEAR 2011 (VALUE = billion EUR)

	EXPORTS TO:								
	WORLD	EU-27	EXTRA-EU-27	OF WHICH:					
				CANDIDATE 5	EFTA	USA	JAPAN	RUSSIA	CHINA
EU-27	4362.355	2804.507	1557.848	87.003	189.140	263.638	49.005	108.313	136.343
EU-15	3834.978	2400.353	1434.625	71.023	178.668	253.158	47.249	84.955	129.885
EU-12	527.377	404.154	123.223	15.980	10.472	10.481	1.756	23.358	6.458
BE	342.015	246.176	95.839	5.001	7.302	17.426	3.386	4.686	7.329
BG	20.265	12.605	7.660	2.686	0.163	0.265	0.023	0.542	0.294
CZ	117.054	97.218	19.836	1.453	2.622	2.271	0.419	3.758	1.199
DK	80.358	52.430	27.928	0.895	5.897	4.828	1.392	1.516	2.010
DE	1058.581	627.745	430.836	22.424	56.173	73.089	15.025	34.378	64.712
EE	12.012	7.959	4.053	0.171	0.421	0.750	0.061	1.313	0.203
IE	90.328	52.152	38.176	0.505	4.084	21.296	1.740	0.500	1.496
EL	22.737	11.348	11.389	2.724	0.167	1.230	0.033	0.394	0.291
ES	220.093	146.447	73.646	4.652	5.741	7.913	1.835	2.522	3.392
FR	428.185	261.431	166.754	7.095	14.792	23.556	6.566	7.464	13.534
IT	375.811	210.609	165.202	11.218	22.084	22.831	4.732	9.305	9.996
CY	1.306	0.887	0.419	0.002	0.010	0.018	0.000	0.019	0.019
LV	9.432	6.224	3.208	0.122	0.255	0.108	0.035	1.643	0.047
LT	20.151	12.355	7.796	0.152	0.459	0.525	0.019	3.340	0.058
LU	15.707	12.739	2.968	0.358	0.734	0.395	0.041	0.220	0.171
HU	80.684	61.258	19.426	2.609	0.895	1.719	0.431	2.586	1.240
MT	3.151	1.293	1.858	0.026	0.032	0.158	0.098	0.001	0.073
NL	479.197	369.008	110.189	5.745	9.431	19.887	3.465	7.098	6.864
AT	127.458	89.797	37.661	2.061	7.143	6.145	1.175	3.559	2.759
PL	135.557	105.695	29.862	2.709	3.940	2.645	0.405	6.080	1.333
PT	42.326	31.344	10.982	0.313	0.467	1.499	0.192	0.140	0.399
RO	45.267	32.155	13.112	3.616	0.645	0.798	0.171	1.018	0.390
SI	24.968	17.717	7.251	1.303	0.315	0.328	0.029	0.969	0.111
SK	57.530	48.788	8.742	1.131	0.716	0.897	0.066	2.090	1.491
FI	56.855	31.663	25.192	0.849	2.359	2.919	0.975	5.337	2.667
SE	134.329	75.297	59.032	2.128	14.206	8.519	1.686	3.058	4.420
UK	360.998	182.167	178.831	5.054	28.088	41.625	5.006	4.778	9.844
HR	9.582	5.736	3.846	0.731	0.233	0.256	0.169	0.230	0.039

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

Comparison EU-27 – World

GENERAL DATA

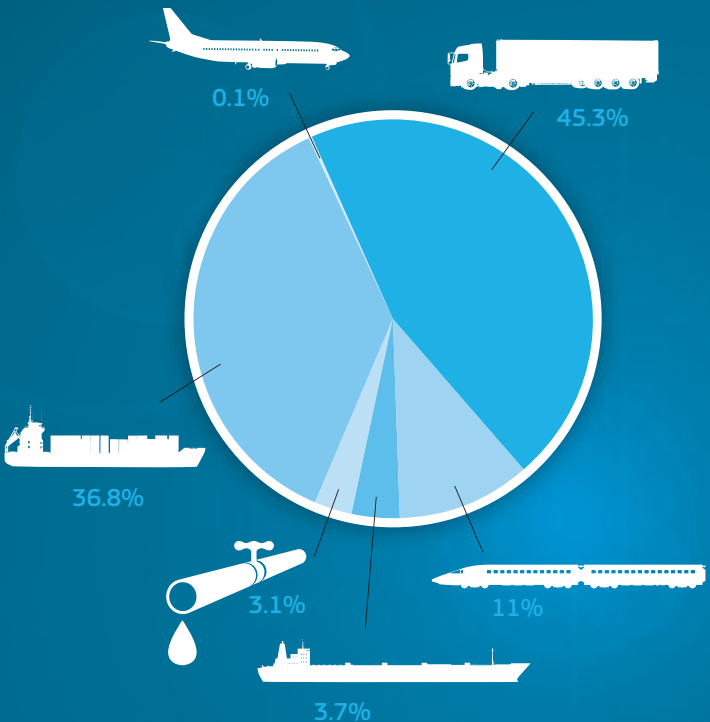
	EU-27 2011	USA 2011	JAPAN 2011	CHINA 2011	RUSSIA 2011
Population million	503.04	311.59	127.82	1344.13	141.93
Population growth % change since previous year	0.3	0.7	0.3	0.5	0.0
Urban population % of total	74	82	91	51	74
Area thousand km ²	4414	9629	378	9597	17075
Population density Persons/km ²	114	32	338	140	8
GDP (nominal) € billion	12 651	10 868	4 224	5 269	1 338
Real GDP growth %	1.5	1.7	-0.7	9.3	4.3
Relative GDP per capita in PPP (EU-27 = 100)	100	148	105	26	65
Exports of goods € billion	1 558	1 514	591	1 653	370
Imports of goods € billion	1 717	1 918	614	1 439	285

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

Transport

Road dominates transport in Europe

Freight transport in %, based on tonne-kilometres



PART 2 SUMMARY

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Statistical Overview EU Transport

Gross Value Added:

With around € 540 billion in Gross Value Added (GVA) at basic prices, the transport and storage services sector (including postal and courier activities) accounted for about 4.9% of total GVA in the EU-27 in 2010 ⁽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 2010, the transport and storage services sector (including postal and courier activities) in the EU-27 employed around 11.1 million persons ⁽²⁾, some 5.0% of the total workforce ⁽³⁾. Around 54% of them worked in land transport (road, rail, inland waterways and pipelines), 2% in sea transport, 4% in air transport and 24% in warehousing and supporting and transport activities (such as cargo handling, storage and warehousing) and the remaining 16% in postal and courier activities.

Household expenditure:

In 2011, private households in the EU-27 spent € 950 billion or roughly 13.0% of their total consumption on transport-related items.

Close to 27% of this sum (around € 260 billion) was used to purchase vehicles, more than half (€ 515 billion) was spent on the operation of personal transport equipment (e.g. to buy fuel for the car) and the rest (€ 176 billion) was spent on transport services (e.g. bus, train, plane tickets).

Goods transport:

In 2011, total goods transport activities in the EU-27 are estimated to have amounted to 3824 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 45.3% of this total, rail for 11%, inland waterways for 3.7% and oil pipelines for 3.1%. Intra-EU maritime transport was the second most important mode with a share of 36.8% while intra-EU air transport only accounted for 0.1% of the total.

Passenger transport:

In 2011, total passenger transport activities in the EU-27 by any motorised means of transport are estimated to have amounted to 6569 billion pkm or on average around 13060 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 73.4% 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 8.8% and 0.6% respectively.

Notes: ⁽¹⁾ 4.5% of total GVA if postal and courier activities are not included.

⁽²⁾ Figures on number of persons employed in transport, total workforce and shares per mode based on National Accounts.

⁽³⁾ 4.2% of total employment if postal and courier activities are not included.

Statistical Overview EU Transport

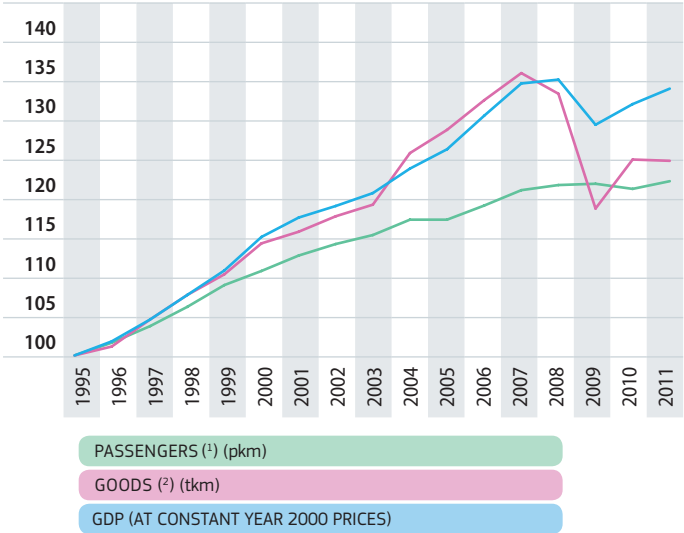
Safety:

- Road:** 30268 persons were killed in road accidents (fatalities within 30 days) in 2011, 2.5% fewer than in 2010 (when 31030 people lost their lives). In comparison with 2001, the number of road fatalities was lower by more than 40% (- 44.3%).
- Rail:** 38 passengers lost their lives in 2011; this figure does not include casualties among railway employees or other people run over by trains.
- Air:** In 2012, 8 people were killed on board a carrier which was flying over the EU territory.

Transport Growth EU-27

YEAR
1995
= 100

PASSENGERS, GOODS, GDP 1995–2011



ANNUAL GROWTH RATES EU-27

	1995–2011 p.a.	2000–2011 p.a.	2010–2011
GDP at year 2000 prices and exchange rates	1.9%	1.4%	1.5%
Passenger transport (pkm)	1.4%	0.8%	-0.2%
Freight transport (tkm)	1.3%	0.9%	0.8%

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

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	130	0.5
DE	50	100	(130)	0.5
EE	50	90–110	-	0.2
IE	50	80–100	120	0.5
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	110–130	0.5
HU	50	90–110	130	0.0
MT	50	80	-	0.8
NL	50	80–100	130	0.5
AT	50	100	130	0.5
PL	50–60	90–120	140	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	50	70	110	0.2
UK	32–48	96–112	112	0.8
HR	50	90–110	130	0.5
MK	60	80–100	120	0.5
TR	50	90–110	120	0.5
IS	50	80–90	-	0.5
NO	50	80	90–100	0.2
CH	50	80–100	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 the 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 05:00 to 23:00, 60 km/h from 23:00 to 05:00.

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 ⁽¹⁰⁾	40 ⁽¹¹⁾	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	10	11.5	18	25	36	40	40 ⁽⁶⁾
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	25	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	24	31	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-axle tractor + 3-axle semi-trailer: mechanical suspension = 43 t, pneumatic suspension = 44 t.

(³) National traffic / international traffic.

(⁴) 5 axles = 44 t; 6 axles = 56 t; 7 axles = 60 t.

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

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

(⁷) 10.5 t 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.

(¹¹) 44 t for 3 and + axle tractor + 3 and + axle trailer.

2.1.5

**Employment by Mode of Transport (*)
 (thousand) – 2010**

	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	10449.1	2926.4	1933.1	678.2	22.6	42.0	182.2	394.4	2492.3	1778.0
EU-15	8346.3	2220.9	1477.3	499.7	10.8	34.5	169.2	370.3	2081.6	1482.0
EU-12	2102.7	705.5	455.8	178.5	11.8	7.5	13.0	24.0	410.7	296.0
BE	217.0	62.1	12.5	4.5	0.1	0.8	1.7	4.3	91.0	40.1
BG	155.6	44.4	35.9	14.6	0.1	1.1	2.9	2.6	33.8	20.3
CZ	291.3	110.9	80.0	13.1	0.1	0.4	0.0	4.8	38.7	43.3
DK	131.4	28.5	26.3	10.1	0.0	0.1	11.4	4.7	23.0	27.1
DE	1880.6	359.8	331.6	73.4	2.9	8.7	27.7	63.7	569.4	443.4
EE	36.9	13.4	5.3	2.2	0.0	0.0	0.8	0.4	10.7	4.1
IE	78.2	19.3	9.6	6.3	0.0	0.2	2.6	8.2	14.7	17.2
EL	198.2	45.4	74.0	1.9	0.0	0.0	16.4	4.6	40.2	15.9
ES	921.0	361.9	179.4	20.5	0.0	0.4	7.0	32.6	221.8	97.4
FR	1380.2	375.1	243.7	170.3	4.4	3.7	14.3	69.2	254.8	244.6
IT	1109.6	331.8	174.9	44.5	2.6	2.5	27.2	23.6	339.7	162.9
CY	21.4	2.8	3.6	0.0	0.0	0.0	3.5	1.6	8.6	1.3
LV	68.2	18.2	12.5	4.8	0.3	0.1	0.9	1.4	23.8	6.4
LT	90.4	39.4	15.3	10.7	0.0	0.2	1.4	0.5	14.1	8.8
LU	22.9	8.3	3.3	2.2	0.0	0.1	0.3	3.9	2.8	2.0
HU	219.8	62.5	48.6	11.9	0.8	0.9	0.0	1.9	54.0	39.3
MT	7.4	2.1	3.7	0.0	0.0	0.0	0.1	0.0	1.4	0.1
NL	407.1	119.3	68.9	15.3	0.1	13.6	9.6	25.7	77.5	77.0
AT	208.4	57.3	53.4	12.5	0.4	0.5	0.0	8.3	49.5	26.6
PL	727.8	272.1	148.5	64.6	3.3	1.8	2.3	5.7	124.5	105.1
PT	163.2	65.6	35.5	4.1	0.1	0.9	1.3	10.8	27.8	17.1
RO	318.5	88.4	76.1	36.3	6.9	2.4	0.8	4.1	60.4	43.1
SI	50.8	21.6	8.0	4.1	0.2	0.5	0.2	0.7	7.8	7.6
SK	114.5	29.9	18.4	16.2	0.1	0.2	0.0	0.3	32.8	16.6
FI	148.1	44.0	30.8	1.6	0.0	0.2	9.1	9.0	27.3	26.1
SE	269.0	75.0	65.1	10.1	0.0	1.2	15.5	24.9	51.8	25.4
UK	1211.4	267.6	168.3	122.5	0.2	1.5	24.9	76.9	290.2	259.4
HR	77.1	21.7	10.2	10.6	0.1	0.0	3.8	4.7	23.0	3.0

Notes: (*) Data refer to transportation and storage activities (including postal and courier services, removal services). Data are based on Structural Business Statistics and therefore total transport employment differs from value on Overview 2.1.1. Values above in italics are not from ESTAT or other official source, but are merely indicative estimates by DG MOVE.

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

Number of Enterprises by Mode of Transport (*) – 2010

	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	1 120 153	581 462	336 429	861	231	9 651	11 082	3 893	127 447	49 097
EU-15	815 718	404 187	248 045	541	210	8 633	10 451	3 380	97 810	42 461
EU-12	304 435	177 275	88 384	320	21	1 018	632	513	29 637	6 636
BE	18 349	8 835	2 692	16	41	304	234	90	3 301	2 836
BG	19 084	9 110	7 587	10	1	32	23	41	1 812	468
CZ	39 341	28 118	5 773	59	5	92	5	45	4 786	458
DK	12 481	6 102	3 382	17	4	18	355	56	1 343	1 204
DE	87 534	34 470	25 317	228	78	1 030	2 158	595	15 096	8 562
EE	4 027	2 551	367	8	0	1	34	7	992	67
IE	9 735	4 654	1 626	7	0	60	172	43	1 036	2 137
EL	67 310	22 349	33 995	4	0	0	2 754	22	7 825	361
ES	209 545	126 401	62 064	11	3	63	273	88	14 597	6 045
FR	88 060	37 607	38 033	22	37	1 023	727	403	8 678	1 530
IT	135 199	79 960	29 008	22	14	926	661	227	22 305	2 076
CY	3 191	1 203	1 222	0	0	0	67	2	656	41
LV	5 570	2 808	798	15	1	12	48	18	1 559	311
LT	6 792	3 879	1 044	3	0	15	12	13	1 268	558
LU	936	486	175	2	0	18	11	18	174	52
HU	30 731	16 533	8 950	32	2	108	18	94	3 686	1 308
MT	1 298	489	497	0	0	0	27	1	267	17
NL	29 896	9 946	5 169	21	9	4 259	744	317	4 972	4 459
AT	13 939	6 742	5 174	23	6	82	0	190	1 327	395
PL	138 649	78 280	48 433	102	5	535	216	162	8 941	1 975
PT	24 194	9 802	11 524	5	3	41	175	75	2 246	323
RO	32 774	20 834	8 526	71	3	166	130	81	2 364	599
SI	8 688	6 091	1 079	5	2	33	44	40	853	541
SK	14 290	7 379	4 108	15	1	24	7	9	2 453	293
FI	23 030	11 081	9 409	6	1	76	240	69	1 811	337
SE	29 401	15 021	8 877	46	0	487	761	256	3 516	437
UK	66 109	30 731	11 600	111	14	246	1 186	931	9 583	11 707
HR	21 535	9 541	6 635	11	5	15	1 708	91	2 251	1 278

Notes: (*) Data refer to transportation and storage activities (including postal and courier services, removal services). The values above in italics are not from ESTAT or other official source, but are merely indicative estimates made by DG MOVE.

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

Turnover by Mode of Transport (*)

2010 (million EUR)

	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	1249602	293564	104121	74771	13565	7585	100654	122097	432445	100799
EU-15	1138951	251506	94688	65670	11892	7026	98883	116706	397702	94877
EU-12	110651	42059	9432	9102	1673	558	1771	5392	34743	5922
BE	46797	10670	1635	1692	59	210	2973	4257	22007	3294
BG	4691	2028	466	495	58	50	53	374	950	216
CZ	20060	7299	1982	1218	88	20	11	1257	6961	1223
DK	44666	4802	2619	1264	1315	33	20802	2585	8919	2328
DE	236525	33698	17793	16925	3563	2128	24230	18833	93981	25375
EE	4085	887	106	175	0	0	484	85	2276	72
IE	13437	2299	602	349	0	9	665	5188	2703	1623
EL	15404	4019	2612	211	0	0	2262	1376	3868	1055
ES	99535	33958	9028	2341	267	21	1838	8675	38816	4591
FR	192174	42958	17305	19279	2303	706	12654	19227	64272	13471
IT	144372	46065	10741	5196	2250	244	11904	8131	47775	12067
CY	1837	197	122	0	0	0	444	153	860	60
LV	4008	896	164	443	28	1	52	328	2017	80
LT	4956	2155	202	330	0	6	253	104	1806	99
LU	4833	1117	314	346	0	35	241	1613	938	230
HU	13214	3768	1082	993	146	72	2	1046	5231	875
MT	654	138	125	0	0	0	57	11	301	21
NL	67700	18228	2213	1924	406	3174	5495	9396	21905	4959
AT	36300	8576	3658	2535	663	137	0	2990	15310	2431
PL	35975	16601	3644	2894	834	240	245	1236	8375	1907
PT	17045	4963	1204	306	144	37	314	3500	5665	910
RO	10447	4338	976	842	392	144	89	524	2533	609
SI	4491	1981	222	362	28	2	79	210	1321	287
SK	6233	1771	342	1349	98	22	2	64	2112	472
FI	20684	5186	2079	1730	231	47	2593	1969	5772	1077
SE	43120	9439	6681	1813	0	125	3830	4814	15498	920
UK	156361	25529	16205	9758	690	122	9084	24152	50275	20546
HR	38447	5092	2673	634	383	3	14885	2969	9872	1936

Notes: (*) Data refer to transportation and storage activities (including postal and courier services, removal services). The values above in italics are not from ESTAT or other official source, but are merely indicative estimates made by DG MOVE.

(**) Including all urban and suburban land transport modes (motor bus, tramway, streetcar, trolley bus, underground and elevated railways). The above figures refer to 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 – 2011

	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	950 337	258 388	515 313	176 637	13.2	1 900
EU-15	884 168	243 556	477 699	162 913	13.4	2 200
EU-12	66 169	14 832	37 614	13 724	11.3	673
BE	23 223	6 623	14 510	2 090	12.4	2 100
BG	4 206	898	1 999	1 309	17.0	574
CZ	7 669	2 451	3 837	1 380	9.4	700
DK	14 136	5 405	7 243	1 488	12.3	2 500
DE	197 360	70 500	90 640	36 220	14.0	2 400
EE	1 096	271	601	225	13.2	800
IE	9 618	2 376	5 092	2 149	13.3	2 100
EL	18 929	3 556	9 724	5 649	11.8	1 700
ES	73 818	17 844	44 242	11 732	11.5	1 519
FR	160 569	40 263	94 881	25 425	14.4	2 500
IT	124 818	26 084	79 527	19 206	12.8	2 100
CY	1 477	508	770	199	11.5	1 700
LV	1 687	232	1 129	327	13.6	800
LT	2 903	476	2 066	361	15.1	1 000
LU	3 032	932	1 989	112	19.1	5 800
HU	7 003	1 205	4 775	1 023	13.0	700
MT	576	133	348	95	12.5	1 400
NL	33 290	8 928	19 258	5 104	12.5	2 000
AT	22 258	5 940	12 656	3 662	13.4	2 600
PL	22 285	5 128	12 801	4 356	10.0	600
PT	14 601	4 333	7 794	2 475	12.6	1 400
RO	11 112	2 067	5 653	3 392	13.7	520
SI	3 327	784	2 301	242	15.1	1 600
SK	2 828	678	1 333	817	7.3	500
FI	11 320	3 101	6 113	2 106	11.3	2 100
SE	24 038	6 293	12 585	5 161	13.3	2 500
UK	153 159	41 379	71 445	40 335	14.3	2 400
HR	3 370	553	2 477	340	12.9	766

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
2012	118.4	125.5	102.7	102.2	107.1
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
2012	135.6	121.3	146.3	126.9	116.8
2011	129.2	118.6	136.7	123.7	114.8
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
2012	134.4	134.3	130.8	126.2	144.5	130.6	111.7
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 2011

VALUE (billion EUR)

PARTNER: EXTRA-EU-27						
	EXPORT		IMPORT		EXPORT + IMPORT	
Sea	739.6	47.4%	954.1	55.4%	1 693.7	51.6%
Road	321.0	20.6%	224.9	13.1%	545.9	16.6%
Rail	22.6	1.4%	20.0	1.2%	42.5	1.3%
Inland waterway	3.6	0.2%	3.9	0.2%	7.5	0.2%
Pipeline	4.7	0.3%	106.0	6.2%	110.8	3.4%
Air	423.2	27.1%	324.6	18.9%	747.8	22.8%
Self propulsion	39.6	2.5%	17.5	1.0%	57.1	1.7%
Post	0.6	0.0%	1.7	0.1%	2.3	0.1%
Unknown	4.1	0.3%	69.0	4.0%	73.0	2.2%
TOTAL	1 558.9	100.0%	1 721.7	100.0%	3 280.6	100.0%

WEIGHT (million tonnes)

PARTNER: EXTRA-EU-27						
	EXPORT		IMPORT		EXPORT + IMPORT	
Sea	442.4	77.4%	1 232.8	74.6%	1 675.2	75.3%
Road	85.6	15.0%	59.8	3.6%	145.4	6.5%
Rail	20.3	3.6%	69.8	4.2%	90.1	4.1%
Inland waterway	6.4	1.1%	12.4	0.8%	18.8	0.8%
Pipeline	3.3	0.6%	224.7	13.6%	228.0	10.2%
Air	10.4	1.8%	3.8	0.2%	14.3	0.6%
Self propulsion	2.3	0.4%	4.9	0.3%	7.2	0.3%
Post	0.0	0.0%	0.0	0.0%	0.0	0.0%
Unknown	0.8	0.1%	44.6	2.7%	45.4	2.0%
TOTAL	571.6	100.0%	1 652.9	100.0%	2 224.5	100.0%

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

Energy taxes

AS % OF GDP - TRANSPORT FUEL TAXES (*)

	%								RANKING IN 2011
	2004	2005	2006	2007	2008	2009	2010	2011	
EU-27	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	
EU-15				1.4	1.3	1.4	1.4	1.4	
EU-12				1.9	1.8	1.9	1.9	1.9	
BE	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	25
BG				2.9	2.9	2.6	2.5	2.5	2
CZ		2.2	2.1	2.1	2.0	2.1	2.0	2.1	4
DK	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	27
DE	1.7	1.6	1.5	1.4	1.4	1.5	1.4	1.4	17
EE	1.7	1.8	1.7	1.7	1.7	2.2	2.1	2.0	5
IE	1.2	1.2	1.2	1.1	1.2	1.3	1.3	1.3	21
EL	1.2	1.1	1.1	1.1	0.9	1.0	1.5	1.6	12
ES	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	26
FR	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	23
IT	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	15
CY	1.7	1.6	1.5	1.5	1.4	1.4	1.7	1.8	9
LV		2.2	2.0	1.7	1.7	2.0	2.0	1.9	6
LT	1.7	1.7	1.6	1.6	1.5	1.9	1.8	1.6	14
LU	2.9	2.8	2.5	2.3	2.4	2.3	2.2	2.2	3
HU	1.8	1.8	1.9	1.8	1.8	1.8	1.9	1.8	8
MT	1.2	1.3	1.3	1.7	1.4	1.2	1.5	1.6	13
NL	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	22
AT	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	19
PL	1.7	1.8	1.9	1.9	1.9	1.8	1.9	1.9	7
PT	2.0	1.9	1.9	1.9	1.7	1.8	1.8	1.7	10
RO				1.3	1.3	1.6	1.6	1.4	18
SI	2.2	2.1	2.1	2.1	2.2	2.7	2.7	2.6	1
SK		2.1	2.0	1.8	1.8	1.7	1.6	1.6	16
FI	1.5	1.4	1.4	1.3	1.3	1.4	1.4	1.3	20
SE	1.3	1.4	1.3	1.2	1.2	1.3	1.2	1.1	24
UK	1.8	1.7	1.6	1.6	1.6	1.7	1.7	1.6	11
HR									
MK									
TR									
IS									
NO	0.9	0.9	0.8	0.8	0.7	0.8	0.8	0.7	
CH									

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

Environmental taxes

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

	%								RANKING IN 2011
	1995	2000	2005	2007	2008	2009	2010	2011	
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	0.6	0.5	0.5	0.5	0.5	
EU-12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	
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	0.2	20
CZ	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	25
DK	2.1	1.8	2.2	2.2	1.8	1.5	1.5	1.5	1
DE	0.4	0.3	0.4	0.4	0.4	0.3	0.3	0.4	17
EE	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.1	26
IE	1.3	1.4	1.2	1.3	1.2	0.9	1.0	0.9	5
EL	0.6	0.8	0.9	0.8	0.8	0.8	0.7	0.7	8
ES	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	18
FR	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	19
IT	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	9
CY	2.3	2.0	1.6	1.6	1.6	1.3	1.1	0.9	6
LV	0.0	0.3	0.3	0.3	0.2	0.2	0.3	0.5	14
LT	0.7	0.7	0.5	0.1	0.0	0.0	0.0	0.0	27
LU	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	24
HU	0.2	0.4	0.5	0.7	0.6	0.5	0.5	0.5	13
MT	2.3	2.3	1.8	1.7	1.6	1.6	1.4	1.4	2
NL	1.3	1.4	1.3	1.4	1.3	1.2	1.2	1.2	3
AT	0.7	0.8	0.8	0.8	0.7	0.8	0.7	0.8	7
PL	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2	22
PT	0.9	1.1	0.9	0.9	0.7	0.6	0.7	0.6	12
RO	0.0	0.1	0.1	0.3	0.4	0.3	0.2	0.2	23
SI	1.0	0.4	0.5	0.5	0.5	0.4	0.4	0.4	16
SK	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	21
FI	0.8	1.1	1.2	1.0	0.9	0.8	0.9	1.0	4
SE	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.4	15
UK	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	10
HR									
MK									
TR									
IS	1.2	1.7	1.6	1.1	0.6	0.3	0.3	0.3	
NO									
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 (FUELAND OTHER TAXES) (*) – AS % OF TOTAL TAXATION

	%							RANKING IN 2011
	2005	2006	2007	2008	2009	2010	2011	
EU-27	5.3	5.1	5.0	4.8	5.0	5.0	4.9	
EU-15			4.9	4.7	4.9	4.9	4.8	
EU-12			6.4	6.3	6.7	6.7	6.5	
BE	4.4	4.1	3.9	3.7	3.9	3.9	3.9	25
BG			9.6	10.0	9.9	10.1	9.9	1
CZ	6.7	6.5	6.3	6.2	6.8	6.3	6.4	9
DK	6.8	6.9	6.8	6.1	5.5	5.4	5.2	19
DE	5.2	5.0	4.7	4.6	4.7	4.6	4.5	23
EE	6.2	5.8	5.7	5.4	6.3	6.3	6.2	15
IE	7.9	7.4	7.6	8.0	8.0	7.9	7.6	6
EL	6.2	6.0	6.1	5.2	5.7	6.9	7.0	7
ES	4.8	4.5	4.3	4.3	4.6	4.3	4.2	24
FR	3.6	3.5	3.5	3.4	3.5	3.3	3.2	27
IT	5.5	5.2	4.9	4.8	4.9	4.9	5.2	21
CY	9.2	8.3	7.7	7.7	7.7	7.7	7.6	5
LV	8.7	7.5	6.5	6.5	8.5	8.5	8.5	3
LT	7.6	5.7	5.6	5.1	6.6	6.7	6.3	12
LU	7.7	7.2	7.0	6.9	6.5	6.2	6.3	14
HU	6.3	6.8	6.1	5.8	5.7	6.2	6.1	17
MT	9.0	9.1	9.8	9.2	8.4	8.7	9.0	2
NL	6.9	6.8	6.7	6.5	6.7	6.5	6.4	11
AT	5.2	5.0	4.8	4.8	4.9	4.8	5.0	22
PL	6.4	6.2	6.2	6.2	6.4	6.6	6.4	10
PT	9.0	8.6	8.3	7.4	7.7	7.7	6.8	8
RO			5.8	6.1	6.8	6.6	5.7	18
SI	6.8	6.8	7.0	7.1	8.4	8.3	8.0	4
SK	7.4	7.4	6.9	6.7	6.5	6.3	6.1	16
FI	5.9	5.8	5.4	5.2	5.1	5.4	5.2	20
SE	3.6	3.5	3.5	3.8	3.9	3.8	3.6	26
UK	6.0	5.7	5.9	5.6	6.6	6.5	6.3	13
HR								
MK								
TR								
IS								
NO								
CH								

Note: (*) 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
	2010	2010 ⁽¹⁾	2010 ⁽²⁾	2010	2010
1 000 km					
Road network (paved)	5 000	4 400	973	3 305	786
Motorway network	69.5	94.9 ⁽³⁾	7.8 ⁽⁴⁾	74.1	29.0
Railway network	212.8	204.5 ⁽⁵⁾	27.8	91.2	86.0
Electrified rail lines	112		15.2	32.7	43.2
Navigable inland waterways	40.6	40.7		124.2	101.0
Oil pipelines	37.4	283.7		78.5 ⁽⁶⁾	49.0 ⁽⁷⁾

VEHICLE STOCK						
	EU-27	USA	JAPAN	CHINA	RUSSIA	
	2011	2010	2011	2011	2011	
Passenger cars stock	million	242.2	230 ⁽⁸⁾	69.7 ⁽⁹⁾	49.6	34.6
Motorisation	cars / 1 000 persons	483	742	546	37	244
Commercial freight vehicles	million	33.98	10.77	6.14	15.97	5.55

TRANSPORT SAFETY						
	EU-27	USA	JAPAN	CHINA	RUSSIA	
	2011	2011	2011	2011	2011	
Road fatalities	number	30 268	32 367	4 612	62 387	28 000
	per million inhabitants	60	104	36	47	197

- Notes:** ⁽¹⁾ USA: data on the road network and on the motorway network are from 2008.
⁽²⁾ Japan: data on the railway network and on the electrified rail lines are from 2009.
⁽³⁾ 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. 16 000 km of oil product pipelines are not included.
⁽⁸⁾ USA: all 2-axle 4-tyre vehicles.
⁽⁹⁾ Japan: including 29.6 million light motor vehicles (engine capacity up to 660 cubic centimetres).

Comparison EU-27 – World: PASSENGER AND FREIGHT TRANSPORT

PASSENGER TRANSPORT					
billion pkm	EU-27	USA	JAPAN	CHINA	RUSSIA
	2011	2010	2010 ⁽¹⁾	2011	2011
Passenger car	4822.1	5866.7 ⁽²⁾	766.7 ⁽³⁾	1676.0 ⁽⁴⁾	
Bus + trolley bus + coach	512.2	470.4	87.0		145.5
Railway	407.1	36.7	394	961.2	139.8
Tram + metro	92.9	17.3	⁽⁵⁾		49.6
Waterborne	36.6	0.6	4.4	7.5	0.7
Air (domestic / intra-EU-27)	575.1	908.9	75.7	453.7	166.8

FREIGHT TRANSPORT					
billion tkm	EU-27	USA	JAPAN	CHINA	RUSSIA
	2011	2009	2010	2011	2011
Road	1734.1	1929.2	333.2 ⁽⁷⁾	5137.5	223.0
Rail	420.0	2309.8 ⁽⁶⁾	20.4	2946.6	2128.0
Inland waterways	141.1	406.6		2606.9	61.0
Oil pipeline	118.6	829.8		202.2 ⁽⁸⁾	2422.0
Sea (domestic / intra-EU-27)	1407.7	286.6	179.7	4935.5	77.0

Notes: ⁽¹⁾ Japan: data for passenger car, bus+trolley bus+coach and waterborne are 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.

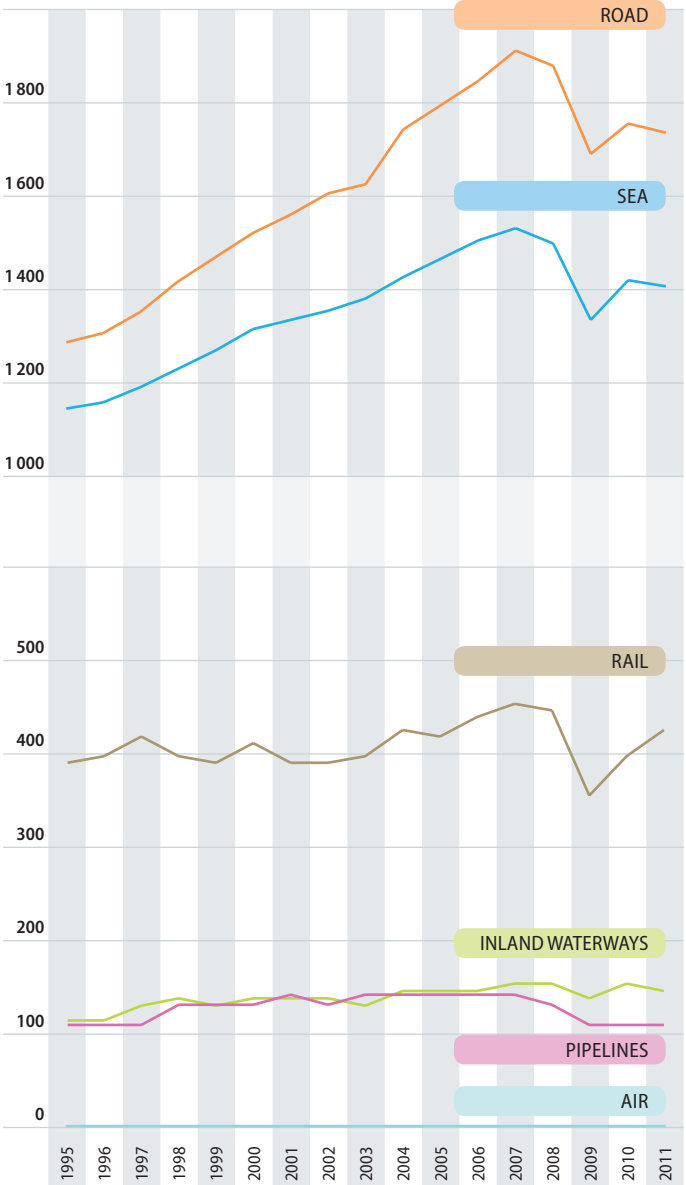
⁽⁶⁾ USA: Class I rail.

⁽⁷⁾ Japan: 2009.

⁽⁸⁾ China: oil and gas pipelines.

EU-27 Performance by Mode for Freight Transport – 1995–2011

billion tonne-kilometres



EU-27 PERFORMANCE BY MODE

FREIGHT TRANSPORT

billion tonne-kilometres

	ROAD	RAIL	INLAND WATER- WAYS	PIPE- LINES	SEA	AIR	TOTAL
1995	1289	386	122	115	1146	2	3060
1997	1352	410	128	118	1193	2	3202
1998	1414	393	131	125	1232	2	3297
1999	1470	384	129	124	1268	2	3377
2000	1519	404	134	127	1314	2	3499
2001	1556	386	133	133	1334	2	3544
2002	1606	384	133	128	1355	2	3608
2003	1625	392	124	130	1378	2	3652
2004	1742	417	137	132	1427	3	3857
2005	1794	413	139	136	1461	3	3946
2006	1848	435	138	136	1505	3	4064
2007	1914	448	145	130	1532	3	4173
2008	1881	440	145	125	1498	3	4091
2009	1690	361	130	119	1336	2	3639
2010	1756	391	148	121	1415	3	3833
2011	1734	420	141	119	1408	3	3824
1995–2011	34.6%	8.8%	15.6%	3.2%	22.8%	25.9%	25.0%
per year	1.9%	0.5%	0.9%	0.2%	1.3%	1.4%	1.4%
2000–2011	14.2%	4.0%	5.4%	–6.4%	7.1%	2.8%	9.3%
per year	1.2%	0.4%	0.5%	–0.6%	0.6%	0.2%	0.8%
2010–2011	–1.2%	7.3%	–4.8%	–1.7%	–0.5%	–1.2%	–0.2%

MODAL SPLIT

(%)

	ROAD	RAIL	INLAND WATER- WAYS	PIPE- LINES	SEA	AIR
1995	42.1	12.6	4.0	3.8	37.5	0.1
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
2011	45.3	11.0	3.7	3.1	36.8	0.1

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

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

EU-27 PERFORMANCE BY MODE

FREIGHT TRANSPORT FOR INLAND MODES

billion tonne-kilometres

	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
1995	1 289	386	122	115	1 912
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	391	148	121	2 416
2011	1 734	420	141	119	2 414
1995–2011 per year	34.6%	8.8%	15.6%	3.2%	26.3%
	1.9%	0.5%	0.9%	0.2%	1.5%
2000–2011 per year	14.2%	4.0%	5.4%	– 6.4%	10.6%
	1.2%	0.4%	0.5%	– 0.6%	0.9%
2010–2011	– 1.2%	7.3%	– 4.8%	– 1.7%	– 0.1%

MODAL SPLIT

(%)

	ROAD	RAIL	INLAND WATERWAYS	PIPELINES
1995	67.4	20.2	6.4	6.0
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
2011	71.8	17.4	5.8	4.9

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

Road: NATIONAL HAULAGE

HAULAGE BY VEHICLES REGISTERED IN THE REPORTING COUNTRY

	billion tkm					% OF TOTAL HAULAGE 2011	% CHANGE '10/'11
	1995	2000	2005	2010	2011		
EU-27		<i>1 088.8</i>	<i>1 229.3</i>	<i>1 176.8</i>	<i>1 168.2</i>	67.4	-0.7
EU-15	<i>869.9</i>	<i>989.4</i>	<i>1 100.8</i>	<i>1 031.3</i>	<i>1 019.9</i>	78.3	-1.1
EU-12		<i>99.5</i>	<i>128.6</i>	<i>145.5</i>	<i>148.4</i>	34.4	2.0
BE	18.6	19.8	19.3	17.8	17.8	53.6	0.0
BG		3.1	5.0	6.1	6.5	30.7	6.5
CZ		14.2	15.5	14.8	15.0	27.3	1.5
DK	9.3	11.0	11.1	10.6	12.0	74.6	13.7
DE	201.3	226.5	237.6	252.5	265.0	81.8	5.0
EE	0.4	0.7	1.8	1.4	1.6	26.4	12.5
IE	4.7	8.3	14.0	8.2	7.5	73.9	-9.1
EL	<i>20.0</i>	<i>24.5</i>	<i>27.5</i>	25.3	16.8	81.6	-33.4
ES	78.7	106.9	166.4	146.2	142.3	68.8	-2.6
FR	135.3	163.2	177.3	164.3	168.2	90.6	2.4
IT	150.3	158.3	171.6	149.2	127.7	89.4	-14.5
CY		1.3	1.4	1.1	0.9	98.1	-13.4
LV		1.5	2.7	2.6	2.6	21.8	3.3
LT		1.5	2.1	2.3	2.3	10.8	1.2
LU	0.5	0.4	0.5	0.6	0.7	7.4	13.2
HU		12.1	11.4	11.3	10.5	30.5	-7.0
MT		0.2	0.2	0.2	0.2	80.0	0.0
NL	26.7	31.5	31.8	34.3	33.6	45.8	-2.1
AT	11.1	12.4	12.5	13.9	14.5	50.7	4.0
PL		48.0	60.9	86.2	89.7	43.2	4.2
PT	16.5	17.1	17.4	12.9	12.7	34.8	-1.6
RO		9.9	19.4	12.1	11.9	45.0	-2.0
SI		1.9	2.4	2.3	2.2	13.2	-4.9
SK		5.1	5.6	5.2	4.9	16.8	-5.6
FI	21.8	27.7	27.8	25.2	23.7	88.3	-5.7
SE	28.4	31.5	34.7	32.7	33.4	90.4	2.0
UK	146.7	150.3	151.2	137.8	<i>144.0</i>	94.1	4.6
HR		1.9	4.4	4.5	4.4	49.0	-3.8
MK							
TR	112.5	161.6	166.8	190.4	203.1		6.7
IS	0.5	0.6	0.7	0.8	0.8		0.2
NO		12.1	15.4	16.3	16.1	84.1	-1.3
CH	8.4	8.9	9.2	9.6	9.9	73.1	3.8

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

Road: INTERNATIONAL HAULAGE (*)

HAULAGE BY VEHICLES REGISTERED IN THE REPORTING COUNTRY

	billion tkm					% OF TOTAL HAULAGE 2011	% CHANGE '10/'11
	1995	2000	2005	2010	2011		
EU-27		429.9	564.7	578.8	565.9	32.6	-2.2
EU-15	268.3	339.5	381.6	302.1	283.3	21.7	-6.2
EU-12		90.4	183.1	276.7	282.6	65.6	2.1
BE	27.0	31.3	24.6	17.2	15.4	46.4	-10.9
BG		3.3	9.3	13.3	14.7	69.3	10.4
CZ		23.1	27.9	37.1	39.8	72.7	7.5
DK	13.1	13.0	12.2	4.4	4.1	25.4	-7.9
DE	36.5	54.2	72.5	60.6	58.8	18.2	-3.0
EE	1.1	3.2	4.0	4.2	4.4	73.6	3.0
IE	0.8	3.9	3.9	2.7	2.6	26.1	-2.9
EL	4.0	4.5	5.0	4.6	3.8	18.4	-16.9
ES	22.9	41.8	66.8	63.9	64.5	31.2	1.0
FR	42.9	40.8	28.0	17.9	17.4	9.4	-2.4
IT	24.1	26.4	40.2	26.5	15.2	10.6	-42.8
CY		0.0	0.0	0.0	0.0	1.9	-14.3
LV		3.3	5.7	8.0	9.5	78.2	18.1
LT		6.2	13.8	17.1	19.2	89.2	12.2
LU	5.0	7.2	8.3	8.1	8.2	92.6	0.8
HU		7.0	13.8	22.4	24.0	69.5	7.2
MT		0.1	0.1	0.1	0.1	20.0	0.0
NL	40.4	48.0	52.3	42.0	39.8	54.2	-5.3
AT	15.4	22.7	24.5	14.7	14.1	49.3	-4.6
PL		27.0	50.9	124.7	117.9	56.8	-5.4
PT	15.5	21.9	25.2	22.5	23.8	65.2	5.7
RO		4.4	32.1	13.8	14.5	55.0	5.1
SI		3.4	8.7	13.6	14.3	86.8	4.5
SK		9.3	16.9	22.4	24.3	83.2	8.5
FI	2.7	4.3	4.0	4.4	3.1	11.7	-28.5
SE	3.2	4.2	3.9	3.5	3.5	9.6	-0.2
UK	14.8	15.3	10.1	8.9	9.0	5.9	0.4
HR		1.0	4.9	4.2	4.6	51.0	7.5
MK							
TR							
IS							
NO		3.0	2.9	3.4	3.1	15.9	-10.3
CH ⁽¹⁾	0.7	0.9	1.0	3.7	3.7	26.9	-0.9

Notes: (*) Including cross-trade and cabotage.

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

(¹) CH: in contrast to the data for other countries, until 2007 the Swiss data do not include that part of international journeys by Swiss hauliers that takes place outside Switzerland.

Road: NATIONAL AND INTERNATIONAL HAULAGE (*)

HAULAGE BY VEHICLES REGISTERED IN THE REPORTING COUNTRY

	billion tkm					%
	1995	2000	2005	2010	2011	CHANGE '10/'11
EU-27	<i>1 288.7</i>	<i>1 518.7</i>	<i>1 794.0</i>	<i>1 755.6</i>	<i>1 734.1</i>	- 1.2
EU-15	<i>1 138.2</i>	<i>1 328.9</i>	<i>1 482.3</i>	<i>1 333.5</i>	<i>1 303.2</i>	- 2.3
EU-12	<i>150.4</i>	<i>189.8</i>	<i>311.7</i>	<i>422.2</i>	<i>430.9</i>	2.1
BE	45.60	51.05	43.85	35.00	33.11	- 5.4
BG	5.20	6.40	14.37	19.43	21.21	9.2
CZ	31.30	37.31	43.45	51.83	54.83	5.8
DK	22.40	24.02	23.30	15.02	16.12	7.3
DE	237.80	280.71	310.10	313.10	323.83	3.4
EE	1.55	3.93	5.82	5.61	5.91	5.3
IE	5.50	12.28	17.91	10.94	10.11	- 7.6
EL	24.00	29.00	32.50	29.82	20.60	- 30.9
ES	101.60	148.72	233.23	210.07	206.84	- 1.5
FR	178.20	204.00	205.28	182.19	185.69	1.9
IT	174.43	184.68	211.80	175.78	142.84	- 18.7
CY	1.20	1.31	1.39	1.09	0.94	- 13.4
LV	1.83	4.79	8.39	10.59	12.13	14.6
LT	5.20	7.77	15.91	19.40	21.51	10.9
LU	5.50	7.61	8.80	8.69	8.84	1.6
HU	13.80	19.12	25.15	33.72	34.53	2.4
MT	0.25	0.25	0.25	0.25	0.25	0.0
NL	67.10	79.57	84.16	76.34	73.41	- 3.8
AT	26.50	35.12	37.04	28.66	28.54	- 0.4
PL	51.20	75.02	111.83	210.85	207.65	- 1.5
PT	32.00	38.91	42.61	35.37	36.45	3.1
RO	19.70	14.29	51.53	25.89	26.35	1.8
SI	3.30	5.30	11.03	15.93	16.44	3.2
SK	15.90	14.34	22.57	27.58	29.18	5.8
FI	24.50	31.98	31.86	29.53	26.86	- 9.0
SE	31.60	35.62	38.58	36.27	36.93	1.8
UK	161.50	165.62	161.29	146.69	152.99	4.3
HR		2.86	9.33	8.78	8.93	1.7
MK		3.50	5.58	4.24	5.38	27.1
TR ^(*)	112.50	161.55	166.83	190.37	203.07	6.7
IS	0.50	0.60	0.74	0.81	0.81	0.2
NO	9.70	15.13	18.25	19.75	19.19	- 2.9
CH ⁽²⁾	9.11	9.79	10.20	13.24	13.57	2.5

Notes: (*) Including cross-trade and cabotage.

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

(1) TR and IS: national transport only.

(2) CH: in contrast to the data for other countries, until 2007 the Swiss data do not include that part of international journeys by Swiss hauliers that takes place outside Switzerland.

Railways

	billion tkm							%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27	526.3	386.1	403.7	413.2	361.0	391.2	420.0	7.3
EU-15	256.5	222.7	257.1	261.9	236.5	255.7	270.3	5.7
EU-12	269.8	163.4	146.6	151.3	124.5	135.5	149.7	10.5
BE	8.4	7.3	7.7	8.1	6.4	7.5	7.6	1.6
BG	14.1	8.6	5.5	5.2	3.1	3.1	3.3	7.4
CZ		22.6	17.5	14.9	12.8	13.8	14.3	4.0
DK	1.7	2.0	2.0	2.0	1.7	2.2	2.6	16.8
DE	101.7	70.5	82.7	95.4	95.8	107.3	113.3	5.6
EE	7.0	3.8	8.1	10.6	5.9	6.6	6.3	-5.5
IE	0.6	0.6	0.5	0.3	0.1	0.1	0.1	14.1
EL	0.6	0.3	0.4	0.6	0.6	0.6	0.4	-42.7
ES	11.2	11.0	11.6	11.6	7.9	9.2	9.7	5.8
FR	52.2	48.3	57.7	40.7	32.1	30.0	34.2	14.1
IT	19.4	21.7	22.8	22.8	17.8	18.6	19.8	6.3
CY	-	-	-	-	-	-	-	-
LV	18.5	9.8	13.3	19.8	18.7	17.2	21.4	24.6
LT	19.3	7.2	8.9	12.5	11.9	13.4	15.1	12.3
LU	0.6	0.5	0.6	0.4	0.2	0.3	0.3	-10.8
HU	16.8	8.4	8.8	9.1	7.7	8.8	9.1	3.5
MT	-	-	-	-	-	-	-	-
NL	3.1	3.1	4.5	5.9	5.6	5.9	6.4	7.6
AT	12.2	13.2	16.6	19.0	17.8	19.8	20.3	2.6
PL	81.6	68.2	54.0	50.0	43.4	48.7	53.7	10.4
PT	1.5	2.0	2.2	2.4	2.2	2.3	2.3	0.4
RO	48.9	17.9	16.4	16.6	11.1	12.4	14.7	18.9
SI	4.2	3.1	2.9	3.2	2.8	3.4	3.8	9.7
SK		13.8	11.2	9.5	7.0	8.1	8.0	-1.8
FI	8.4	9.6	10.1	9.7	8.9	9.8	9.4	-3.6
SE	19.1	19.4	19.5	21.7	20.4	23.5	22.9	-2.6
UK	16.0	13.3	18.1	21.4	19.2	18.6	21.0	12.9
HR		2.0	1.8	2.8	2.6	2.6	2.4	-6.9
MK			0.5	0.5	0.5	0.5	0.5	-8.8
TR	7.9	8.5	9.8	9.1	10.2	11.3	11.3	0.0
IS	-	-	-	-	-	-	-	-
NO	2.6	2.7	3.0	3.1	3.7	3.5	3.6	2.2
CH	9.0	8.9	11.1	11.7	10.6	11.1	11.5	4.1

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

Inland Waterways

	billion tkm							%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27	118.3	122.1	133.9	138.7	129.8	148.3	141.1	- 4.8
EU-15	107.0	114.6	127.4	126.2	109.7	124.2	122.4	- 1.4
EU-12	11.4	7.5	6.5	12.4	20.2	24.1	18.7	- 22.5
BE	5.4	5.7	7.2	8.6	7.1	9.1	9.3	2.0
BG	1.6	0.5	0.3	0.8	5.4	6.0	4.3	- 28.7
CZ		0.3	0.1	0.1	0.0	0.0	0.0	- 2.3
DK	-	-	-	-	-	-	-	
DE	54.8	64.0	66.5	64.1	55.7	62.3	55.0	- 11.6
EE	0.0	0.0	-	-	-	-	-	
IE	-	-	-	-	-	-	-	
EL	-	-	-	-	-	-	-	
ES	-	-	-	-	-	-	-	
FR	7.6	6.6	9.1	8.9	8.7	9.5	9.0	- 4.6
IT	0.1	0.1	0.2	0.1	0.1	0.1	0.1	33.3
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	0.3	0.4	0.3	- 15.0
HU	2.0	1.2	0.9	2.1	1.8	2.4	1.8	- 23.1
MT	-	-	-	-	-	-	-	
NL	35.7	35.5	41.3	42.2	35.7	40.3	46.3	15.0
AT	1.7	2.0	2.4	1.8	2.0	2.4	2.1	- 10.6
PL	1.0	0.9	1.2	0.3	0.2	0.1	0.2	23.8
PT	-	-	-	-	-	-	-	
RO	2.1	3.1	2.6	8.4	11.8	14.3	11.4	- 20.3
SI	-	-	-	-	-	-	-	
SK		1.5	1.4	0.7	0.9	1.2	0.9	- 21.7
FI	1.1	0.1	0.1	0.1	0.1	0.1	0.1	18.4
SE	-	-	-	-	-	-	-	
UK	0.3	0.2	0.2	0.2	0.2	0.1	0.1	2.3
HR	0.5	0.0	0.1	0.1	0.7	0.9	0.7	- 26.4
MK	-	-	-	-	-	-	-	
TR	-	-	-	-	-	-	-	
IS	-	-	-	-	-	-	-	
NO	-	-	-	-	-	-	-	
CH	0.2	0.0	0.1	0.0	0.0	0.0	0.0	- 9.2

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 include only national traffic.
 BG and RO: data include transit traffic from 2009 (and partially from 2008).
 HR: data include transit traffic from 2008 onward.

Pipelines (Oil)

billion tkm								%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27		<i>114.9</i>	<i>126.7</i>	<i>136.4</i>	<i>119.3</i>	<i>120.6</i>	<i>118.6</i>	-1.7
EU-15	<i>71.7</i>	<i>80.2</i>	<i>86.2</i>	<i>90.5</i>	<i>83.0</i>	<i>82.2</i>	<i>81.2</i>	-1.3
EU-12		<i>34.7</i>	<i>40.5</i>	<i>46.0</i>	<i>36.3</i>	<i>38.3</i>	<i>37.4</i>	-2.5
BE	1.0	1.4	1.6	1.5	1.5	1.5	1.5	1.0
BG	0.6	0.4	0.4	0.4	0.4	0.4	0.5	16.0
CZ		2.3	1.6	2.3	2.2	2.2	2.0	-10.8
DK	2.0	3.1	4.7	5.1	3.9	3.5	3.3	-6.1
DE	13.3	14.8	15.0	16.7	16.0	16.3	15.6	-3.9
EE	-	-	-	-	-	-	-	
IE	-	-	-	-	-	-	-	
EL	-	-	-	0.2	0.2	0.2	0.2	5.2
ES	4.2	5.9	7.5	9.2	8.2	8.2	8.6	5.1
FR	19.6	22.3	21.7	21.2	18.4	17.7	18.1	2.3
IT	9.2	9.7	10.3	11.4	10.5	11.1	10.0	-10.7
CY	-	-	-	-	-	-	-	
LV		5.3	6.5	3.4	1.6	2.4	2.4	3.8
LT		2.0	3.5	4.4	0.4	0.6	0.6	2.2
LU	-	-	-	-	-	-	-	
HU	5.3	2.2	2.3	2.7	3.0	3.2	3.1	-2.9
MT	-	-	-	-	-	-	-	
NL	4.9	5.3	5.9	5.9	5.6	5.6	5.5	-2.6
AT	6.4	6.8	7.6	7.8	7.3	7.0	7.2	3.3
PL	13.9	13.5	20.4	25.4	22.9	24.2	23.5	-2.9
PT		-	0.5	0.5	0.4	0.4	0.4	-5.0
RO	5.1	2.9	1.4	2.2	1.2	1.0	1.1	12.4
SI	-	-	-	-	-	-	-	
SK		6.7	4.6	5.3	5.4	5.0	5.0	-1.5
FI	-	-	-	-	-	-	-	
SE	-	-	-	-	-	-	-	
UK	11.1	11.1	11.4	10.8	10.2	10.2	10.1	-0.6
HR	3.6		0.4	1.5	1.4	1.3	1.1	-13.3
MK	-	-	-	0.1	0.1	0.1	0.1	-20.3
TR		3.2	53.1	5.7	45.1	39.6	44.7	12.7
IS	-	-	-	-	-	-	-	
NO	2.1	5.3	3.5	4.6	3.9	3.4	3.1	-10.9
CH	1.2	1.2	0.2	0.2	0.2	0.2	0.2	-6.9

Notes: Data are 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).

2.2.8 PERFORMANCE OF FREIGHT TRANSPORT EXPRESSED IN TONNE-KILOMETRES

USA

PERFORMANCE BY MODE OF TRANSPORT: FREIGHT

	billion tkm				
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
1990	1239.0	1554.0	515.8	852.8	4161.6
1995	1509.4	1922.8	534.4	877.6	4844.2
1998	1663.8	2114.6	520.6	904.9	5203.8
1999	1717.2	2195.3	528.2	901.8	5342.5
2000	1741.2	2257.6	526.2	842.8	5367.9
2001	1771.0	2335.0	504.7	841.1	5451.8
2002	1818.2	2344.0	506.7	855.8	5524.7
2003	1846.2	2341.2	475.8	861.7	5524.9
2004	1870.8	2459.2	496.1	875.4	5701.5
2005	1885.3	2530.6	476.4	886.9	5779.2
2006	1885.2	2709.6	486.0	848.7	5929.4
2007	2049.1	2656.6	472.3	814.2	5992.3
2008	2086.7	2525.4	454.3	884.3	5950.7
2009	1929.2	2309.8	406.6	829.8	5475.5

AVERAGE ANNUAL CHANGE

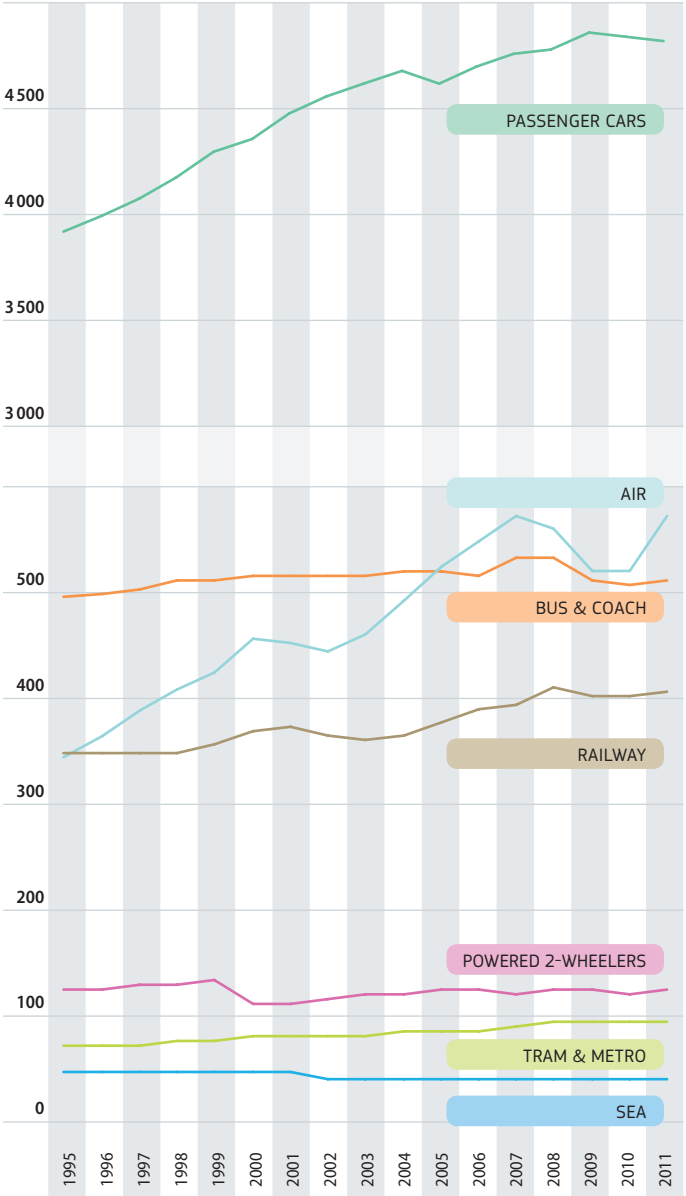
	% PER YEAR				
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
2003	1.5	-0.1	-6.1	0.7	0.0
2004	1.3	5.0	4.3	1.6	3.2
2005	0.8	2.9	-4.0	1.3	1.4
2006	0.0	7.1	2.0	-4.3	2.6
2007	8.7	-2.0	-2.8	-4.1	1.1
2008	1.8	-4.9	-3.8	8.6	-0.7
2009	-7.5	-8.5	-10.5	-6.2	-8.0
1990-1995	4.0	4.4	0.7	0.6	3.1
1995-2000	2.9	3.3	-0.3	-0.8	2.1
2000-2009	1.1	0.3	-2.8	-0.2	0.2

MODAL SPLIT

	%				
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	
1990	29.8	37.3	12.4	20.5	
1995	31.2	39.7	11.0	18.1	
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	34.2	44.3	7.9	13.6	
2008	35.1	42.4	7.6	14.9	
2009	35.2	42.2	7.4	15.2	

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

billion passenger-kilometres



Source: Tables 2.3.4, 2.3.5, 2.3.6, 2.3.7, estimates

EU-27 Performance by Mode

PASSENGER TRANSPORT

	billion pkm							
	PASSENGER CARS	P2W	BUS & COACH	RAILWAY	TRAM & METRO	AIR	SEA	TOTAL
1995	3930	122	499	351	71	346	44	5363
1996	3996	123	504	349	72	366	44	5454
1997	4080	126	504	351	73	390	44	5567
1998	4185	129	512	351	74	409	43	5702
1999	4300	132	514	359	76	425	43	5849
2000	4372	109	517	371	78	457	42	5946
2001	4477	113	519	373	79	453	42	6055
2002	4571	114	518	366	80	445	42	6134
2003	4613	117	519	362	80	463	41	6196
2004	4683	120	522	368	83	493	41	6309
2005	4630	123	523	377	83	527	40	6304
2006	4693	123	519	391	85	549	40	6400
2007	4762	119	533	396	87	572	41	6510
2008	4789	123	535	411	90	561	41	6551
2009	4866	122	515	403	90	522	40	6558
2010	4832	120	509	404	92	522	38	6518
2011	4822	123	512	407	93	575	37	6569
'95/'11	22.7%	1.1%	2.5%	16.2%	30.8%	66.2%	-17.7%	22.5%
/year	1.3%	0.1%	0.2%	0.9%	1.7%	3.2%	-1.2%	1.3%
'00/'11	10.3%	12.8%	-1.0%	9.8%	19.2%	25.8%	-12.3%	10.5%
/year	0.9%	1.1%	-0.1%	0.9%	1.6%	2.1%	-1.2%	0.9%
'10/'11	-0.2%	2.9%	0.5%	0.7%	1.3%	10.1%	-4.0%	0.8%

MODAL SPLIT

	%						
	PASSENGER CARS	P2W	BUS & COACH	RAILWAY	TRAM & METRO	AIR	SEA
1995	73.3	2.3	9.3	6.5	1.3	6.5	0.8
1996	73.3	2.3	9.2	6.4	1.3	6.7	0.8
1997	73.3	2.3	9.1	6.3	1.3	7.0	0.8
1998	73.4	2.3	9.0	6.1	1.3	7.2	0.8
1999	73.5	2.3	8.8	6.1	1.3	7.3	0.7
2000	73.5	1.8	8.7	6.2	1.3	7.7	0.7
2001	73.9	1.9	8.6	6.2	1.3	7.5	0.7
2002	74.5	1.9	8.4	6.0	1.3	7.3	0.7
2003	74.5	1.9	8.4	5.8	1.3	7.5	0.7
2004	74.2	1.9	8.3	5.8	1.3	7.8	0.6
2005	73.4	2.0	8.3	6.0	1.3	8.4	0.6
2006	73.3	1.9	8.1	6.1	1.3	8.6	0.6
2007	73.1	1.8	8.2	6.1	1.3	8.8	0.6
2008	73.1	1.9	8.2	6.3	1.4	8.6	0.6
2009	74.2	1.9	7.9	6.1	1.4	8.0	0.6
2010	74.1	1.8	7.8	6.2	1.4	8.0	0.6
2011	73.4	1.9	7.8	6.2	1.4	8.8	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 – 2011

	pkm as %			
	PASSENGER CARS	BUS & COACHES	RAILWAYS	TRAM & METRO
EU-27	82.7	8.8	7.0	1.6
EU-15	83.0	8.4	7.2	1.4
EU-12	80.5	11.2	5.4	2.9
BE	78.9	13.1	7.2	0.8
BG	77.7	17.5	3.3	1.4
CZ	67.7	16.4	6.9	9.0
DK	79.3	10.3	10.0	0.4
DE	84.7	5.8	8.0	1.6
EE	81.3	16.2	1.9	0.5
IE	84.0	12.8	3.0	0.3
EL	80.5	17.3	0.8	1.4
ES	79.7	13.3	5.4	1.5
FR	84.0	5.3	9.2	1.6
IT	81.2	12.6	5.3	0.9
CY	81.7	18.3	-	-
LV	79.9	14.0	5.2	0.9
LT	90.5	8.3	1.2	-
LU	83.1	12.5	4.4	-
HU	66.1	20.8	9.9	3.2
MT	82.4	17.6	-	-
NL	82.7	7.0	9.3	0.9
AT	75.3	9.6	11.0	4.1
PL	87.9	5.8	5.1	1.2
PT	83.9	10.7	4.2	1.2
RO	75.8	11.9	5.1	7.1
SI	86.4	11.0	2.6	-
SK	76.6	15.6	6.9	0.9
FI	84.6	9.7	5.0	0.7
SE	82.9	6.6	8.6	1.8
UK	85.4	5.9	7.4	1.4
HR	83.1	10.3	4.9	1.7
MK	75.5	22.5	2.0	-
TR				
IS	88.6	11.4	-	-
NO	87.7	7.0	4.4	0.9
CH	76.4	5.1	17.5	1.0

Notes: If powered two-wheelers are included, they account for 2.07% of the total in EU-27 (2.07% in EU-15, 2.06% in EU-12), while the share of the other modes becomes:

EU-27	80.9	8.6	6.8	1.6
EU-15	81.3	8.2	7.1	1.3
EU-12	78.8	11.0	5.3	2.8

2.3.4 PERFORMANCE OF PASSENGER TRANSPORT EXPRESSED IN PASSENGER-KILOMETRES

Passenger Cars

billion pkm								%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27		3 929.8	4 371.6	4 630.4	4 866.4	4 832.4	4 822.1	-0.2
EU-15	3 160.4	3 586.1	3 939.7	4 107.0	4 213.3	4 180.4	4 156.0	-0.6
EU-12		343.7	431.9	523.4	653.2	652.1	666.2	2.2
BE	90.2	98.2	105.5	108.9	111.5	112.6	114.2	1.4
BG		25.0	26.9	35.1	46.3	46.9	48.1	2.5
CZ		54.5	63.9	68.6	72.3	63.6	65.5	3.0
DK	47.2	48.4	50.6	50.0	51.4	51.0	52.5	2.8
DE	683.1	815.3	831.3	856.9	881.1	887.0	898.5	1.3
EE		5.1	6.7	9.9	10.5	10.1	10.4	2.8
IE	28.5	31.6	38.4	43.4	48.3	46.0	45.9	-0.3
EL	35.0	44.0	63.0	85.0	101.3	99.6	98.3	-1.3
ES	174.4	250.4	302.6	337.8	350.4	341.6	334.0	-2.2
FR	617.3	677.3	754.4	800.8	802.9	810.8	812.7	0.2
IT	522.6	614.7	713.9	677.0	719.9	698.4	665.8	-4.7
CY		3.4	3.9	4.8	6.0	5.9	5.9	0.5
LV		7.5	11.5	12.1	12.7	12.3	11.3	-7.8
LT		16.0	26.0	34.8	36.1	32.6	29.9	-8.2
LU	4.0	4.7	5.6	6.3	6.7	6.5	6.6	1.4
HU	47.0	45.4	46.2	49.4	54.4	52.6	52.3	-0.7
MT		1.7	1.8	2.0	2.2	2.2	2.2	1.4
NL	137.3	131.4	141.1	148.8	146.3	141.2	140.1	-0.8
AT	55.7	62.2	66.7	70.6	72.7	73.5	74.5	1.3
PL		110.7	149.7	197.3	285.0	297.9	313.2	5.1
PT	40.0	52.5	71.0	85.0	86.0	83.7	83.2	-0.6
RO		40.0	51.0	61.0	75.5	75.5	75.0	-0.7
SI	13.3	16.3	20.3	22.5	25.8	25.6	25.5	-0.6
SK		18.0	23.9	25.8	26.4	26.9	26.9	0.0
FI	51.2	50.0	55.7	61.9	64.3	64.7	65.5	1.2
SE	85.9	87.6	101.4	107.4	108.3	108.0	109.2	1.2
UK	588.0	617.9	638.6	667.2	662.1	655.7	655.1	-0.1
HR		12.5	20.0	24.0	26.8	25.7	25.2	-1.8
MK		3.7	4.2	4.5	5.2	5.5	5.5	-0.1
TR	34.3	52.7	79.0	100.0	123.1	125.2	133.2	6.4
IS		3.0	3.8	4.6	5.0	5.0	4.8	-3.7
NO	43.5	44.7	51.2	54.0	58.3	58.8	59.9	1.9
CH	73.3	69.6	75.0	77.8	82.5	83.8	84.9	1.3

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

Many data for 2011 are provisional.

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

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

Buses & Coaches

billion pkm								%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27		499.5	517.1	523.4	515.1	509.4	512.2	0.5
EU-15	368.1	378.3	401.8	412.5	417.9	414.4	419.3	1.2
EU-12		121.2	115.4	110.9	97.1	95.0	92.9	-2.3
BE	11.4	13.1	13.3	17.5	18.7	18.9	19.0	0.2
BG	26.0	11.6	14.6	13.7	10.5	10.6	10.8	2.2
CZ		18.6	16.2	15.6	16.1	17.4	15.8	-9.2
DK	6.4	7.3	7.4	7.2	6.8	6.9	6.8	-1.2
DE	73.1	68.5	69.0	67.1	62.1	61.8	61.1	-1.1
EE	4.5	2.0	2.6	2.7	2.1	2.1	2.1	0.5
IE	3.9	5.2	6.1	6.7	7.1	6.9	7.0	1.4
EL	17.7	20.2	21.7	21.7	20.9	21.1	21.2	0.3
ES	33.4	39.6	50.3	53.2	57.0	50.9	55.7	9.5
FR	40.7	41.2	42.0	42.5	48.8	49.9	51.1	2.4
IT	84.0	87.1	93.4	101.0	101.7	102.2	103.2	1.0
CY		1.0	1.1	1.3	1.3	1.3	1.3	2.7
LV	5.9	1.8	2.3	2.9	1.9	2.0	2.0	0.3
LT	7.9	4.2	2.8	3.7	2.8	2.7	2.7	2.0
LU	0.5	0.5	0.6	0.8	0.9	0.9	1.0	5.1
HU	19.3	16.6	18.7	17.8	16.3	16.5	16.5	0.0
MT		0.4	0.5	0.5	0.5	0.5	0.5	-4.9
NL	13.0	12.0	11.3	11.8	12.1	12.1	11.9	-1.6
AT	8.0	8.7	9.2	9.3	8.8	9.6	9.5	-0.6
PL	46.3	34.0	31.7	29.3	24.4	21.6	20.7	-4.4
PT	10.3	11.3	11.8	11.1	10.4	10.6	10.6	0.3
RO	24.0	12.3	12.0	11.8	12.8	12.0	11.8	-1.5
SI	6.5	4.1	3.5	3.1	3.2	3.2	3.2	1.9
SK		14.4	9.3	8.5	5.4	5.3	5.5	3.9
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	8.6	8.7	2.0
UK	47.7	45.8	48.5	46.5	46.5	46.5	44.9	-3.4
HR	7.0	4.1	3.3	3.4	3.4	3.2	3.1	-3.2
MK		0.9	0.9	1.1	1.2	1.4	1.6	13.8
TR		85.7	87.4	95.0	105.8	107.6	111.2	3.3
IS		0.4	0.5	0.6	0.6	0.6	0.6	-3.6
NO	3.9	3.8	4.1	4.3	4.4	4.5	4.7	5.4
CH	3.3	5.5	4.8	5.3	5.4	5.5	5.6	1.8

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

Many data for 2011 are provisional.

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

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

2.3.6 PERFORMANCE OF PASSENGER TRANSPORT EXPRESSED IN PASSENGER-KILOMETRES

Tram & Metro

billion pkm								%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27		71.4	77.9	83.3	90.3	91.7	92.9	1.3
EU-15	49.3	49.0	55.4	60.9	66.2	67.3	68.8	2.2
EU-12		22.3	22.5	22.5	24.1	24.4	24.1	-1.2
BE	0.7	0.8	0.9	0.9	1.0	1.1	1.1	5.9
BG	0.6	0.3	0.4	0.4	0.7	0.9	0.9	-4.1
CZ		7.7	8.1	7.9	9.0	9.0	8.7	-3.1
DK	-	-	-	0.2	0.2	0.2	0.3	16.3
DE	15.1	14.4	14.6	15.5	16.5	16.3	16.6	1.5
EE		0.1	0.1	0.1	0.1	0.1	0.1	-9.8
IE	-	-	-	0.1	0.1	0.1	0.1	5.3
EL	0.8	0.7	1.2	1.5	1.7	1.7	1.7	-1.1
ES	4.4	4.3	5.2	6.0	6.3	6.3	6.3	1.5
FR	10.5	9.3	11.6	13.3	14.4	14.7	15.0	2.2
IT	4.2	5.2	5.6	6.0	6.9	7.1	7.1	0.0
CY	-	-	-	-	-	-	-	-
LV	0.7	0.3	0.3	0.3	0.2	0.1	0.1	1.5
LT	-	-	-	-	-	-	-	-
LU	-	-	-	-	-	-	-	-
HU		2.5	2.6	2.4	2.5	2.5	2.5	0.6
MT	-	-	-	-	-	-	-	-
NL	1.3	1.4	1.4	1.5	1.6	1.6	1.6	-1.1
AT	2.8	3.3	3.6	3.8	4.0	4.1	4.1	0.0
PL		5.0	4.7	4.4	4.3	4.3	4.4	1.5
PT	0.7	0.5	0.5	0.8	1.1	1.1	1.1	1.3
RO		6.0	6.0	6.6	7.0	7.1	7.1	-1.1
SI	-	-	-	-	-	-	-	-
SK		0.4	0.4	0.4	0.3	0.3	0.3	8.2
FI	0.4	0.4	0.5	0.5	0.5	0.5	0.5	-2.8
SE	2.0	1.9	2.0	2.0	2.2	2.3	2.3	2.6
UK	6.5	6.8	8.3	8.7	9.7	10.2	10.9	6.9
HR		0.5	0.5	0.5	0.6	0.5	0.5	-5.4
MK	-	-	-	-	-	-	-	-
TR								
IS	-	-	-	-	-	-	-	-
NO	0.4	0.4	0.5	0.5	0.6	0.6	0.6	1.8
CH		1.5	1.4	0.8	0.9	1.0	1.1	9.4

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

Railways

	billion pkm							%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27	400.7	350.5	370.7	377.1	402.5	404.2	407.1	0.7
EU-15	268.9	276.1	309.4	327.6	356.6	360.0	362.7	0.8
EU-12	131.8	74.4	61.4	49.6	46.0	44.2	44.4	0.4
BE	6.5	6.8	7.7	9.2	10.4	10.4	10.4	0.1
BG	7.8	4.7	3.5	2.4	2.1	2.1	2.1	-1.5
CZ	13.3	8.0	7.3	6.7	6.5	6.6	6.7	1.9
DK	5.1	4.9	5.5	6.0	6.2	6.3	6.6	4.1
DE	61.0	71.0	75.4	74.9	81.2	83.0	85.0	2.3
EE	1.5	0.4	0.3	0.2	0.2	0.2	0.2	-1.8
IE	1.2	1.3	1.4	1.8	1.7	1.7	1.6	-2.4
EL	2.0	1.6	1.9	1.9	1.4	1.3	1.0	-28.3
ES	15.5	16.6	20.1	21.6	23.1	22.4	22.8	1.8
FR	63.7	55.6	69.9	76.2	85.9	85.9	89.0	3.6
IT	44.7	46.7	49.6	50.5	48.1	47.3	43.3	-8.3
CY	-	-	-	-	-	-	-	-
LV	5.4	1.4	0.7	0.9	0.8	0.7	0.7	-1.1
LT	3.6	1.1	0.6	0.4	0.4	0.4	0.4	4.3
LU	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.6
HU	11.4	8.4	9.7	9.9	8.1	7.7	7.8	1.5
MT	-	-	-	-	-	-	-	-
NL	11.1	16.4	14.7	15.2	15.4	15.4	15.7	2.3
AT	8.9	10.1	8.7	9.5	10.7	10.7	10.9	1.3
PL	50.4	26.6	24.1	18.2	18.6	17.9	18.2	1.4
PT	5.7	4.8	4.0	3.8	4.2	4.1	4.1	0.8
RO	30.6	18.9	11.6	8.0	6.1	5.4	5.1	-6.7
SI	1.4	0.6	0.7	0.8	0.8	0.8	0.8	-4.9
SK	6.4	4.2	2.9	2.2	2.3	2.3	2.4	5.3
FI	3.3	3.2	3.4	3.5	3.9	4.0	3.9	-1.9
SE	6.6	6.8	8.2	8.9	11.3	11.2	11.4	1.4
UK	33.4	30.3	38.4	44.4	52.8	55.8	56.6	1.4
HR	3.4	1.1	1.3	1.3	1.8	1.7	1.5	-14.7
MK		0.1	0.1	0.1	0.2	0.2	0.1	-6.5
TR	6.4	5.8	5.8	5.0	5.4	5.5	5.9	7.1
IS	-	-	-	-	-	-	-	-
NO	2.1	2.4	2.6	2.7	3.0	3.1	3.0	-1.7
CH	12.7	11.7	12.6	16.1	18.6	19.2	19.5	1.5

Rail

HIGH-SPEED RAIL TRANSPORT ⁽¹⁾

	billion 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	2.94	1.01	105.87	1.7
2011	0.91	0.29	23.31	11.23	52.04	12.28	0.31	0.47	0.01	0.71	2.83	5.98	110.35	4.2

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	10.2	4.1	28.8	52.3	60.4	24.5	1.9	12.6	1.9	16.4	26.2	1.8	26.2	
2011	8.7	4.2	27.4	49.3	58.5	28.3	1.9	11.2	1.7	18.3	24.8	10.6	27.1	

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

USA

PERFORMANCE BY MODE OF TRANSPORT: PASSENGERS

	billion 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	6 372.2	24.9	31.1	505.2	17.3	834.6	7 785.2
2001	6 481.2	22.7	31.8	442.9	17.7	783.0	7 779.3
2002	6 626.4	22.8	30.8	455.0	17.6	778.2	7 930.9
2003	6 689.0	23.3	31.0	456.6	17.8	813.6	8 031.2
2004	6 884.5	30.6	32.0	461.4	18.2	898.3	8 324.9
2005	6 952.4	28.2	31.9	448.8	18.0	939.5	8 418.6
2006	6 972.4	39.2	32.4	479.0	19.7	947.0	8 489.7
2007	6 987.7	43.7	35.3	495.3	21.0	977.8	8 560.8
2008	6 837.8	42.5	37.1	505.8	21.1	938.7	8 382.9
2009	5 834.8	36.1	36.6	490.9	21.4	887.9	7 307.7
2010	5 866.7	32.0	36.7	470.4	20.8	908.9	7 335.6

AVERAGE ANNUAL CHANGE

	% per year						
	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	TOTAL
2001	1.7	-8.7	2.0	-12.3	2.2	-6.2	-0.1
2005	1.0	-8.0	-0.3	-2.7	-1.1	4.6	1.1
2006	0.3	39.1	1.7	6.7	9.4	0.8	0.8
2007	0.2	11.7	8.9	3.4	6.9	3.2	0.8
2008	-2.1	-2.7	5.0	2.1	0.4	-4.0	-2.1
2009	-14.7	-15.1	-1.3	-2.9	1.6	-5.4	-12.8
2010	0.5	-11.3	0.5	-4.2	-2.8	2.4	0.4
'90/'95	1.5	-2.8	-1.7	2.3	3.5	3.2	1.7
'95/'99	2.1	1.6	2.5	3.6	1.8	3.9	2.3
'00/'10	-0.9	2.8	1.9	-0.8	2.1	1.0	-0.7

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	81.8	0.3	0.4	6.5	0.2	10.7
2001	83.3	0.3	0.4	5.7	0.2	10.1
2002	83.6	0.3	0.4	5.7	0.2	9.8
2003	83.3	0.3	0.4	5.7	0.2	10.1
2004	82.7	0.4	0.4	5.5	0.2	10.8
2005	82.6	0.3	0.4	5.3	0.2	11.2
2006	82.1	0.5	0.4	5.6	0.2	11.2
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
2010	80.0	0.4	0.5	6.4	0.3	12.4

Note: (*) This 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	47.4	165.2	282.6	459.8	1510.4	29.7	343.0	844.8	4221.6	1543.1	2905.0	73.7	152.7
BG	156.7	204.9	256.7	102.7	1223.5	9.5	40.8	98.6	276.1	228.9	346.1	73.9	9.1
CZ	283.3	257.1	122.0	236.7	1161.3	59.3	86.5	600.3	826.5	1016.8	927.0	133.4	56.1
DK	460.1	98.6	237.3	2365.9	2344.4	133.2	199.5	666.0	2195.6	1311.1	947.5	72.8	159.3
DE	1502.2	1222.3	1135.2	2331.8	24418.4	238.6	1361.5	4543.2	21975.1	7110.1	11170.2	384.0	586.0
EE	29.7	9.7	59.2	133.2	241.0	29.0	47.9	18.4	60.6	15.5	51.3	2.1	173.4
IE	342.3	44.3	86.3	200.4	1371.4	48.1	113.9	56.6	2863.2	1513.8	903.4	12.9	122.5
EL	839.4	97.8	594.8	668.0	4505.3	17.9	56.2	5658.1	623.2	1801.3	2307.6	1129.9	46.9
ES	4249.5	276.3	832.1	2198.3	22292.4	60.9	2867.6	625.4	37966.5	9166.3	11783.5	41.1	134.7
FR	1514.5	227.0	1040.8	1301.9	8210.3	15.5	1505.1	1826.3	9963.7	27718.7	9241.0	92.9	122.3
IT	2891.3	359.9	923.7	947.4	11069.3	50.9	900.6	2334.2	11773.0	9218.2	32009.6	82.5	316.7
CY	74.3	74.1	130.0	72.7	376.8	2.1	12.9	1112.8	39.9	90.0	65.9	0.1	0.0
LV	152.4	9.1	56.0	160.0	588.9	184.3	122.5	47.2	134.8	123.4	316.9	0.0	0.4
LT	81.3	12.5	66.5	177.7	285.5	34.4	177.3	64.3	88.0	51.9	129.7	1.7	235.7
LU	0.4	22.2	12.7	57.9	288.3	0.0	11.8	56.9	251.8	103.5	111.8	8.0	0.1
HU	298.2	132.9	147.3	175.2	1493.2	0.1	173.4	273.5	294.9	505.5	604.9	79.2	11.7
MT	84.4	12.4	8.1	60.8	520.9	0.6	54.5	16.5	174.9	198.5	616.7	32.1	0.0
NL	188.3	187.6	544.1	1158.7	3322.3	56.1	742.9	1269.2	5624.4	2619.4	3245.3	103.0	96.5
AT	402.9	400.4	151.9	418.6	6429.5	2.8	124.0	658.1	1395.5	1051.9	1202.0	147.6	59.9
PL	418.2	223.6	217.3	364.3	2861.0	21.6	940.0	678.1	1129.1	871.2	1114.7	68.2	83.8
PT	753.9	4.3	68.7	223.8	2664.2	4.8	598.4	31.7	3276.8	3209.1	1290.4	1.9	0.8
RO	233.7	38.2	111.5	21.3	1256.7	0.1	72.0	231.7	1144.3	659.4	2154.0	158.9	1.7
SI	56.4	7.7	37.4	18.1	199.2	0.5	1.9	67.0	15.0	144.1	1.9	5.1	0.4
SK	70.2	66.2	104.5	0.1	2.2	0.4	87.3	101.0	201.9	72.5	185.9	10.0	0.1
FI	257.3	59.9	138.9	772.4	1682.9	195.6	20.3	417.4	1119.0	562.5	512.8	67.7	444.4
SE	454.5	47.2	175.9	1588.8	2710.0	160.5	123.6	757.9	2364.9	1079.2	894.0	203.0	226.2
UK	1233.3	878.1	1294.8	2565.5	11626.3	244.1	9670.6	4778.4	31467.8	10840.6	10254.7	2658.9	584.2
HR	95.9	2.8	41.4	81.2	1230.9	0.0	66.8	14.3	158.3	436.8	159.5	0.1	0.2

Note: (*) 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

2011

INCLUDING DOMESTIC FLIGHTS (THOUSAND)

LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
82.8	0.3	298.7	84.5	191.6	405.5	417.3	745.4	241.8	57.1	71.2	259.4	457.6	1221.2
12.5	18.8	136.3	13.8	185.3	401.3	224.2	2.9	32.2	7.6	83.6	60.1	47.0	831.8
66.9	12.1	151.5	8.2	541.9	153.8	219.8	62.1	112.5	37.5	117.0	139.8	175.4	1298.6
177.9	56.9	176.1	58.7	1158.1	420.8	362.4	223.4	21.3	17.7	0.2	774.8	1638.5	2562.7
285.5	286.4	1495.8	520.6	3301.5	6418.6	2843.6	2641.5	1292.2	198.3	1.4	1680.2	2720.0	11588.9
34.8	0.1	0.1	0.6	56.1	2.9	21.7	4.6	0.1	0.4	0.1	191.9	159.4	245.1
183.5	11.9	173.0	55.1	746.5	124.0	949.1	598.2	74.9	1.9	89.1	20.3	123.8	9653.8
64.2	50.4	269.9	13.3	1257.4	656.2	700.0	30.7	235.0	66.2	101.8	422.8	776.2	4749.7
89.3	247.0	299.4	175.6	5617.2	1415.2	1147.5	3228.1	1218.6	15.0	198.9	1140.2	2442.7	31636.8
51.8	100.7	527.5	205.9	2596.2	1098.9	855.2	3320.0	690.0	142.6	72.2	562.3	1067.9	10793.5
130.2	107.3	602.7	629.5	3245.0	1209.3	1112.6	1285.4	2309.5	2.6	184.5	516.0	871.4	10251.8
0.0	6.1	78.6	32.4	94.8	146.7	66.6	1.7	165.3	2.7	9.8	69.5	212.5	2667.5
236.9	0.0	11.7	0.0	94.4	60.1	83.5	0.8	1.6	0.4	0.2	467.3	226.5	585.1
0.0	0.0	0.0	1.2	54.0	43.8	60.8	0.9	0.0	1.2	0.0	112.0	75.3	557.3
0.0	0.5	0.0	3.2	107.6	57.7	0.3	159.3	0.3	0.0	0.0	0.0	0.4	253.9
0.0	0.1	0.3	16.4	546.9	78.5	135.4	70.2	224.9	0.2	1.1	203.8	356.8	1043.4
1.2	2.8	16.4	0.0	93.1	67.9	25.8	0.1	6.7	5.6	2.5	8.2	69.7	1086.1
54.1	105.8	547.2	96.0	0.8	687.8	499.0	1191.5	333.4	25.3	9.2	488.5	996.2	7671.1
43.9	56.6	78.0	68.4	684.3	663.7	287.4	81.4	519.0	59.8	42.8	225.6	419.1	1695.0
60.9	0.4	134.0	26.0	499.5	288.5	1118.7	123.6	66.1	5.6	4.0	228.6	578.0	4288.6
1.0	169.9	57.0	0.2	1188.4	85.4	125.9	2898.0	14.3	0.4	3.7	161.4	143.2	5368.3
0.0	0.3	176.6	6.2	330.7	501.7	70.7	13.3	736.1	0.2	0.0	32.1	0.0	661.3
1.2	0.0	0.0	5.6	25.3	60.0	5.5	0.0	0.2	0.1	0.0	22.1	5.1	126.0
0.0	0.0	0.1	2.5	9.1	43.1	3.2	2.8	0.1	0.0	34.1	0.6	5.7	465.0
112.1	0.0	202.2	8.3	483.0	225.3	227.3	158.3	29.8	21.8	0.6	2754.0	1365.0	1003.4
76.2	0.7	356.7	68.5	908.2	420.3	577.9	140.0	0.3	5.2	5.5	1367.9	6929.8	2532.1
564.0	251.7	1037.3	1091.1	7515.5	1704.2	4260.1	5329.2	717.1	126.3	468.8	1009.5	2539.8	20920.6
0.0	0.1	45.5	3.5	89.9	274.2	17.5	23.0	2.8	3.4	3.2	46.3	130.6	630.7

Air: MAJOR REGULAR EUROPEAN AIRLINES

DOMESTIC + INTERNATIONAL

RANKING	BILLION REVENUE PASSENGER-KILOMETRES							%
	AIRLINE		2000	2005	2009	2010	2011	
1	Deutsche Lufthansa	DE	94.289	112.794	123.083	129.671	147.848	14.0
2	Air France ⁽¹⁾	FR	91.848	115.879	126.272	125.048	133.036	6.4
3	British Airways	UK	119.385	110.939	111.992	105.554	117.348	11.2
4	Ryanair ⁽²⁾	IE	3.386	24.008	63.090	72.165	85.709	18.8
5	KLM Royal Dutch Airlines ⁽¹⁾	NL	60.331	68.322	73.472	76.065	82.047	7.9
6	Easyjet ⁽³⁾	UK	4.730	27.448	50.566	56.128	61.347	9.3
7	THY Turkish Airlines	TR	17.396	20.452	38.923	46.538	58.941	26.7
8	Air Berlin	DE	7.813	20.530	43.911	45.244	52.140	15.2
9	Iberia	ES	40.043	48.917	49.556	51.274	51.268	0.0
10	Virgin Atlantic Airways	UK	29.471	32.118	39.272	38.158	38.038	-0.3
11	Alitalia ⁽⁴⁾	IT	40.846	37.236	29.356	32.906	35.679	8.4
12	Thomson Airways	UK		23.337	32.650	32.714	32.969	0.8
13	SWISS Intern. Airlines	CH	3.481	20.471	27.511	29.522	31.606	7.1
14	Thomas Cook Airlines	UK		14.220	27.155	27.385	27.418	0.1
15	SAS Scandinavian Airlines	SE/ DK/ NO	22.922	27.724	23.241	23.495	26.374	12.3
16	TAP Portugal	PT	10.414	14.536	20.849	23.649	25.945	9.7
17	Condor	DE		22.245	19.159	19.888	23.574	18.5
18	Finnair	FI	7.467	16.735	19.935	19.222	21.498	11.8
19	Norwegian	NO		2.703	10.602	13.774	17.421	26.5
20	Austrian Airlines	AT	14.345	18.835	14.759	15.923	15.274	-4.1
21	Wizz Air	HU			9.890	12.278	14.250	16.1
22	Aer Lingus	IE	8.900	13.100	15.819	13.895	14.051	1.1
23	Sunexpress	TU		3.938	9.096	10.840	12.046	11.1
24	Pegasus Airlines	TU		5.123	5.941	10.662	11.562	8.4
25	Tuifly	DE		17.213	15.874	10.708	11.400	6.5
26	Vueling	ES		1.661	7.500	9.932	10.820	8.9
27	Transavia Airlines	NL		8.726	11.159	10.644	10.738	0.9
28	Monarch	UK			7.931	8.011	9.862	23.1
29	Corsair	FR		12.623	9.254	9.980	9.785	-2.0
30	Onur Air	TU		8.764	7.085	8.200	8.500	3.7
31	SN Brussels Airlines	BE	2.347	4.559	6.852	7.314	8.486	16.0
32	Spanair	ES	9.709	10.860	7.992	7.071	8.120	14.8

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 at the end of 2008.

Air: PASSENGER TRAFFIC AT MAJOR EU AIRPORTS

PASSENGERS CARRIED (*)

RANKING	AIRPORT AND COUNTRY		(arriving + departing + in transit) MILLION PASSENGERS					%
			2000	2005	2009	2010	2011	
1	London / Heathrow	UK	64.29	67.68	65.90	65.74	69.39	5.55
2	Paris / Charles de Gaulle	FR	49.67	53.38	57.69	57.95	60.74	4.81
3	Frankfurt (Main)	DE	48.96	51.79	50.57	52.65	56.28	6.89
4	Amsterdam / Schiphol	NL	39.27	44.08	43.53	45.15	49.69	10.07
5	Madrid / Barajas	ES	32.71	41.72	47.94	49.80	49.53	-0.53
6	München	DE	22.87	28.45	32.56	34.52	37.59	8.91
7	Roma / Fiumicino	IT	25.94	27.78	33.42	35.95	37.40	4.03
8	Barcelona	ES	19.44	27.02	27.29	29.18	34.31	17.59
9	London / Gatwick	UK	31.95	32.69	32.36	31.34	33.64	7.33
10	Paris / Orly	FR	23.83	24.85	25.09	25.16	27.10	7.72
11	Palma de Mallorca	ES	19.25	21.22	21.17	21.08	22.70	7.70
12	København / Kastrup	DK	18.11	19.82	19.60	21.39	22.61	5.71
13	Wien / Schwechat	AT	11.92	15.85	18.10	19.68	21.11	7.23
14	Düsseldorf	DE	15.91	15.39	17.73	18.91	20.30	7.35
15	Milano / Malpensa	IT	20.55	19.49	17.35	18.71	19.09	2.00
16	Stockholm / Arlanda	SE	18.61	17.16	16.06	16.96	19.06	12.40
17	Manchester	UK	18.32	22.08	18.63	17.66	18.80	6.46
18	Dublin	IE	13.66	18.33	20.47	18.41	18.72	1.69
19	Brussel-Bruxelles/Brussels	BE	21.60	15.95	16.79	16.98	18.61	9.62
20	London / Stansted	UK	11.86	21.99	19.95	18.56	18.04	-2.80
21	Berlin / Tegel	DE	10.24	11.47	14.13	14.97	16.89	12.87
22	Helsinki / Vantaa	FI	10.00	11.13	12.60	12.86	14.87	15.63
23	Lisboa	PT	9.21	11.24	13.27	14.05	14.81	5.39
24	Athinaï/Eleftherios Venizelos	EL	13.35	14.27	16.14	15.30	14.33	-6.39
25	Hamburg	DE	9.82	10.57	12.18	12.88	13.53	5.00
26	Malaga	ES	9.36	12.61	11.60	12.02	12.76	6.13
27	Praha / Ruzyně	CZ	5.55	10.72	11.60	11.51	11.72	1.82
28	Nice / Côte d'Azur	FR	9.33	9.74	9.81	9.59	10.40	8.50
29	Las Palmas / Gran Canaria	ES	9.12	9.69	8.93	9.28	10.34	11.41
30	Alicante	ES	5.98	8.93	9.11	9.37	9.89	5.60
31	Köln-Bonn	DE	6.19	9.39	9.70	9.79	9.60	-1.92
32	Stuttgart	DE	7.98	9.25	8.88	9.14	9.54	4.35
33	London / Luton	UK	6.16	9.13	9.12	8.73	9.51	8.90
34	Edinburgh	UK	5.37	8.45	9.04	8.59	9.38	9.19
35	Warszawa / Okecie	PL	4.33	7.08	8.33	8.73	9.35	7.16
36	Milano / Linate	IT	6.02	9.09	8.29	8.30	9.06	9.24
37	Budapest / Ferihegy	HU	4.68	7.92	8.08	8.17	8.88	8.69
38	Birmingham	UK	7.49	9.31	9.09	8.56	8.61	0.51
39	Venezia / Tessera	IT	4.12	5.76	6.69	6.84	8.55	25.07
40	Tenerife Sur / Reina Sofia	ES	8.72	8.78	6.94	7.19	8.51	18.29

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				%
		2005	2009	2010	2011	
	AIRPORT PAIRS					CHANGE '10/'11
1	Barcelona–Madrid / Barajas	4 301.0	2 942.4	3 083.8	3 102.4	0.6
2	Toulouse / Blagnac–Paris / Orly	2 327.1	2 304.8	2 193.7	2 322.3	5.9
3	Nice / Côte d'Azur–Paris / Orly	2 262.9	2 139.4	2 104.6	2 235.8	6.2
4	Catania / Fontanarossa–Roma / Fiumicino	1 368.7	1 635.7	1 717.8	1 841.6	7.2
5	Frankfurt (Main)–Berlin / Tegel	1 545.6	1 552.0	1 609.4	1 792.7	11.4
6	Hamburg–München	1 450.5	1 628.4	1 653.0	1 716.7	3.8
7	München–Berlin / Tegel	1 419.2	1 518.6	1 580.0	1 667.4	5.5
8	Barcelona–Palma De Mallorca	1 684.0	1 513.6	1 532.5	1 639.4	7.0
9	Madrid / Barajas–Palma de Mallorca	1 640.0	1 764.3	1 698.9	1 605.2	–5.5
10	Frankfurt (Main)–Hamburg	1 288.3	1 202.7	1 480.6	1 587.6	7.2
11	Düsseldorf–München	1 381.5	1 480.5	1 533.4	1 569.4	2.3
12	London / Heathrow–Dublin	2 089.4	1 620.0	1 493.1	1 556.1	4.2
13	Milano / Linate–Roma / Fiumicino	2 414.6	1 720.6	1 522.8	1 522.7	0.0
14	Palermo / Punta Raisi–Roma / Fiumicino	1 106.7	1 372.3	1 406.8	1 492.0	6.1
15	Frankfurt (Main)–London / Heathrow	1 522.5	1 194.8	1 259.8	1 462.5	16.1
16	Las Palmas / Gran Canaria–Madrid / Barajas	1 388.1	1 548.5	1 553.7	1 438.4	–7.4
17	London / Heathrow–Amsterdam / Schiphol	1 895.0	1 509.8	1 332.9	1 407.2	5.6
18	Tenerife Norte–Madrid / Barajas	1 359.4	1 342.6	1 319.7	1 337.1	1.3
19	Amsterdam / Schiphol–Barcelona	1 103.9	1 085.2	1 066.9	1 321.8	23.9
20	Madrid / Barajas–Roma / Fiumicino	929.7	1 138.7	1 268.5	1 281.8	1.1
21	London / Heathrow–Paris / Charles de Gaulle	2 011.1	1 338.7	1 300.1	1 272.6	–2.1
22	London / Heathrow–Edinburgh	1 659.9	1 306.1	1 244.4	1 271.5	2.2
23	København / Kastrup–Stockholm / Arlanda	1 194.1	1 076.4	1 166.0	1 229.0	5.4
24	Paris / Charles de Gaulle–Roma / Fiumicino	1 238.4	1 322.1	1 191.2	1 210.9	1.7
25	London / Heathrow–Madrid / Barajas	1 118.9	1 127.2	1 093.4	1 191.2	8.9
26	Madrid / Barajas–Paris / Orly	964.3	1 136.5	1 105.9	1 182.7	6.9
27	Madrid / Barajas–Lisboa	688.1	1 066.6	1 167.2	1 175.1	0.7
28	Köln–Bonn–München	1 165.3	1 161.9	1 132.5	1 173.3	3.6
29	London / Gatwick–Malaga	982.6	1 116.4	909.2	1 125.3	23.8
30	Amsterdam / Schiphol–Madrid / Barajas	896.4	943.2	1 076.3	1 109.8	3.1
31	Paris / Orly–Pointe-à-Pitre (Guadeloupe) / Pôle Caraïbes	983.3	990.7	1 036.0	1 102.3	6.4
32	München–London / Heathrow	913.7	902.4	970.4	1 084.5	11.8
33	Madrid / Barajas–Paris / Charles de Gaulle	859.9	974.1	1 020.2	1 082.8	6.1
34	Frankfurt (Main)–München	1 303.1	978.0	958.4	1 080.3	12.7
35	Barcelona–Sevilla	1 086.1	848.4	864.0	1 076.1	24.6
36	Frankfurt (Main)–Wien / Schwechat	676.2	878.4	952.4	1 066.6	12.0
37	Frankfurt (Main)–Paris / Charles de Gaulle	961.7	914.9	928.8	1 060.2	14.2
38	London / Heathrow–Roma / Fiumicino	972.6	945.2	1 033.1	1 052.9	1.9
39	Amsterdam / Schiphol–Paris / Charles de Gaulle	1 038.7	1 054.8	990.2	1 050.9	6.1
40	Köln–Bonn–Berlin / Tegel	916.6	1 114.3	1 026.9	1 048.0	2.1

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

TOTAL PASSENGERS CARRIED

RANKING	(arriving + departing from first named airport)	THOUSAND				%
		2005	2009	2010	2011	
	AIRPORT PAIRS					CHANGE '10/'11
1	London / Heathrow–New York / J.F. Kennedy Intl, NY, USA	2 940	2 479	2 517	2 679	6.5
2	London / Heathrow–Dubai Intl, United Arab Emirates	1 183	1 745	1 787	1 890	5.7
3	London / Heathrow–Hong Kong Intl, China	1 258	1 529	1 386	1 413	2.0
4	London / Heathrow–Los Angeles Intl, CA, USA	1 383	1 236	1 189	1 299	9.3
5	Paris / Charles de Gaulle–New York / J.F. Kennedy Intl, NY, USA	1 730	1 184	1 190	1 269	6.6
6	København / Kastrup–Oslo / Gardermoen, Norway	1 247	1 107	1 132	1 212	7.0
7	London / Heathrow–Chicago / O'Hare Intl, IL, USA	1 522	1 218	1 137	1 207	6.1
8	London / Heathrow–Newark / Liberty Intl, NJ, USA	740	1 003	1 092	1 198	9.7
9	Paris / Charles de Gaulle–Montreal / Pierre Elliot Trudeau Intl, Canada	929	1 102	1 148	1 165	1.5
10	Stockholm / Arlanda–Oslo / Gardermoen, Norway	937	967	1 007	1 165	15.8
11	London / Heathrow–Singapore / Changi, Singapore	996	1 124	1 022	1 070	4.7
12	London / Heathrow–Boston / Gen. E. Lawrence Logan Intl, MA, USA	929	851	866	1 031	19.0
13	London / Heathrow–New Delhi / Indira Gandhi Intl, India	384	756	918	997	8.6
14	London / Heathrow–Washington / Dulles Intl, DC, USA	1 074	1 009	921	989	7.4
15	London / Heathrow–Genève / Cointrin, Switzerland	570	604	859	978	13.8
16	London / Heathrow–Zürich, Switzerland	905	888	877	958	9.3
17	London / Heathrow–Miami Intl, FL, USA	878	846	822	954	16.0
18	London / Heathrow–Mumbai / Chhatrapati Shivaji Intl, India	725	862	957	951	–0.7
19	London / Heathrow–Toronto / Lester B. Pearson Intl, Canada	1 067	1 014	941	926	–1.6
20	London / Heathrow–San Francisco Intl, CA, USA	1 005	893	861	926	7.6
21	Wien / Schwechat–Zürich, Switzerland	597	747	778	863	11.0
22	Berlin / Tegel–Zürich, Switzerland	467	737	801	855	6.8
23	London / Heathrow–Istanbul / Atatürk, Turkey	525	653	725	848	17.0
24	London / Heathrow–Johannesburg Intl, South Africa	995	921	886	840	–5.2
25	Madrid / Barajas–Bueons Aires / Ezeiza Ministro Pizarini, Argentina	873	871	858	832	–3.0
26	Düsseldorf–Antalya, Turkey	802	627	684	803	17.5
27	Paris / Charles de Gaulle–Tel Aviv / Ben Gurion, Israel	608	672	710	756	6.5
28	Paris / Charles de Gaulle–Moscow / Sheremetyevo, Russia	515	588	642	754	17.3
29	Paris / Charles de Gaulle–Istanbul / Atatürk, Turkey	415	692	688	745	8.3
30	Amsterdam / Schiphol–Antalya, Turkey	753	550	614	729	18.7
31	Madrid / Barajas–New York / J.F. Kennedy Intl, NY, USA	427	552	710	717	1.0
32	Paris / Charles de Gaulle–Dubai Intl, United Arab Emirates	439	656	716	717	0.0
33	Frankfurt (Main)–Istanbul / Atatürk, Turkey	661	645	638	712	11.6
34	London / Gatwick–Genève, Switzerland	643	648	624	710	13.8
35	Paris / Charles de Gaulle–Zürich, Switzerland	630	721	695	705	1.4
36	Düsseldorf–Zürich, Switzerland	444	666	648	700	8.1
37	London / Heathrow–Sydney / Kingsford Smith Intl, Australia	823	741	696	698	0.3
38	Paris / Charles de Gaulle–Tokyo Intl, Japan	-	844	849	697	–17.9
39	London / Heathrow–Doha Intl, United Arab Emirates	483	583	640	681	6.4
40	Frankfurt (Main)–Antalya, Turkey	701	488	570	668	17.3

Air: FREIGHT TRAFFIC AT MAJOR EU AIRPORTS

CARGO AND MAIL LOADED AND UNLOADED

RANKING	THOUSAND TONNES						% CHANGE '10/'11
	AIRPORT AND COUNTRY	2000	2005	2009	2010	2011	
1	Frankfurt (Main) DE	1 703.4	1 950.6	1 882.7	2 270.2	2 214.6	- 2.4
2	London / Heathrow UK	1 306.8	1 389.3	1 348.9	1 551.3	1 569.3	1.2
3	Amsterdam / Schiphol NL	1 222.5	1 495.6	1 316.8	1 538.0	1 549.4	0.7
4	Paris / Charles de Gaulle FR	<i>1 067.0</i>	1 217.8	<i>1 202.3</i>	1 292.5	1 531.5	18.5
5	Leipzig-Halle DE	13.7	12.3	508.8	637.8	744.0	16.7
6	Köln-Bonn DE	438.3	646.8	549.0	638.2	727.5	14.0
7	Luxembourg LU	499.9	624.8	627.3	705.8	666.0	- 5.6
8	Liège / Bierset BE	270.3	325.7	401.8	508.5	544.0	7.0
9	Milano / Malpensa IT	295.7	383.8	343.6	432.7	450.4	4.1
10	Madrid / Barajas ES	305.2	360.3	330.2	400.5	421.8	5.3
11	Brussel-Bruxelles / Brussels BE	687.4	694.5	364.4	385.0	386.7	0.4
12	München DE	148.4	218.2	234.3	291.1	303.7	4.3
13	Nottingham East Midlands UK	178.8	292.1	286.6	304.0	298.8	- 1.7
14	London / Stansted UK	167.8	254.8	213.4	229.8	230.2	0.2
15	Frankfurt / Hahn DE	75.0	100.9	105.1	164.5	221.5	34.7
16	Wien / Schwechat AT	132.6	180.1	198.4	231.8	213.3	- 8.0
17	Helsinki / Vantaa FI	96.1	114.9	121.9	157.5	170.9	8.5
18	Roma / Fiumicino IT	153.3	131.9	139.0	164.4	151.8	- 7.6
19	Bergamo / Orio al Serio IT	98.9	135.1	99.6	105.8	112.3	6.1
20	København / Kastrup DK	419.4	355.1	152.0	138.1	108.5	- 21.4
21	Manchester UK	116.6	150.0	103.0	116.6	108.5	- 6.9
22	Dublin IE	35.5	64.1	97.3	105.3	101.2	- 3.9
23	Barcelona ES	88.1	94.5	92.3	105.9	98.0	- 7.4
24	Lisboa PT	114.6	100.0	95.5	105.2	95.3	- 9.4
25	London / Gatwick UK	318.8	232.1	79.2	108.6	92.1	- 15.2
26	Stockholm / Arlanda SE	154.0	158.0	84.2	99.4	82.5	- 17.0
27	Düsseldorf DE	59.4	56.5	65.1	87.1	81.3	- 6.7
28	Athinai / Eleftherios Venizelos EL	123.4	100.7	86.8	82.3	75.1	- 8.7
29	Budapest / Ferihegy HU	43.5	55.5	54.1	65.3	68.9	5.4
30	Maastricht-Aachen NL	44.3	54.6	53.4	62.0	65.4	5.5
31	Praha / Ruzyně CZ		51.6	42.5	58.2	62.6	7.6
32	Warszawa / Okecie PL	44.6	31.1	50.1	57.1	60.6	6.2
33	Marseille / Provence FR	36.0	51.0	57.9	59.6	58.9	- 1.1
34	Paris / Orly FR	107.3	80.0	63.4	53.7	58.6	9.1
35	Toulouse / Blagnac FR	37.8	56.2	54.9	52.3	54.7	4.5
36	Oostende BE	93.5	108.3	69.8	60.0	53.5	- 10.9
37	Zaragoza ES	3.5	3.8	36.7	42.1	48.2	14.4
38	Belfast UK	30.9	51.3	43.0	43.9	46.5	6.0
39	Edinburgh UK	18.2	54.3	52.0	44.1	44.3	0.5
40	Göteborg / Landvetter SE			44.6	49.4	43.5	- 11.8

Notes: Significant underreporting from Paris airports. Data from airport websites (*in italics*) often include air cargo which in reality is transported by lorry.

The figures from airport websites are therefore not always fully comparable with those collected by Eurostat. The extraordinary growth rate for the Leipzig airport 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 '10/'11
			2005	2008	2009	2010	2011	
1	Paris / Charles de Gaulle	FR	543.4	574.8	541.4	491.9	506.8	3.0
2	Frankfurt (Main)	DE	475.6	477.4	455.1	456.0	480.9	5.5
3	London / Heathrow	UK	472.0	473.2	460.1	449.2	476.3	6.0
4	Amsterdam / Schiphol	NL	408.2	435.9	396.1	390.4	425.2	8.9
5	Madrid / Barajas	ES	406.3	459.6	427.2	426.9	422.8	- 1.0
6	München	DE	382.3	409.0	377.2	368.2	399.4	8.5
7	Roma / Fiumicino	IT	299.6	340.8	321.3	327.3	323.6	- 1.2
8	Barcelona	ES	294.3	312.3	269.5	268.5	293.6	9.3
9	København / Kastrup	DK	262.1	256.4	230.9	240.6	248.6	3.4
10	London / Gatwick	UK	252.0	256.4	245.4	233.5	244.5	4.7
11	Wien / Schwechat	AT	227.0	262.6	239.8	242.3	243.4	0.4
12	Paris / Orly	FR	230.8	234.0	223.4	215.6	228.5	6.0
13	Düsseldorf	DE	189.0	224.4	210.0	211.4	216.6	2.5
14	Brussel-Bruxelles / Brussels	BE	228.7	233.7	211.8	205.2	214.2	4.4
15	Stockholm / Arlanda	SE	222.2	213.7	186.5	185.4	204.3	10.2
16	Helsinki / Vantaa	FI	163.1	172.9	167.7	169.9	191.8	12.9
17	Milano / Malpensa	IT	222.2	208.2	180.5	187.8	183.5	- 2.3
18	Palma De Mallorca	ES	170.5	182.2	168.3	165.2	172.1	4.2
19	Athinai / Eleftherios Venizelos	EL	170.3	195.0	205.5	186.6	164.8	- 11.7
20	Berlin / Tegel	DE	137.2	154.3	147.7	150.5	161.3	7.2
21	Dublin	IE	169.6	202.4	169.9	156.4	160.0	2.3
22	Manchester	UK	218.0	191.2	162.1	148.9	158.0	6.1
23	Praha / Ruzyně	CZ	150.2	168.8	155.3	147.9	142.6	- 3.6
24	Hamburg	DE	134.2	150.7	137.8	138.4	141.1	1.9
25	Nice / Côte d'Azur	FR	158.1	166.6	149.8	145.2	140.4	- 3.3
26	Lisboa	PT	125.9	138.9	131.6	136.9	139.2	1.7
27	London / Stansted	UK	178.0	177.3	156.0	143.0	136.9	- 4.3
28	Warszawa / Okecie	PL	131.0	145.9	130.5	133.0	136.5	2.6
29	Stuttgart	DE	135.0	134.9	117.1	111.7	124.0	10.9
30	Lyon / Saint Exupéry	FR	130.1	133.7	125.5	116.6	117.9	1.1
31	Köln-Bonn	DE	139.9	128.2	120.1	120.6	117.6	- 2.5
32	Edinburgh	UK	116.0	113.5	106.4	100.6	105.1	4.5
33	Budapest / Ferihegy	HU	116.5	110.0	103.5	99.6	104.0	4.4
34	Las Palmas / Gran Canaria	ES	98.4	104.0	91.7	93.2	101.6	9.1
35	București / Henri Coandă	RO	90.2	124.4	124.8	128.1	99.5	- 22.3
36	Malaga	ES	111.1	108.0	94.7	97.3	99.2	1.9
37	Marseille / Provence	FR	90.3	97.9	97.9	97.3	95.6	- 1.8
38	Aberdeen	UK	89.5	100.2	94.4	88.0	94.8	7.8
39	Milano / Linate	IT	93.1	95.6	92.9	91.5	93.8	2.6
40	Toulouse / Blagnac	FR	80.2	84.3	82.3	79.8	85.1	6.7

Note: 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		
	2009	2010	2011	2009	2010	2011	2009	2010	2011
EU-27	199014	195537	187657						
EU-15	188919	184174	175836						
EU-12	10095	11363	11821						
BE	276	300	243	94	109	164			
BG	0	0	0	0	1	0	21	11	17
CZ									
DK	21604	20851	20562	209	338	216	309		438
DE	14296	13960	14187	454	364	430	0	0	0
EE	4556	5569	5903	0	0	1	417	392	436
IE	1439	1544	1443	2	5	3	106	172	203
EL	43907	42021	39307	303	1393	258			
ES	9706	9424	9571	1088	1190	1348	3597	4187	4760
FR	12413	13362	12539	172	246	240	1398	1766	1630
IT	45496	41959	38566	2130	1903	2239	1444	1890	2509
CY	1	1	0	48	53	46	225	272	211
LV	290	334	389	0	0	0	67	59	64
LT	99	121	137	0	0	0	34	35	21
LU									
HU									
MT	3886	4031	4125	14	0	0	414	0	0
NL	827	1005	924			0			
AT									
PL	1238	1291	1252	0	0	1		0	0
PT	416	351	329	0	0	0			
RO	0	0	0	0	0	0	13	23	27
SI	25	16	14	4	3	2	21	32	98
SK									
FI	8624	8969	9079	21	20	15	344	323	364
SE	16540	16828	15957	52	36	44	497	502	524
UK	13377	13599	13129	691	796	834			
HR	13019	12554	13395	7	7	6	1142	1231	1345
IS									
NO	2680	2705	2691	76	130	203	877	800	814

Sea:

INWARD AND OUTWARD FLOW OF PASSENGERS BY COUNTRY

OUTWARDS

1 000	PASSENGERS			CRUISE PASSENGERS		
	excluding cruise passengers			starting and ending a cruise		
	2009	2010	2011	2009	2010	2011
EU-27	195 568	193 093	187 363			
EU-15	185 424	183 320	175 470			
EU-12	10 143	9 773	11 893			
BE	290	310	254	91	109	164
BG	0	0	0	0	0	0
CZ						
DK	21 548	20 803	20 530	199	0	219
DE	14 417	14 095	14 186	407	361	430
EE	4 584	3 943	5 936	0	0	1
IE	1 436	1 535	1 458	1	4	2
EL	43 832	41 972	39 269	308	803	349
ES	9 642	9 412	9 616	1 022	1 189	1 333
FR	12 321	13 381	12 535	160	228	238
IT	42 834	42 016	38 808	2 248	1 779	2 282
CY	0	0	0	48	54	46
LV	302	342	397	0	0	0
LT	106	130	144	0	0	0
LU						
HU						
MT	3 885	4 031	4 125	14	0	0
NL	805	989	846			0
AT						
PL	1 243	1 310	1 274	0	0	1
PT	417	350	330	0	0	0
RO	0	0	0	0	0	0
SI	24	17	17	4	3	3
SK						
FI	8 559	8 856	8 965	22	21	15
SE	15 821	15 986	15 476	14	30	15
UK	13 502	13 614	13 198	710	816	841
HR	13 001	12 554	13 540	10	7	6
IS						
NO	2 953	3 019	3 085	19	21	151

Sea: PASSENGER TRAFFIC AT MAJOR EU SEAPORTS

PASSENGERS EMBARKED AND DISEMBARKED

RANKING	THOUSAND					CHANGE '10/'11		
	PORT AND COUNTRY	2000	2005	2009	2010		2011	
1	Dover	UK	16 197	13 501	13 265	13 361	12 918	- 3.3
2	Paloukia Salaminas	EL		11 663	12 821	12 705	11 662	- 8.2
3	Perama	EL		11 663	12 821	12 705	11 662	- 8.2
4	Helsinki	FI	9 251	8 854	9 085	9 849	10 326	4.8
5	Calais	FR	15 066	11 695	10 158	10 237	10 063	- 1.7
6	Stockholm	SE	7 746	8 211	9 089	9 147	9 184	0.4
7	Piraeus	EL	7 289	11 076	10 444	9 598	9 182	- 4.3
8	Helsingborg	SE	13 525	11 102	9 415	8 540	8 339	- 2.4
9	Helsingør (Elsinore)	DK	13 322	11 023	9 415	8 534	8 324	- 2.5
10	Messina	IT	11 898	9 802	10 441	10 765	8 060	- 25.1
11	Tallinn	EE		6 701	6 841	7 523	8 037	6.8
12	Napoli	IT	6 748	6 084	6 932	8 356	7 859	- 5.9
13	Reggio Calabria	IT	11 839	9 645	11 047	9 891	7 704	- 22.1
14	Capri	IT	5 404	3 860	6 944	6 517	6 576	0.9
15	Puttgarden	DE	5 430	6 760	6 305	6 261	6 028	- 3.7
16	Rødby (Færgehavn)	DK	5 430	6 761	6 305	6 261	6 028	- 3.7
17	Palma Mallorca	ES	1 864	4 611	4 692	4 496	4 610	2.5
18	Algeciras	ES		4 828	4 608	4 663	4 504	- 3.4
19	Santa Cruz de Tenerife	ES	4 927	4 564	3 887	3 807	4 305	13.1
20	Cirkewwa	MT		3 463	3 792	4 031	4 125	2.3
21	Mgarr, Gozo	MT		3 463	3 792	4 031	4 125	2.3
22	Piombino	IT	3 161	3 277	4 987	3 477	3 972	14.2
23	Olbia	IT	2 359	3 253	3 785	3 863	3 703	- 4.1
24	Turku	FI	3 514	3 697	3 520	3 498	3 306	- 5.5
25	Mariehamn	FI	1 885	3 192	3 394	3 302	3 220	- 2.5
26	Portoferraio	IT	2 641	2 829	3 971	2 769	2 899	4.7
27	Livorno	IT	1 886	2 103	3 273	2 782	2 637	- 5.2
28	Porto D'Ischia	IT	3 686	3 169	2 364	2 589	2 605	0.6
29	Dunkerque	FR	96	813	2 422	2 533	2 601	2.7
30	Genova	IT	2 444	2 406	3 454	2 991	2 573	- 14.0
31	Igoumenitsa	EL	933	2 338	2 741	2 726	2 567	- 5.8
32	Barcelona	ES	1 424	2 208	2 405	2 358	2 498	5.9
33	Civitavecchia	IT	2 241	2 099	2 837	2 440	2 474	1.4
34	Norddeich	DE	2 253	2 257	2 394	2 287	2 439	6.6
35	Bastia	FR	1 916	2 028	2 495	2 524	2 282	- 9.6
36	Rostock	DE	1 767	2 417	2 431	2 195	2 249	2.5
37	Hirtshals	DK	1 855	1 959	2 063	2 178	2 247	3.2
38	Norderney I.	DE	2 015	1 990	2 056	2 093	2 182	4.2
39	Portsmouth	UK	3 270	2 679	2 187	2 260	2 130	- 5.7
40	Holyhead	UK	2 518	2 173	1 942	2 073	2 020	- 2.6

Sea: FREIGHT TRAFFIC AT MAJOR EU SEAPORTS

TONNES LOADED AND UNLOADED

RANKING	PORT AND COUNTRY		MILLION					CHANGE '10/'11
			2000	2005	2009	2010	2011	
1	Rotterdam	NL	302.545	345.819	353.871	395.763	370.256	- 6.4
2	Antwerpen	BE	302.545	145.835	142.116	160.012	168.547	5.3
3	Hamburg	DE	116.003	108.253	94.762	104.520	114.369	9.4
4	Marseille	FR	76.950	93.308	79.846	82.427	84.460	2.5
5	Le Havre	FR	91.279	70.801	69.228	65.771	63.384	- 3.6
6	Valencia	ES	63.885	34.990	48.343	53.075	63.167	19.0
7	Amsterdam	NL	21.958	47.133	72.750	72.702	59.554	- 18.1
8	Immingham	UK	42.044	60.686	54.708	54.029	57.227	5.9
9	Bremerhaven	DE	52.501	33.728	42.701	45.943	55.856	21.6
10	London	UK	24.835	53.843	45.442	48.062	48.796	1.5
11	Milford Haven	UK	47.892	37.547	39.293	42.788	48.699	13.8
12	Genova	IT	33.768	42.640	42.708	41.428	42.373	2.3
13	Trieste	IT	43.797	43.355	40.986	40.557	41.803	3.1
14	Göteborg	SE	44.015	36.479	38.934	42.938	41.312	- 3.8
15	Taranto	IT	33.261	47.869	38.079	34.209	41.229	20.5
16	Dunkerque	FR	33.117	48.503	37.922	36.309	40.841	12.5
17	Algeciras	ES	44.318	55.184	55.840	58.565	38.359	- 34.5
18	Southampton	UK		39.947	37.228	39.365	37.878	- 3.8
19	Tallinn	EE	34.773	38.816	31.384	36.264	35.967	- 0.8
20	Barcelona	ES		37.061	35.911	35.326	35.220	- 0.3
21	Tees & Hartlepool	UK	25.787	55.790	39.163	35.697	35.198	- 1.4
22	Klaipeda	LT	51.472	20.019	25.955	28.851	33.727	16.9
23	Riga	LV		24.421	29.225	29.057	32.921	13.3
24	Liverpool	UK		33.775	29.936	30.020	32.660	8.8
25	Zeebrugge	BE	30.421	28.442	33.943	33.878	31.500	- 7.0
26	Tarragona	ES	32.660	30.967	33.429	32.071	31.307	- 2.4
27	Constanta	RO	27.175	44.377	29.181	30.396	30.978	1.9
28	Bilbao	ES		32.219	30.606	32.440	30.281	- 6.7
29	Nantes Saint-Nazaire	FR	26.623	34.043	29.297	30.582	29.935	- 2.1
30	Gioia Tauro	IT	31.263	29.634	34.394	35.371	28.015	- 20.8
31	Forth	UK	21.638	34.218	36.690	34.335	27.878	- 18.8
32	Ventspils	LV	41.143	29.358	25.289	23.825	27.837	16.8
33	Gent (Ghent)	BE		22.133	20.579	27.572	27.409	- 0.6
34	Augusta	IT	24.717	33.041	24.069	25.813	26.817	3.9
35	Huelva	ES	29.938	20.931	17.636	22.122	26.616	20.3
36	Gdansk	PL	17.224	22.478	18.758	26.421	25.457	- 3.6
37	Porto Foxi	IT		22.760	23.597	23.935	25.296	5.7
38	Felixstowe	UK	23.751	23.144	24.267	25.756	24.871	- 3.4
39	Venezia	IT	29.686	30.547	26.640	26.212	24.716	- 5.7
40	Sines	PT	26.293	24.929	23.857	24.728	24.387	- 1.4

Sea: INTRA-EU MARITIME TRANSPORT

(1) RELEVANCE OF INTRA-EU TRANSPORT IN TOTAL MARITIME TRANSPORT BY EU COUNTRY 2011

	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	128.398	42.060	32.8	102.588	34.199	33.3
BG	13.037	0.771	5.9	12.148	4.162	34.3
DK	47.430	31.330	66.1	36.348	32.037	88.1
DE	175.759	69.923	39.8	113.014	48.271	42.7
EE	11.795	7.455	63.2	33.897	19.331	57.0
IE	29.120	20.984	72.1	15.070	13.869	92.0
EL	62.197	28.625	46.0	48.033	32.721	68.1
ES	259.146	107.076	41.3	144.565	83.723	57.9
FR	211.845	63.385	29.9	97.381	56.477	58.0
IT	318.868	119.348	37.4	167.917	116.026	69.1
CY (**)	5.482	2.504	45.7	1.081	0.464	42.9
LV	7.362	5.503	74.7	58.211	42.437	72.9
LT	16.031	5.060	31.6	26.630	16.624	62.4
MT	3.104	2.089	67.3	0.216	0.131	60.6
NL	385.428	90.245	23.4	105.400	22.363	21.2
PL	33.297	18.644	56.0	23.976	19.142	79.8
PT	41.780	16.694	40.0	23.907	13.771	57.6
RO (**)	17.500	1.102	6.3	19.989	5.243	26.2
SI	11.589	2.545	22.0	4.609	1.469	31.9
FI	58.032	37.689	64.9	51.298	43.532	84.9
SE	86.032	63.391	73.7	75.850	66.335	87.5
UK	319.702	172.225	53.9	187.295	146.730	78.3
HR	10.684	3.072	28.8	6.387	4.281	67.0

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 2011

	TOTAL		
	total goods transported (*)	of which to/from EU	share of EU in total
	million tonnes	million tonnes	(%)
BE	230.941	76.214	33.0
BG	25.130	4.877	19.4
DK	77.048	56.637	73.5
DE	287.516	116.938	40.7
EE	45.624	26.718	58.6
IE	43.160	33.824	78.4
EL	94.587	45.703	48.3
ES	350.624	137.711	39.3
FR	301.002	111.638	37.1
IT	402.058	150.650	37.5
CY(**)	6.564	2.967	45.2
LV	65.394	47.763	73.0
LT	42.661	21.683	50.8
MT	3.321	2.221	66.9
NL	490.734	110.155	22.4
PL	57.081	37.598	65.9
PT	61.587	26.364	42.8
RO(**)	37.489	6.347	16.9
SI	16.198	4.013	24.8
FI	103.813	75.704	72.9
SE	158.143	125.988	79.7
UK	462.975	274.935	59.4
HR	16.486	6.769	41.1

(2) MAIN ROUTES IN INTRA-EU MARITIME TRANSPORT 2011

RANKING	country of loading port	country of unloading port	million tonnes transported
1	IT	IT	90.916
2	UK	UK	71.808
3	UK	NL	36.564
4	ES	ES	35.891
5	NL	UK	27.354
6	FR	UK	26.733
7	EL	EL	24.758
8	UK	FR	23.466
9	FR	FR	19.618
10	SE	SE	18.011
11	BE	UK	15.647
12	DK	DK	15.151
13	UK	DE	14.571
14	SE	DE	14.537
15	UK	BE	13.627
16	DK	SE	13.044
17	DE	SE	12.927
18	UK	IE	12.290
19	NO	UK	12.133
20	SE	UK	11.516
21	SE	FI	10.088
22	ES	IT	10.038
23	IT	ES	10.008
24	LV	NL	9.411
25	FI	DE	9.336
26	FI	FI	8.455
27	IE	UK	7.285
28	PT	PT	7.120
29	NO	NL	7.005
30	FI	SE	6.961

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	2009	2010	2011	CHANGE '10/'11
1	Rotterdam	NL	9 194.6	9 579.3	11 017.5	14 730.0	33.7
2	Hamburg	DE	8 084.3	7 030.9	7 905.5	9 035.1	14.3
3	Antwerpen	BE	6 220.9	7 014.3	8 144.4	8 316.8	2.1
4	Bremerhaven	DE	3 696.1	4 552.0	4 858.3	5 911.2	21.7
5	Valencia	ES	2 415.2	3 654.4	4 211.2	4 338.4	3.0
6	Algeciras	ES	3 183.9	2 953.1	2 776.9	3 583.9	29.1
7	Gioia Tauro	IT	3 123.2	2 724.7	3 896.7	3 307.0	- 15.1
8	Felixstowe	UK	2 759.7	3 020.9	3 415.1	3 248.6	- 4.9
9	Le Havre	FR	2 144.3	2 257.2	2 369.3	2 221.8	- 6.2
10	Barcelona	ES	2 071.4	1 846.2	1 928.0	2 006.0	4.0
11	Piraeus	EL	1 401.1	667.1	850.3	1 680.9	97.7
12	Southampton	UK	1 384.2	1 384.7	1 566.5	1 590.5	1.5
13	Las Palmas	ES	1 222.4	1 006.1	1 118.0	1 284.4	14.9
14	La Spezia	IT	915.6	840.4	1 180.6	1 205.0	2.1
15	Zeebrugge	BE	682.3	1 466.9	1 436.8	1 157.4	- 19.4
16	Marseille	FR	910.6	943.2	1 030.9	1 095.2	6.2
17	Göteborg	SE	771.7	824.2	891.5	913.9	2.5
18	Genova	IT	1 037.6	1 311.2	1 020.0	910.1	- 10.8
19	London	UK	765.1	646.4	732.7	736.9	0.6
20	Gdansk	PL	63.3	232.9	509.9	684.7	34.3
21	Liverpool	UK	613.1	588.8	662.0	664.0	0.3
22	Constanta	RO	867.0	607.5	548.1	653.3	19.2
23	Gdynia	PL	392.9	376.2	477.0	591.1	23.9
24	Koper	SI	210.3	334.3	481.0	586.9	22.0
25	Bilbao	ES	862.9	443.5	532.0	572.7	7.7
26	Cagliari	IT	583.7	233.7	486.6	555.6	14.2
27	Lisboa	PT	512.2	500.3	512.0	542.6	6.0
28	Dublin	IE	590.2	548.5	554.0	523.6	- 5.5
29	Leixões	PT	351.8	450.1	481.8	514.2	6.7
30	Hamina-Kotka	FI	376.5	349.2	402.4	501.7	24.7
31	Málaga	ES	247.5	289.9	298.4	492.6	65.1
32	Livorno	IT	461.4	425.6	369.9	452.6	22.4
33	Sines	PT	51.0	253.5	382.1	447.5	17.1
34	Århus	DK	397.2	384.7	446.3	431.4	- 3.4
35	Trieste	IT	182.7	156.2	261.1	410.0	57.0
36	Medway	UK	702.9	422.9	439.8	402.2	- 8.5
37	Klaipėda	LT	214.3	248.0	295.2	382.2	29.5
38	Santa Cruz de Tenerife	ES	457.6	346.3	329.8	349.3	5.9
39	Lemesos (Limassol)	CY	320.8	353.7	332.5	338.4	1.8
40	Helsinki	FI	460.2	366.6	400.7	334.2	- 16.6
41	Thessaloniki	EL	372.5	264.0	289.2	327.1	13.1
42	Riga	LV	157.8	179.8	254.6	303.0	19.0
43	Taranto	IT	445.1	436.2	258.3	286.1	10.8
44	Napoli	IT	178.5	127.1	224.2	271.7	21.2
45	Dunkerque	FR	201.6	212.0	200.8	271.0	34.9
46	Tees & Hartlepool	UK	137.5	178.5	252.4	263.6	4.4
47	Forth	UK	207.3	231.8	216.6	245.0	13.1
48	Tarragona	ES	0.0	243.5	255.4	225.7	- 11.6
49	Venezia	IT	196.0	229.0	237.7	225.1	- 5.3
50	Hull	UK	251.7	182.0	202.1	219.7	8.7

Note: In 2011 the ports of Hamina and Kotka merged into a single legal entity. Older values refer to Kotka only.

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
2011	44.7	8.6	10	13	77

Notes: (*) Consignment = equivalent to 2.0 TEU, meaning:

- one semi-trailer;
- two swap bodies less than 8.30 m and under 16 t;
- one swap body more than 8.30 m or over 16 t;
- one vehicle on the Rolling Motorway.

Combined transport

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

COMPANY	THOUSAND CONSIGNMENTS (*)					%
	2000	2005	2009	2010	2011	CHANGE '10/'11
INTERNATIONAL TRAFFIC						
Kombiverkehr, DE	374.835	351.371	355.001	405.646	429.475	5.9
Hupac, CH	231.060	291.157	349.622	405.400	406.587	0.3
Cemat, IT	149.395	236.824	180.534	200.502	213.292	6.4
IFB, BE	57.747	85.889	114.803	106.589	144.781	35.8
Ökombi, AT	148.769	90.677	97.170	114.125	135.471	18.7
ICA, AT		123.753	135.371	124.544	121.815	- 2.2
Adria Kombi, SI	19.229	41.131	45.402	68.684	101.672	48.0
RAIpin, CH		79.248	92.464	91.535	93.534	2.2
Hupac NV, NL	26.400	57.085	57.941	57.552	69.632	21.0
Naviland Cargo, FR		12.804	27.928	30.999	50.759	63.7
Polzug, PL			55.708	50.783	42.251	- 16.8
Alpe Adria, IT		22.170	26.715	28.888	37.356	29.3
Novatrans, FR		37.848	32.396	30.405	30.405	0.0
Combiberia, ES		24.406	23.172	20.104	22.965	14.2
Hungarocombi, HU	61.780	37.076	13.216	15.476	15.901	2.7
Bohemiakombi, CZ		1.424	6.401	7.605	10.064	32.3
Crokombi, HR		1.796	1.090	0.977	0.649	- 33.6
Rocombi, RO			0.003	0.002	0.003	50.0
Kombi Dan, DK		7.205				
NATIONAL TRAFFIC						
IFB, BE		5.117	315.943	323.158	403.771	24.9
Kombiverkehr, DE	163.290	224.989	244.003	256.820	262.950	2.4
Ökombi, AT	117.146	46.792	176.706	186.404	138.454	- 25.7
Novatrans, FR	176.145	145.909	123.372	122.468	129.456	5.7
Naviland Cargo, FR		111.592	102.908	109.177	107.732	- 1.3
Cemat, IT	194.327	187.125	91.049	101.341	76.045	- 25.0
Hupac, CH/DE/IT	16.200	33.610	43.585	52.503	52.311	- 0.4
ICA, AT		19.925	36.136	46.419	46.278	- 0.3
Adria Kombi, SI		12.401	36.040	39.752	32.804	- 17.5
Alpe Adria, IT		20.324	9.806	12.307	11.438	- 7.1
Hupac / RAIpin, CH			9.998	11.185	10.699	- 4.3
Polzug, PL			11.553	8.287	8.166	- 1.5
Rocombi, RO		11.496	2.315	1.229	1.243	1.1

Notes: (*) Consignment = equivalent to 2.0 TEU, meaning: one semi-trailer; two swap bodies less than 8.30 m and under 16 t; one swap-body more than 8.30 m or over 16 t; one vehicle on the Rolling Motorway. IFB joined the UIRR as an active member. The 2005–08 figures represent the activities of TRW, which was taken over by IFB in 2009. RAIpin took over the domestic line Basel–Lugano operated by Hupac from 2007–10.

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
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
2011	10.6	3.8	29.3	20.7	64.4
AVERAGE ANNUAL CHANGE					
'85/'00	9.7%	3.3%	3.9%	5.4%	5.0%
'00/'10	3.4%	11.3%	1.0%	- 2.7%	0.3%
'10/'11	- 1.9%	8.6%	2.1%	2.5%	9.3%

Note: 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
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
2011	927	332	1 980	1 389	4 628

Note: internal, import, export and transit traffic.

Road: PYRENEES CROSSING TRAFFIC

GOODS TRAFFIC

	VEHICLES PER DAY			TOTAL
	West coast Bariatou (inc. A63)	East coast Le Perthus (inc. A9)	Other crossings	
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
2009	9 712	8 610	1 367	19 688

PASSENGER CAR TRAFFIC

	VEHICLES PER DAY			TOTAL
	West coast Bariatou (inc. A63)	East coast Le Perthus (inc. A9)	Other crossings	
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
2009	47 907	31 465	42 452	121 823

Note: 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	3.0	41.4
2011	14.4	11.3	14.1	3.4	43.2
AVERAGE ANNUAL CHANGE					
'85/'00	2.7%	2.1%	4.2%	0.9%	2.5%
'00/'10	-1.5%	11.5%	4.9%	-8.9%	1.3%
'10/'11	0.0%	17.7%	-2.1%	13.3%	4.3%

PYRENEES CROSSING FREIGHT TRAFFIC (**)

Spain – France			MILLION TONNES	
	West coast Hendaye – Irun	East coast Cerbère / Port Bou	Total pure rail	Intermodal rail
1995	1.333	2.220	3.553	1.970
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	1.766	2.518	4.284	2.841
2004	1.900	2.663	4.563	3.050
2005	1.833	2.670	4.503	3.074
2006	1.866	2.605	4.471	3.366
2007	1.586	2.114	3.700	1.575
2008	1.251	1.877	3.128	1.443
2009	0.934	1.751	2.685	1.181
2010			2.511	1.171
2011			2.843	1.437
2012			2.868	1.562

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
2012	2 424	59.0	1 465	8.4

	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
2012	9.912	1 227

Notes: The Channel Tunnel opened in 1994. (¹) Since 2000, estimate based on 2.52 passengers per car and 38.75 passengers per coach.

Road: LENGTH OF MOTORWAYS

	km (at end of year)					
	1990	1995	2000	2005	2009	2010
EU-27	41 885	47 970	54 719	62 218	68 242	69 468
EU-15	39 616	45 468	51 490	57 995	62 848	63 763
EU-12	2 269	2 502	3 229	4 223	5 394	5 705
BE	1 666	1 666	1 702	1 747	1 763	1 763
BG	273	277	319	331	418	437
CZ	357	414	501	564	729	734
DK	611	796	923	1 032	1 130	1 130
DE	10 854	11 190	11 712	12 363	12 813	12 819
EE	41	65	93	99	100	115
IE	26	70	103	247	663	900
EL	190	421	615	1 047	1 166	1 191
ES	4 976	6 962	9 049	11 432	14 021	14 262
FR	6 824	8 275	9 766	10 798	11 163	11 392
IT	6 193	6 435	6 478	6 542	6 661	6 668
CY	120	167	257	276	257	257
LV	-	-	-	-	-	-
LT	421	394	417	417	309	309
LU	78	123	114	147	152	152
HU	267	335	448	859	1 273	1 477
MT	-	-	-	-	-	-
NL	2 092	2 208	2 265	2 600	2 631	2 651
AT	1 445	1 596	1 633	1 677	1 696	1 719
PL	257	246	358	552	849	857
PT	316	687	1 482	2 341	2 705	2 737
RO	113	113	113	228	321	332
SI	228	293	427	569	747	771
SK	192	198	296	328	391	416
FI	225	394	549	693	765	779
SE	939	1 262	1 499	1 700	1 891	1 927
UK	3 181	3 383	3 600	3 629	3 674	3 673
HR	291		411	792	1 097	1 126
MK	83			216	251	251
TR	281			1 667	2 036	2 080
IS	-	-	-	11	11	11
NO	73	107	144	264	344	381
CH	1 148	1 197	1 270	1 358	1 406	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 2010)			
	Motorways	Main or national roads	Secondary or regional roads	Other roads (*)
BE	1 763	13 229	1 349	138 869
BG	437	2 970	4 030	12 019
CZ	734	6 225	48 763	74 919
DK	1 130	2 705	70 336	
DE	12 819	39 710	178 253	
EE	115	4 003	12 440	42 072
IE	900	4 780	11 631	78 958
EL	1 191	9 299	30 864	75 600
ES	14 262	15 103	136 422	501 053
FR	11 392	9 754	377 769	651 202
IT	6 668	20 856	158 895	68 986
CY	257	2 186	2 753	4 248
LV	-	1 653	5 316	58 173
LT	309	6 366	14 591	50 781
LU	152	837	1 891	
HU	1 477	6 821	23 330	167 939
MT	-	184	665	1 379
NL	2 651	2 470	7 863	124 707
AT	1 719	10 469	23 654	88 666
PL	857	17 751	154 634	232 880
PT	2 737	5 966	4 420	
RO	332	16 220	35 221	30 613
SI	771	817	5 143	32 342
SK	416	3 507	14 052	25 351
FI	779	12 550	13 574	51 258
SE	1 927	13 507	83 031	117 487
UK	3 673	49 024	122 620	244 311
HR	1 126	6 929	10 936	10 342
MK	251	660	3 772	9 300
TR	2 080	31 395	31 390	302 398
IS	11	4 930	2 950	5 010
NO	381	10 496	44 281	38 732
CH	1 406	384	18 040	51 622

Notes: (*) The definition of road types varies from country to country, the data are therefore not comparable. 'Other roads' sometimes include roads without a hard surface. IE and EL: end of 2009. MT: end of 2005 (except for motorways).

Railways: LENGTH OF LINES IN USE

	km							km	%
	1990	1995	2000	2005	2009	2010	2011	OF WHICH: ELECTRIFIED 2011	
EU-27	235 242	227 139	217 857	212 384	212 693	212 789	213 574	113 531	53.2
EU-15	162 132	160 037	152 446	150 316	151 213	151 551	152 492	86 027	56.4
EU-12	73 110	67 102	65 411	62 068	61 480	61 238	61 082	27 504	45.0
BE	3 479	3 368	3 471	3 544	3 578	3 582	3 558	3 008	84.5
BG	4 299	4 294	4 320	4 154	4 150	4 097	3 947	2 862	72.5
CZ		9 430	9 444	9 614	9 477	9 468	9 470	3 208	33.9
DK	2 838	2 863	2 787	2 646	2 646	2 646	2 629	621	23.6
DE	40 981	41 718	36 588	34 221	33 714	33 707	33 576	19 826	59.0
EE	1 026	1 021	968	968	919	787	792	132	16.7
IE	1 944	1 954	1 919	1 919	1 919	1 919	1 919	52	2.7
EL	2 484	2 474	2 385	2 576	2 552	2 552	2 554	438	17.1
ES	14 539	14 308	14 347	15 015	15 330	15 837	15 932	9 615	60.4
FR	34 070	31 939	29 272	29 286	29 903	29 871	30 884	16 321	52.8
IT	16 066	16 003	16 187	16 545	17 004	17 022	17 045	12 120	71.1
CY	-	-	-	-	-	-	-	-	-
LV	2 397	2 413	2 331	2 270	1 884	1 897	1 865	257	13.8
LT	2 007	2 002	1 905	1 771	1 767	1 767	1 767	122	6.9
LU	271	275	274	275	275	275	275	262	95.3
HU	7 838	7 714	8 005	7 950	7 892	7 893	7 906	2 996	37.9
MT	-	-	-	-	-	-	-	-	-
NL	2 798	2 739	2 802	2 797	2 886	3 016	3 016	2 107	69.9
AT	5 624	5 672	5 665	5 691	5 356	5 039	5 021	3 416	68.0
PL	26 228	23 986	22 560	19 507	19 764	19 702	19 725	11 817	59.9
PT	3 064	2 850	2 814	2 844	2 842	2 842	2 793	1 629	58.3
RO	11 348	11 376	11 015	10 948	10 776	10 777	10 777	4 032	37.4
SI	1 196	1 201	1 201	1 228	1 228	1 228	1 209	500	41.4
SK	3 660	3 665	3 662	3 658	3 623	3 622	3 624	1 578	43.5
FI	5 867	5 880	5 854	5 732	5 919	5 919	5 944	3 172	53.4
SE	11 193	10 925	11 037	11 017	11 138	11 149	11 213	8 121	72.4
UK	16 914	17 069	17 044	16 208	16 151	16 175	16 134	5 319	33.0
HR	2 429	2 296	2 726	2 726	2 722	2 722	2 722	984	36.1
MK	696	699	699	699	699	699	699	234	33.5
TR	8 429	8 549	8 671	8 697	9 080	9 594	9 642	2 789	28.9
IS	-	-	-	-	-	-	-	-	-
NO	4 044	4 023	4 413	4 334	4 151	4 199	4 154	2 551	61.4
CH	3 215	3 232	3 216	3 399	3 599	3 597	3 574	3 573	100.0

Notes: DE: includes DE-E: 1970 = 14 250, 1980 = 14 248, 1990 = 14 031.
 CS: 1970 = 13 308, 1980 = 13 131, 1990 = 13 111.
 (These are included in EU-27 and EU-12 totals).

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
2012	209	1 334	2 144	2 036	923	120	113	6 879

Note: 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	Offenburg-Basel	112	2015
DE	Gröbers-Erfurt	98	2015
DE	Nürnberg-Erfurt	218	2017
ES	Barcelona-Figueras	132	
ES	(Madrid)/Alicante/Murcia/Castellon	470	
ES	Vitoria-Bilbao-San Sebastian	175	
ES	Variante de Pajares	50	
ES	Bobadilla-Granada	109	
ES	La Coruña-Vigo	158	
ES	Navalmoral-Cacere-Badajoz-Fr. Port	278	
ES	Sevilla-Cadiz	152	
ES	Hellin-Cieza(Variante de Camarillas)	27	
ES	Sevilla-Antequera	128	
FR	LGV EST-Européenne (second phase)	122	2015
FR	LGV Bretagne-Pays de la Loire	214	2016
FR	LGV Sud Europe Atlantique	341	2016
FR	Contournement Nimes-Montpellier	80	2017

Note: 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
HR	1 435	3 000	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	29	32	98	33	109	63
EU-15	28	27	81	31	99	58
EU-12	1	5	17	2	10	5
BE	1	1			3	
BG			3			
CZ	1			1	1	
DK	1		2	1	2	1
DE	5	3	10	4	6	14
EE			1			2
IE	1		2		1	
EL	1	1	5	2	10	8
ES	5	4	15	4	5	6
FR	3	4	12	3	26	10
IT	2	6	15	5	7	1
CY		1	1			
LV		1				
LT			1	1	1	
LU			1			
HU		1				1
MT			1			
NL	1		2		2	
AT	1		1	3	1	
PL		1	5		4	
PT	1	2	1	1	3	1
RO		1	3		3	1
SI			1			
SK			1		1	1
FI	1		0	2	8	2
SE	1		5	2	14	7
UK	4	6	10	4	11	8
HR			3		2	1
MK				1		1
TR	3	2	9	5	11	9
IS			1			
NO	1	1	6	4	17	12
CH	2		1		2	

Notes: (*) 'Passengers carried' do not include direct transit passengers (i.e. transit passengers who stay on board and continue their flight with the same flight number). Airports are grouped according to 2011 passenger volumes (except for DE: 2010). In this table, blank means none.

Inland Waterways: LENGTH IN USE

NAVIGABLE CANALS, RIVERS AND LAKES REGULARLY USED FOR TRANSPORT

	km						
	1990	2000	2005	2007	2008	2009	2010
EU-27		<i>40 091</i>	<i>40 915</i>	<i>40 741</i>	<i>40 474</i>	<i>40 443</i>	<i>40 590</i>
EU-15	<i>26 565</i>	<i>31 120</i>	<i>31 995</i>	<i>31 648</i>	<i>31 366</i>	<i>31 316</i>	<i>31 464</i>
EU-12		<i>8 971</i>	<i>8 920</i>	<i>9 093</i>	<i>9 108</i>	<i>9 127</i>	<i>9 126</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	676	676
DK	-	-	-	-	-	-	-
DE	4 350	6 754	7 565	7 565	7 565	7 565	7 728
EE		320	320	320	335	335	335
IE	-	-	-	-	-	-	-
EL	-	-	-	-	-	-	-
ES	-	-	-	-	-	-	-
FR	6 197	5 789	5 788	5 444	5 200	5 132	5 110
IT	1 366	1 477	1 562	1 562	1 562	1 562	1 562
CY	-	-	-	-	-	-	-
LV	-	-	-	-	-	-	-
LT	369	380	290	441	441	448	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	6 074	6 102	6 101	6 104
AT	351	351	351	351	351	351	351
PL	3 997	3 813	3 638	3 660	3 660	3 660	3 659
PT	-	-	-	-	-	-	-
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	8 049	7 983	8 002	8 006
SE	-	-	-	-	-	-	-
UK	1 631	1 153	1 065	1 050	1 050	1 050	1 050
HR	933	720	804	804	804	804	805
MK	-	-	-	-	-	-	-
TR	-	-	-	-	-	-	-
IS	-	-	-	-	-	-	-
NO	-	-	-	-	-	-	-
CH	-	-	-	-	-	-	-

Note: DE: includes DE-E: 1970 = 2 300, 1980 = 2 302, 1990 = 2 319.

Pipelines

LENGTH OF OIL PIPELINES

	km					
	1990	1995	2000	2005	2009	2010
EU-27			<i>33 958</i>	<i>35 256</i>	<i>37 139</i>	<i>37 389</i>
EU-15	18 309	20 631	22 162	23 011	24 190	24 436
EU-12			<i>11 796</i>	<i>12 245</i>	<i>12 949</i>	<i>12 953</i>
BE	301	294	294	294	294	294
BG	578	578	578	578	578	578
CZ		581	675	675	675	674
DK	444	330	330	330	330	330
DE	2 222	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	4 213	4 365
FR	4 948	4 983	5 746	5 746	6 199	6 293
IT	4 086	4 235	4 346	4 328	4 291	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	2 207	2 209
MT	-	-	-	-	-	-
NL	391	391	418	418	418	418
AT	777	777	777	777	1 214	1 214
PL	2 039	2 278	2 278	2 278	2 360	2 362
PT	-	-	147	147	147	147
RO	3 694	3 546	4 423	4 807	5 260	5 260
SI	-	-	-	-	-	-
SK		515	515	515	509	510
FI	-	-	-	-	-	-
SE	-	-	-	-	-	-
UK	2 462	3 470	3 954	4 501	4 447	4 447
HR	865	601	601	610	610	610
MK				155	144	144
TR		1 126	2 112	3 065	3 065	3 038
IS	-	-	-	-	-	-
NO		3 701	7 908	1 189	1 189	1 260
CH	239	239	108	108	108	108

Notes: Including oil pipelines under the sea.

DE: Crude oil pipelines only; includes DE-E: 1970 = 1 300, 1980 = 1 301, 1990 = 1 323 km.

CS: 1970 = 1 090, 1980 = 1 090, 1990 = 1 090, 1991 = 1 090, 1992 = 1 083 km.

Road: MOTORISATION

NUMBER OF PASSENGER CARS PER THOUSAND INHABITANTS								%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27	345	380	417	448	473	477	483	1.2
EU-15	406	435	465	489	502	505	509	0.8
EU-12	140	190	242	296	360	368	381	3.5
BE	387	421	456	468	479	482	490	1.6
BG	152	196	245	329	331	347	368	6.1
CZ	234	295	335	386	422	427	436	2.2
DK	309	320	347	362	383	389	394	1.2
DE	461	495	475	493	510	517	525	1.4
EE	154	269	339	367	407	412	428	3.9
IE	228	276	348	400	432	424	417	-1.5
EL	170	207	292	387	454	461	461	-0.1
ES	309	360	431	463	478	480	482	0.5
FR	476	481	503	497	500	501	502	0.3
IT	483	533	572	590	603	606	610	0.7
CY	304	335	384	463	573	575	545	-5.2
LV	106	134	236	324	402	286	300	5.0
LT	133	199	336	428	509	521	570	9.2
LU	477	556	622	655	660	659	658	-0.1
HU	187	218	232	287	301	299	298	-0.3
MT	337	487	483	525	563	573	589	2.8
NL	367	364	409	434	460	452	470	3.8
AT	388	452	511	504	521	528	535	1.2
PL	138	195	261	323	432	451	470	4.2
PT	185	255	336	397	419	421	447	6.1
RO	56	97	124	156	198	202	203	0.6
SI	294	357	435	479	517	518	519	0.2
SK	166	189	237	242	293	307	324	5.4
FI	388	371	412	462	519	535	551	3.0
SE	419	411	450	459	460	460	464	0.8
UK	361	378	425	469	470	470	466	-0.7
HR		155	253	312	346	343	345	0.5
MK		145	148	124	137	151	152	0.8
TR		49	65	80	98	102	109	6.1
IS	468	445	561	625	646	643	645	0.3
NO	380	386	411	437	462	469	477	1.6
CH	442	457	492	518	515	518	523	1.0

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	2009	2010	2011	CHANGE '10/'11
EU-27	<i>163 048</i>	<i>181 751</i>	<i>200 868</i>	<i>220 223</i>	<i>236 040</i>	<i>239 087</i>	<i>242 241</i>	1.3
EU-15	<i>148 041</i>	<i>161 539</i>	<i>175 513</i>	<i>189 611</i>	<i>198 863</i>	<i>201 131</i>	<i>203 106</i>	1.0
EU-12	<i>15 007</i>	<i>20 212</i>	<i>25 355</i>	<i>30 612</i>	<i>37 178</i>	<i>37 956</i>	<i>39 135</i>	3.1
BE	3 864	4 273	4 678	4 919	5 193	5 276	5 407	2.5
BG	1 317	1 648	1 993	2 538	2 502	2 602	2 695	3.6
CZ	2 410	3 043	3 439	3 959	4 435	4 496	4 582	1.9
DK	1 590	1 679	1 854	1 965	2 120	2 164	2 198	1.6
DE	36 772	40 499	39 059	40 660	41 738	42 302	42 928	1.5
EE	241	383	464	494	546	553	574	3.9
IE	801	998	1 333	1 684	1 931	1 899	1 913	0.7
EL	1 736	2 205	3 195	4 303	5 132	5 217	5 204	-0.3
ES	11 996	14 212	17 449	20 250	21 983	22 147	22 277	0.6
FR	27 072	27 872	29 808	30 497	31 394	31 622	31 876	0.8
IT	27 416	30 301	32 584	34 667	36 372	36 751	37 113	1.0
CY	179	220	268	355	461	463	470	1.6
LV	283	332	557	742	904	637	612	-3.8
LT	493	718	1 172	1 455	1 695	1 692	1 713	1.3
LU	183	229	273	307	332	337	346	2.5
HU	1 944	2 245	2 365	2 889	3 014	2 984	2 968	-0.5
MT	120	181	189	213	233	239	245	2.4
NL	5 509	5 633	6 539	7 092	7 622	7 736	7 859	1.6
AT	2 991	3 594	4 097	4 157	4 360	4 441	4 513	1.6
PL	5 261	7 517	9 991	12 339	16 495	17 240	18 125	5.1
PT	1 849	2 560	3 443	4 200	4 457	4 692	4 712	0.4
RO	1 292	2 197	2 778	3 364	4 245	4 320	4 335	0.3
SI	587	711	866	960	1 059	1 062	1 066	0.5
SK	880	1 016	1 274	1 304	1 589	1 669	1 749	4.8
FI	1 939	1 901	2 135	2 430	2 777	2 877	2 978	3.5
SE	3 601	3 631	3 999	4 154	4 301	4 335	4 401	1.5
UK	20 722	21 951	25 067	28 326	29 152	29 334	29 382	0.2
HR		711	1 125	1 385	1 533	1 515	1 518	0.2
MK		286	300	253	282	310	313	0.9
TR		3 059	4 422	5 773	7 094	7 545	8 113	7.5
IS	120	119	159	187	205	205	206	0.7
NO	1 613	1 685	1 852	2 029	2 244	2 309	2 376	2.9
CH	2 985	3 229	3 545	3 861	4 010	4 076	4 163	2.1
LI	17	19	22	24	26	27	27	1.6

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

Road: BUSES AND COACHES

STOCK OF REGISTERED VEHICLES

	thousand							%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27	738.2	752.9	776.8	790.3	820.5	819.3	820.2	0.1
EU-15	480.1	483.7	523.3	548.5	576.3	579.2	578.6	-0.1
EU-12	258.1	269.3	253.5	241.8	244.1	240.1	241.5	0.6
BE	15.6	14.6	14.7	15.4	16.1	16.2	16.1	-0.8
BG	34.6	41.8	43.0	37.8	25.1	24.5	23.7	-3.5
CZ	20.5	20.5	19.0	20.9	20.7	20.4	20.4	0.1
DK	8.1	13.7	14.0	14.4	14.5	14.5	14.0	-3.3
DE	100.4	85.4	77.2	75.2	76.4	76.5	76.0	-0.6
EE	7.9	7.0	6.1	5.2	4.1	4.2	4.2	-0.3
IE	4.0	5.3	7.0	7.6	8.6	8.2	8.3	0.4
EL	21.4	24.6	27.0	26.8	27.3	27.3	27.1	-0.7
ES	45.8	47.4	54.7	58.2	62.7	62.4	62.4	-0.1
FR	73.7	81.8	85.7	90.1	95.8	96.9	98.2	1.3
IT	77.7	75.0	88.0	94.4	98.7	99.9	100.4	0.5
CY	2.3	2.7	2.9	3.2	3.4	3.4	3.5	1.7
LV	12.1	16.5	11.5	10.6	9.7	5.4	5.2	-3.6
LT	15.2	17.6	15.5	15.3	13.8	13.7	13.5	-1.3
LU	0.8	0.9	1.1	1.3	1.6	1.6	1.7	4.0
HU	26.4	20.5	17.9	17.5	17.7	17.6	17.3	-2.1
MT	1.0	1.0	1.1	1.1	1.2	1.2	1.2	-5.8
NL	12.1	11.6	11.4	11.0	11.6	11.3	11.0	-2.6
AT	9.4	9.8	9.9	9.3	9.6	9.6	9.6	-0.5
PL	92.4	85.4	82.6	79.6	95.4	97.0	100.3	3.4
PT	12.1	15.0	19.8	14.7	15.5	15.6	15.5	-0.6
RO	28.3	42.0	40.7	39.3	41.2	40.9	40.9	0.0
SI	3.1	2.5	2.3	2.3	2.4	2.4	2.4	0.9
SK	14.3	11.8	10.9	9.1	9.4	9.4	9.1	-3.0
FI	9.3	8.1	9.9	10.9	13.0	13.7	14.2	3.9
SE	14.6	14.6	14.4	13.5	13.4	13.9	13.9	0.5
UK	75.0	75.9	88.6	105.6	111.5	111.5	110.2	-1.2
HR	5.8	3.9	4.7	4.9	5.1	4.9	4.8	-0.7
MK	2.3	2.5	2.5	2.3	2.5	2.7	2.6	-2.2
TR	188.1	263.2	354.3	501.9	585.1	595.5	609.3	2.3
IS	1.3	1.3	1.7	1.9	1.9	1.9	2.0	2.9
NO	21.2	32.5	36.7	28.8	21.5	20.3	19.2	-5.4
CH	31.2	36.5	40.3	45.8	50.7	52.8	55.4	5.1
LI			0.1	0.1	0.1	0.1	0.1	0.0

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

Road: GOODS VEHICLES

STOCK OF REGISTERED VEHICLES

thousand								%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27		22612.8	26808.0	30783.3	33353.2	33603.9	33980.5	1.1
EU-15	17395.4	19650.4	22965.4	26059.1	27636.0	27743.6	27916.5	0.6
EU-12		2962.4	3842.5	4724.2	5717.2	5860.3	6064.0	3.5
BE	380.4	442.5	548.4	652.1	724.1	737.5	761.2	3.2
BG	161.6	223.2	259.4	333.9	317.8	333.5	347.6	4.2
CZ		219.3	298.3	439.2	601.8	598.0	597.2	-0.1
DK	286.6	333.8	384.9	469.5	507.9	485.1	469.2	-3.3
DE	1653.0	2378.7	2419.1	2404.9	2556.0	2619.4	2713.0	3.6
EE	67.7	65.6	82.1	86.2	81.1	81.2	84.3	3.9
IE	143.2	141.8	205.6	286.5	343.9	327.1	321.0	-1.9
EL	766.4	883.8	1057.4	1186.5	1302.4	1318.8	1321.3	0.2
ES	2401.1	3024.2	3923.2	4849.6	5342.9	5303.5	5256.8	-0.9
FR	4670.0	4926.0	5151.7	5346.7	5238.6	5249.3	5251.2	0.0
IT	2207.9	2509.9	3087.0	3785.9	4102.6	4141.8	4181.9	1.0
CY	74.3	101.2	114.7	118.4	124.1	120.7	118.0	-2.2
LV		68.7	97.1	113.1	120.6	71.6	72.6	1.5
LT	83.0	108.9	98.6	122.5	146.3	133.9	136.8	2.1
LU	11.3	15.8	24.7	29.6	34.7	35.6	36.8	3.3
HU	262.0	292.1	366.4	427.6	466.7	464.9	465.7	0.2
MT		40.8	51.5	44.4	47.2	47.6	48.4	1.7
NL	553.0	654.0	899.0	1004.5	1017.3	1004.0	990.7	-1.3
AT	261.8	302.9	344.5	358.0	388.0	396.8	407.5	2.7
PL		1354.1	1879.1	2304.5	2796.8	2981.6	3130.7	5.0
PT	781.0	912.3	1313.2	1308.0	1337.0	1337.0	1335.5	-0.1
RO	258.7	343.1	427.2	493.8	661.9	667.2	696.3	4.4
SI	30.8	42.9	54.3	66.4	83.6	84.1	84.6	0.6
SK	92.0	102.6	114.0	174.2	269.3	276.0	281.8	2.1
FI	264.2	252.0	304.3	363.6	443.9	464.4	488.9	5.3
SE	309.5	307.7	374.2	461.2	514.6	526.4	548.3	4.1
UK	2706.0	2565.0	2928.3	3552.4	3782.1	3796.9	3833.2	1.0
HR		73.5	122.5	162.9	164.8	157.7	154.9	-1.8
MK		22.6	24.6	18.0	18.4	18.2	17.8	-2.3
TR		830.0	1351.8	2152.0	2932.3	3125.4	3339.6	6.9
IS	13.1	14.8	19.4	25.5	30.9	30.4	30.2	-0.7
NO	308.3	349.5	414.3	465.4	524.2	527.0	534.3	1.4
CH	252.1	262.4	278.5	307.2	327.8	335.2	348.6	4.0
LI			2.5	2.6	2.7	2.8	2.9	3.5

Notes: Stock at end of year, except for BE: 1 August. CH: 30 September. LI: 1 July.
 As a rule, data include heavy and light goods vehicles, lorries and road tractors;
 due to varying concepts of such vehicles, data are not fully comparable
 between countries. HR: since 2009 light vans have been included in passenger cars
 and no longer in Goods Vehicles.

Road: POWERED TWO-WHEELERS

STOCK OF REGISTERED VEHICLES

	thousand						%
	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27		23 367.4	29 703.5	34 048.4	34 229.0	34 681.7	1.3
EU-15		20 805.5	27 127.6	30 673.9	30 698.0	30 932.8	0.8
EU-12		2 561.9	2 575.9	3 374.5	3 531.0	3 748.9	6.2
BE		277.8	346.3	403.9	418.9	434.0	3.6
BG	519.3	520.5	146.5	117.6	125.4	131.8	5.1
CZ	915.2	748.1	794.0	903.3	924.3	944.2	2.2
DK	58.0	138.3	171.9	205.2	203.6	200.6	-1.5
DE	3 995.5	4 438.1	5 202.9	5 866.8	5 870.9	6 004.2	2.3
EE	3.3	6.7	10.2	18.6	19.7	23.2	17.9
IE	23.5	30.6	34.3	39.6	38.1	36.6	-4.1
EL		781.4	1 124.2	1 448.9	1 499.1	1 534.9	2.4
ES	1 301.2	1 445.6	4 117.6	4 958.9	4 997.7	5 027.5	0.6
FR	2 289.0	2 410.0	2 475.3	3 532.0	3 561.0	3 439.4	-3.4
IT	6 228.3	7 826.9	9 298.4	9 018.1	8 855.0	8 935.4	0.9
CY	50.4	43.3	40.4	42.7	40.7	39.8	-2.3
LV	15.8	20.7	32.5	52.0	36.7	38.6	5.3
LT	20.0	19.8	24.0	51.4	56.3	60.1	6.8
LU	28.4	32.8	37.7	41.3	42.1	43.3	3.0
HU		91.2	122.7	142.0	142.3	147.4	3.6
MT	17.4	12.4	12.0	14.4	14.8	15.5	4.6
NL	855.0	970.8	1 112.9	1 579.1	1 664.3	1 675.1	0.6
AT	546.4	632.7	627.7	712.1	727.9	743.4	2.1
PL	929.0	803.0	1 091.2	1 808.7	1 935.1	2 102.2	8.6
PT	216.3	345.9	588.4	533.3	498.0	497.0	-0.2
RO	327.7	239.2	197.4	80.0	85.2	90.1	5.8
SI	8.5	11.2	48.7	88.4	91.0	92.2	1.3
SK	81.8	45.6	56.4	55.4	59.6	63.9	7.2
FI	159.5	193.4	301.8	456.2	486.8	516.0	6.0
SE	264.2	310.1	453.1	571.9	570.2	578.5	1.4
UK	714.0	971.0	1 235.0	1 306.8	1 264.4	1 266.8	0.2
HR	9.9	21.9	128.4	184.5	176.8	175.0	-1.0
MK			1.7	9.1	7.8	8.4	7.9
TR	819.9	1 011.3	1 441.1	2 303.3	2 389.5	2 527.2	5.8
IS	1.9	2.3	4.2	9.4	9.7	9.9	2.8
NO	158.6	201.6	257.5	306.8	315.5	323.5	2.5
CH	704.1	732.6	770.3	806.6	815.7	833.9	2.2
LI		2.6	3.1	3.6	3.7	3.8	0.5

Notes: Stock at end of year, except for BE: 1 August. CH: 30 September.
LI: 1 July. National vehicle stock data do not always include all powered two-wheelers and are therefore not fully comparable between countries. Tricycles and quads are sometimes included in the data. Break in time series due to inclusion of mopeds since 2001 in ES, 2002 in SI and HR, 2004 in LV, 2005 in PL, 2007 in LT, 2011 in EE.

Road: PASSENGER CARS

NEW VEHICLE REGISTRATIONS

thousand							%
	2000	2005	2009	2010	2011	2012	CHANGE '11/'12
EU-27		15 092.2	14 179.6	13 392.0	13 167.1	12 063.0	- 8.4
EU-15	14 319.1	14 111.9	13 299.0	12 554.6	12 347.4	11 297.1	- 8.5
EU-12		980.3	880.6	837.4	819.7	765.9	- 6.6
BE	515.2	480.1	476.2	547.3	572.2	487.4	- 14.8
BG		32.7	25.0	15.6	18.6	19.8	6.0
CZ		151.7	167.7	169.6	173.6	174.0	0.2
DK	112.7	146.9	112.2	153.6	170.0	170.5	0.3
DE	3 378.3	3 319.3	3 807.2	2 916.3	3 173.6	3 082.6	- 2.9
EE		19.6	9.9	10.3	17.1	19.4	13.8
IE	230.8	171.7	57.5	88.4	89.9	79.5	- 11.6
EL	290.2	269.7	219.7	141.5	97.7	58.5	- 40.1
ES	1 381.3	1 528.9	952.8	982.0	808.1	699.6	- 13.4
FR	2 133.9	2 067.8	2 302.4	2 251.7	2 204.2	1 898.8	- 13.9
IT	2 423.1	2 237.4	2 159.5	1 961.6	1 749.1	1 402.1	- 19.8
CY	8.2	19.2	15.9	15.1	14.7	11.0	- 25.2
LV		16.6	5.4	6.4	11.0	10.7	- 2.9
LT		10.5	7.5	8.0	13.2	12.2	- 8.1
LU	41.9	48.5	47.3	49.7	49.9	53.0	6.3
HU		199.0	60.2	43.5	45.1	50.4	11.8
MT		6.6	5.9	4.1	5.4	5.9	8.4
NL	597.6	465.2	387.2	482.6	555.8	502.7	- 9.6
AT	309.4	307.9	319.4	328.6	356.1	336.0	- 5.7
PL		235.5	320.2	333.5	297.9	271.2	- 9.0
PT	257.8	206.5	161.0	223.5	153.4	95.3	- 37.9
RO		172.5	130.2	106.3	94.6	72.1	- 23.7
SI		59.3	58.0	61.1	60.2	50.1	- 16.8
SK		57.1	74.7	64.0	68.3	69.2	1.4
FI	134.6	147.9	88.3	107.3	121.2	107.2	- 11.6
SE	290.5	274.3	213.4	289.7	305.0	279.5	- 8.4
UK	2 221.7	2 439.7	1 995.0	2 030.8	1 941.3	2 044.6	5.3
HR	92.4	102.1	53.3				
MK							
TR		406.8	358.0	485.6			
IS	13.6	18.1	2.1	3.1	5.0	7.9	57.4
NO	97.4	109.9	98.7	127.8	138.3	138.0	- 0.3
CH	316.5	264.9	288.6	266.0	292.5	317.0	2.9

Note: RO: Sales.

Road: GOODS VEHICLES

NEW VEHICLE REGISTRATIONS

	LIGHT COMMERCIAL VEHICLES			COMMERCIAL VEHICLES			HEAVY COMMERCIAL VEHICLES		
	<3.5 t		CHANGE '11/'12	>3.5 t & <16 t		CHANGE '11/'12	>16 t		CHANGE '11/'12
	2011	2012		2011	2012		2011	2012	
EU-27	1596888	1476713	- 7.5						
EU-15	1491625	1382389	- 7.3	76930	72531	5.1	196336	182063	- 7.3
EU-12	105263	94324	- 10.4						
BE	64049	57020	- 11.0	2438	2146	- 13.4	7795	6805	- 12.7
BG	2927	3118	6.5						
CZ	13377	11628	- 13.1	1436	1214	- 5.7	5999	5942	- 1.0
DK	23600	24053	1.9	384	407	- 22.0	3164	3305	4.5
DE	233617	219508	- 6.0	35943	32317	4.8	60218	54534	- 9.4
EE	2435	2752	13.0	52	52	4.0	694	689	- 0.7
IE	10868	10325	- 5.0	690	681	- 22.2	807	909	12.6
EL	6357	3707	- 41.7	283	114	- 83.4	264	97	- 63.3
ES	104374	76387	- 26.8	3410	2549	- 28.7	12896	10482	- 18.7
FR	426652	381233	- 10.6	9501	9217	19.9	39864	36461	- 8.5
IT	172265	213143	23.7	6581	7030	15.3	14166	14911	5.3
CY	2596	1395	- 46.3	(¹)	(¹)		(¹)	(¹)	
LV	1755	2236	27.4	110	90	52.5	1280	1419	10.9
LT	1824	1600	- 12.3	124	122	76.8	2638	2637	0.0
LU	3592	3424	- 4.7	193	175	19.0	1153	893	- 22.5
HU	11446	10952	- 4.3	417	388	24.0	3884	3949	1.7
MT	1392	552	- 60.3	(¹)	(¹)		(¹)	(¹)	
NL	58653	56543	- 3.6	1753	1562	- 7.5	11172	10159	- 9.1
AT	32563	31505	- 3.2	899	847	6.1	6446	5745	- 10.9
PL	45511	38425	- 15.6	2550	2352	- 47.7	14555	13059	- 10.3
PT	34877	16002	- 54.1	651	318	- 57.3	2088	1571	- 24.8
RO	10531	10741	2.0	561	937	25.6	1574	2863	81.9
SI	5753	5760	0.1	173	164	- 18.4	1209	933	- 22.8
SK	5716	5165	- 9.6	596	543	7.5	3211	3103	- 3.4
FI	14346	11463	- 20.1	1085	853	- 15.6	2345	2376	1.3
SE	46280	39294	- 15.1	934	806	6.2	5018	4977	- 0.8
UK	259532	238782	- 8.0	12185	13509	21.7	28940	28838	- 0.4
IS	344	417	21.2	17	25	66.7	29	57	96.6
NO	35513	31848	- 10.3	1842	1850	19.1	3268	4013	22.8
CH	30387	32509	7.0	1205	1267	26.3	3275	2984	- 8.9

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

2.6.8

Road: BUSES AND COACHES

NEW VEHICLE REGISTRATIONS

	LIGHT BUSES & COACHES		BUSES & COACHES		HEAVY BUSES & COACHES		TOTAL		%
	<3.5 t		>3.5 t & <16 t		>16 t				
	2011	2012	2011	2012	2011	2012	2011	2012	CHANGE '11/'12
EU-27							38 192	39 411	3.2
EU-15	3 018	3 032	8 760	10 537	21 402	20 898	33 180	34 467	3.9
EU-12							5 012	4 944	- 1.3
BE	0	4	171	270	537	416	708	690	- 2.5
BG	732	690	(¹)	(¹)	(¹)	(¹)	732	690	- 5.7
CZ	0	7	165	130	554	451	719	588	- 18.2
DK	344	271	164	169	294	324	802	764	- 4.7
DE	18	27	775	986	4 249	4 126	5 042	5 139	1.9
EE	0	1	65	55	30	100	95	156	64.2
IE	99	58	25	39	58	222	182	319	75.3
EL	8	9	47	70	43	39	98	118	20.4
ES			712	613	1 961	1 371	2 673	1 984	- 25.8
FR	3		1 295	1 203	5 508	4 859	6 806	6 062	- 10.9
IT	0	12	1 878	1 754	4 030	4 591	5 908	6 357	7.6
CY	44	45	(¹)	(¹)	(¹)	(¹)	44	45	2.3
LV	1	11	170	67	16	9	187	87	- 53.5
LT	5		86	106	18	39	109	145	33.0
LU			26	10	162	149	188	159	- 15.4
HU	3	2	52	23	97	20	152	45	- 70.4
MT	6		185	0	19	9	210	9	- 95.7
NL			3	10	226	249	229	259	13.1
AT	6	4	109	118	487	610	602	732	21.6
PL	1 555	1 713	0	352			1 555	2 065	32.8
PT			151	94	187	133	338	227	- 32.8
RO	688	618	46	109	48	14	782	741	- 5.2
SI	0	2	45	59	78	33	123	94	- 23.6
SK	0		69	99	235	180	304	279	- 8.2
FI	14	17	196	258	191	264	401	539	34.4
SE	161	135	200	363	1 269	1 020	1 630	1 518	- 6.9
UK	2 365	2 495	3 008	4 580	2 200	2 525	7 573	9 600	26.8
IS	22	36	8	4	4	28	34	68	100.0
NO	6	44	401	412	938	775	1 345	1 231	- 8.5
CH	313	468	113	123	511	347	937	938	0.1

Notes: (¹) Figures included in other categories.

Road: MOTORCYCLES

NEW VEHICLE REGISTRATIONS

	thousand					%
	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27		1 334.6	1 245.2	1 103.2	941.8	- 14.6
EU-15	1 333.2	1 296.0	1 194.4	1 062.8	905.5	- 14.8
EU-12		38.6	50.7	40.4	36.4	- 10.0
BE	25.3	25.0	26.4	26.4	25.0	- 5.2
BG	1.1	4.8	6.8	4.9	4.7	- 4.1
CZ	3.9	7.6	7.2	5.4	6.1	11.8
DK	3.3	5.8	5.2	3.1	2.1	- 31.6
DE	252.6	168.7	139.0	122.3	127.0	3.8
EE	0.1	0.3	0.5	0.5	0.3	- 35.6
IE	3.8	2.4	1.4	1.1	0.8	- 25.3
EL	64.0	83.1	69.2	61.5	44.7	- 27.4
ES	72.0	205.6	134.6	135.3	119.4	- 11.7
FR	179.6	196.6	200.0	231.6	185.1	- 20.1
IT	524.6	420.5	445.6	320.4	253.6	- 20.9
CY		2.5	3.1	3.1	2.5	- 17.4
LV		0.4	0.4	0.4	0.5	8.0
LT	0.4	1.7	3.9	2.9	3.4	17.6
LU	1.3	1.3	1.6	1.6	1.3	- 16.4
HU		12.5	4.0	3.2	2.1	- 34.9
MT		0.4	0.6	0.6	0.7	31.3
NL	19.6	16.8	18.3	15.2	11.6	- 23.6
AT	23.8	19.1	23.7	21.4	22.8	6.1
PL		3.8	9.4	8.7	9.0	2.7
PT	17.7	11.2	13.5	18.9	18.9	0.1
RO		0.8	8.6	5.7	3.0	- 47.7
SI	1.2	2.5	3.8	2.7	2.1	- 19.5
SK		1.2	2.3	2.3	2.0	- 15.5
FI	5.2	9.2	8.8	9.5	5.7	- 40.1
SE	18.4	22.8	11.8	13.2	8.2	- 37.5
UK	121.9	108.1	95.2	81.3	79.1	- 2.7
HR		6.7	4.7	2.9	2.7	- 4.4
MK	0.5	0.1	4.8			
TR		227.7	138.9	106.9	191.9	79.5
IS	0.2	1.1				
NO		6.2	4.3	4.0	3.7	- 6.0
CH	50.8	45.1	34.7	33.7	37.5	11.3

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

Road: MOPEDS

NEW VEHICLE DELIVERIES

	thousand					%
	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27			<i>758.8</i>	<i>646.9</i>	<i>581.9</i>	- 10.0
EU-15	1 094.9	673.0	630.5	551.3	494.9	- 10.2
EU-12			<i>128.3</i>	<i>95.6</i>	<i>87.1</i>	- 8.9
BE	33.2	17.3	17.0	14.2	12.1	- 14.7
BG			3.8	2.9	1.7	- 41.7
CZ		8.0	4.3	2.9	2.1	- 24.9
DK	9.8	4.9	17.4	16.3	10.5	- 35.5
DE	108.7	97.3	74.7	64.9	57.4	- 11.7
EE		8.0	0.0	0.0	0.0	- 81.3
IE	3.0	0.8	0.4	0.2	0.2	- 2.4
EL	19.2	24.1	20.4	18.8	17.3	- 8.3
ES	248.6	115.1	44.0	34.2	23.3	- 32.0
FR	192.3	154.9	157.0	144.5	146.4	1.4
IT	311.8	128.3	114.4	88.4	75.4	- 14.8
CY		2.1	1.4	0.5	0.4	- 2.2
LV		0.6	0.6	1.0	1.3	38.5
LT			3.5	1.2	1.3	11.8
LU	0.5	0.5	0.6	0.7	0.9	26.5
HU			5.9	4.7	3.0	- 34.9
MT			0.8	0.2	0.2	- 2.2
NL	66.9	40.9	93.8	93.7	82.1	- 12.3
AT	21.3	27.7	26.1	24.9	23.9	- 4.0
PL		23.3	94.0	72.2	69.3	- 4.1
PT	15.0		5.7	4.6	3.8	- 18.4
RO			7.3	4.8	2.5	- 47.7
SI		3.1	4.6	3.5	3.5	- 0.5
SK		2.0	2.1	1.8	1.6	- 12.0
FI	6.4	20.9	21.1	17.9	17.3	- 3.8
SE	10.0	15.4	21.4	13.3	9.9	- 25.3
UK	48.2	24.7	16.4	14.5	14.5	- 0.4
HR		13.2	10.6	6.4	5.4	- 16.9
MK						
TR			2.4	1.5	1.5	2.0
IS						
NO		11.9	9.0	8.1	8.5	4.9
CH		3.1	9.4	8.4	9.1	9.0

Notes: CY: new and used.

Sea: EU MERCHANT FLEET

SHIPS OF 1 000 grt AND OVER

On 1 January 2011

	TOTAL FLEET CONTROLLED		NATIONAL FLAG ⁽¹⁾		FOREIGN FLAG (INCLUDING OTHER EU)		% 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	11 769	460.399	3 524	142.224	8 245	318.175		
EU-15	11 038	444.625	3 300	137.263	7 738	307.362		
EU-12	731	15.774	224	4.961	507	10.813		
BE	173	12.206	68	5.930	105	6.276	60.7	51.4
BG	34	0.490	3	0.020	31	0.470	91.2	95.9
CZ	1	0.004	-	-	1	0.004	100.0	100.0
DK	864	34.048	315	13.408	549	20.640	63.5	60.6
DE	3 757	114.712	406	17.309	3 351	97.403	89.2	84.9
EE	91	0.346	19	0.066	72	0.280	79.1	80.9
IE	42	0.371	17	0.116	25	0.255	59.5	68.7
EL	3 165	202.056	748	64.423	2 417	137.633	76.4	68.1
ES	250	4.574	106	1.302	144	3.272	57.6	71.5
FR	247	8.391	112	2.981	135	5.410	54.7	64.5
IT	762	22.868	556	16.478	206	6.390	27.0	27.9
CY	277	9.069	133	4.440	144	4.629	52.0	51.0
LV	79	1.227	5	0.015	74	1.212	93.7	98.8
LT	55	0.331	33	0.251	22	0.080	40.0	24.2
LU	16	1.098	-	-	16	1.098	100.0	100.0
HU	-	-	-	-	-	-	-	-
MT	16	0.051	14	0.045	2	0.006	12.5	11.8
NL	681	7.352	496	4.598	185	2.754	27.2	37.5
AT	7	0.048	2	0.012	5	0.036	71.4	75.0
PL	112	2.777	8	0.018	104	2.759	92.9	99.4
PT	36	0.863	21	0.082	15	0.781	41.7	90.5
RO	40	0.729	8	0.102	32	0.627	80.0	86.0
SI	25	0.746	-	-	25	0.746	100.0	100.0
SK	1	0.004	1	0.004	-	-	0.0	0.0
FI	130	1.916	80	0.806	50	1.110	38.5	57.9
SE	291	6.157	102	1.136	189	5.021	64.9	81.5
UK	617	27.965	271	8.682	346	19.283	56.1	69.0
HR	106	3.456	73	2.447	33	1.009	31.1	29.2
MK	4	0.009	-	-	4	0.009	100.0	100.0
TR	1 219	19.660	547	7.797	672	11.863	55.1	60.3
IS	19	0.112	2	0.001	17	0.111	89.5	99.1
NO	1 440	40.847	493	13.825	947	27.022	65.8	66.2
CH	152	3.938	37	1.129	115	2.809	75.7	71.3

Notes: ⁽¹⁾ Including international registers like NIS and DIS. Including vessels registered in territorial dependencies.

Russia: 1 291 ships, 18.369 mio dwt; Monaco: 73 ships, 3.853 mio dwt; Ukraine: 335 ships, 2.112 mio dwt; Gibraltar: 10 ships, 0.171 mio dwt.

Sea: WORLD MERCHANT FLEET

TOTAL CONTROLLED FLEET BY WORLD REGION

	dwt (million)					
	On 1 January:					
World region	1995	2000	2005	2009	2010	2011
Europe (*)	311.246	350.136	400.947	507.666	518.276	552.970
of which: EU-27	223.564	257.975	316.850	417.895	432.246	460.399
of which: EU-15	207.543	247.549	305.030	402.884	417.610	444.625
North America	51.024	49.413	45.414	52.244	50.539	56.033
Latin America	18.691	15.679	14.422	13.990	30.867	47.055
Asia / Oceania	246.722	292.722	361.311	497.788	532.446	560.390
Africa	6.742	7.121	5.142	5.040	6.981	7.586
Unknown	37.956	38.115	52.687	67.647	86.555	116.621
TOTAL	672.381	753.226	879.923	1144.375	1225.665	1340.655
SHARE OF EU IN TOTAL AND OF FOREIGN FLAG IN EU						
EU-27 control of total	33.2%	34.2%	36.0%	36.5%	35.3%	34.3%
EU-15 control of total	30.9%	32.9%	34.7%	35.2%	34.1%	33.2%
EU-27: Foreign flag share (**)	56.5%	68.1%	67.8%	69.4%	69.4%	69.1%
EU-15: Foreign flag share (**)	57.7%	67.7%	67.0%	69.3%	69.3%	69.1%

Note: 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 Moldova.

(**) 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 2011

	Number			dwt (thousand)		
	WORLD	EU-27	%	WORLD	EU-27	%
(ships of 1 000 gt and over)						
TOTAL FLEET	38 433	11 769	31	1340656	460 404	34
Tankers	10 294	3 093	30	520 700	179 057	34
OF WHICH:						
Oil tankers	8 345	2 561	31	471 197	166 764	35
Chemical tankers	637	123	19	6 277	1 033	16
Liquid gas tankers	1 312	409	31	43 226	11 260	26
Bulk carriers	8 242	2 245	27	527 663	150 701	29
Container ships	4 845	2 510	52	183 671	99 380	54
General cargo	12 887	3 220	25	102 576	29 040	28
OF WHICH:						
Single-deck	7 331	1 894	26	56 403	16 271	29
Multi-deck	2 675	541	20	18 483	3 759	20
Ro-Ro Cargo	804	284	35	5 940	4 036	68
Reefer	927	244	26	5 940	2 135	36
Special	1 150	257	22	15 810	2 839	18
Passenger and passenger cargo	2 165	701	32	6 046	2 227	37

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

On 1 January 2011

FLAG, NUMBERS AND GROSS TONS

	Number			gt (thousand)		
	WORLD	EU-27	%	WORLD	EU-27	%
(ships of 300 gt and over)						
TOTAL PASSENGER AND PASSENGER/CARGO SHIPS	4 131	1 265	31	34 815	15 599	45
Cargo passenger and Ro-Ro passenger ships	2 556	862	34	17 322	10 068	58
Passenger (not Ro-Ro)	1 575	403	26	17 493	5 531	32
Cruise ships* (ships of 1 000 gt and over)	298	107	36	16 606	5 568	34

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.

(*) In mid 2011. EU-27: On 1 January 2010.

Air: PASSENGER AIRCRAFT

NUMBER OF CIVIL AIRCRAFT IN SERVICE

On 31 December 2012					PASSENGER AIRCRAFT
	50 seats or fewer	51 to 150 seats	151 to 250 seats	251 seats and more	TOTAL
EU-27	414	1 303	1 742	494	3 953
EU-15	342	1 146	1 623	491	3 602
EU-12	72	157	119	3	351
BE	14	36	18	9	77
BG	9	10	14		33
CZ	7	21	13		41
DK	22	34	27	5	88
DE	21	264	273	90	648
EE	7	7	1		15
IE	4	30	340	7	381
EL	12	17	28	1	58
ES	24	95	136	45	300
FR	78	134	126	100	438
IT	4	74	130	23	231
CY		2	9		11
LV	5	23	6		34
LT	5	6			11
LU	6	10	2		18
HU	4		38		42
MT	6	6	5		17
NL	6	76	62	41	185
AT	9	57	40	7	113
PL	8	48	18	3	77
PT	13	29	43	11	96
RO	12	24	12		48
SI	7	6	1		14
SK	2	4	2		8
FI	5	46	20	15	86
SE	34	33	11	3	81
UK	90	211	367	134	802
HR		13	3		16
MK					
TR	1	43	246	36	326
IS	14	2	17		33
NO	34	79	83	3	199
CH	22	40	93		155
LI					

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 2012

	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	184	187	55	89	2 063
EU-15	142	183	52	83	1 872
EU-12	42	4	3	6	191
BE	8	20			64
BG	4	3	1		17
CZ				3	33
DK	3	11	8		72
DE	12	56		23	407
EE	1				10
IE	16	4			28
EL	5			1	26
ES	40	9	9	9	97
FR		14	15	17	137
IT	8	1	4	4	121
CY					8
LV	7				8
LT	7			1	5
LU	15	16		3	76
HU	7			1	6
MT					41
NL		11		3	26
AT				5	257
PL	15		2	1	15
PT	1		1	2	148
RO					11
SI	1	1			22
SK					15
FI		4		2	21
SE	20		1	4	40
UK	14	37	14	10	352
HR				1	2
MK					
TR		23		4	90
IS		8			
NO					12
CH	11			5	181
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	2009	2010	2011	% CHANGE '10/'11
EU-27	<i>65 715</i>		<i>47 546</i>	<i>61 491</i>	<i>59 567</i>	<i>59 269</i>	- 0.5
EU-15	<i>43 444</i>		<i>33 062</i>	<i>47 323</i>	<i>46 906</i>	<i>46 736</i>	- 0.4
EU-12	<i>22 271</i>	<i>17 460</i>	<i>14 484</i>	<i>14 168</i>	<i>12 661</i>	<i>12 533</i>	- 1.0
BE	1 727	1 670	1 518	1 341	1 341	1 266	- 5.6
BG	1 119	762	669	712	624	474	- 24.0
CZ		3 596	3 163	2 746	2 258	2 408	6.6
DK	524	415	464	538	495	332	- 32.9
DE	14 437	9 656	7 742	15 337	15 613	15 492	- 0.8
EE	300	194	170	76	81	75	- 7.4
IE	166	172	412	572	572	374	- 34.6
EL	400	244	289	301	301	301	0.0
ES	1 922	1 693	1 946	1 670	1 732	2 052	18.5
FR	7 279	7 158	7 354	6 758	6 768	6 293	- 7.0
IT	4 818	4 697	4 674	4 691	4 494	3 862	- 14.1
CY	-	-	-	-	-	-	
LV	739	433	358	196	196	202	3.1
LT	389	419	365	317	275	290	5.5
LU	97	124	145	157	104	87	- 16.3
HU	2 040	1 453	1 385	1 458	1 275	1 282	0.5
MT	-	-	-	-	-	-	
NL	2 372	1 965	2 078	2 027	2 411	2 427	0.7
AT	1 543	1 530	1 500	1 660	1 233	1 933	56.8
PL	6 801	5 293	4 723	4 590	4 421	4 179	- 5.5
PT	530	589	439	436	275	433	57.5
RO	4 515	3 440	2 186	2 649	2 229	2 117	- 5.0
SI	358	300	261	269	267	405	51.7
SK		1 570	1 204	1 155	1 035	1 101	6.4
FI	669	735	702	641	644	643	- 0.2
SE	1 350	887	622	632	213	205	- 3.8
UK	5 610		3 177	10 562	10 710	11 036	3.0
HR	563	480	377	347	284	273	- 3.9
MK	92	101	73	67	63	63	0.0
TR	897	849	735	660	673	744	10.5
IS	-	-	-	-	-	-	
NO	502	299	289	207	544	593	9.0
CH	1 254	1 528	2 198	2 265	1 745	1 752	0.4

Notes: Data relate to main railways (UIC members). Since 2010 a new split between 'Railcars' and 'trainset' has been introduced by UIC. Values in this table are obtained by summing the declared values of locomotives (diesel + electric) and railcars (diesel + electric) therefore data are not fully comparable.
 DE: includes DE-E: 1970 = 5 000, 1980 = 4 506, 1990 = 6 331.
 CS: 1970 = 4 998, 1990 = 6 010.

Rail: PASSENGER TRANSPORT VEHICLES

STOCK OF COACHES, RAILCARS AND TRAILERS

	1990	2000	2005	2009	2010	2011	% CHANGE '10/'11
EU-27			<i>98 929</i>	<i>102 320</i>	<i>102 168</i>	<i>96 549</i>	- 5.5
EU-15			<i>75 305</i>	<i>79 811</i>	<i>80 284</i>	<i>76 792</i>	- 4.3
EU-12		<i>30 818</i>	<i>23 624</i>	<i>22 509</i>	<i>21 884</i>	<i>19 757</i>	- 9.7
BE	3 286	3 494	3 251	3 412	3 412	3 290	- 3.6
BG	2 386	2 099	1 558	1 602	1 369	741	- 45.9
CZ		5 252	4 895	4 553	4 514	4 463	- 1.1
DK	1 594	1 590	1 473	1 737	1 307	767	- 41.3
DE	24 139	21 097	20 169	18 607	18 565	17 849	- 3.9
EE	596	241	183	189	189	189	0.0
IE	314	421	581	592	592	592	0.0
EL	810	505	564	793	718	718	0.0
ES	3 839	3 765	5 239	5 253	5 665	5 061	- 10.7
FR	15 748	15 656	15 879	16 524	16 890	16 842	- 0.3
IT	14 025	11 914	10 066	12 474	12 465	10 743	- 13.8
CY	-	-	-	-	-	-	
LV	1 226	702	490	491	491	491	0.0
LT	664	563	467	340	337	268	- 20.5
LU	114	149	185	187	214	210	- 1.9
HU	4 385	3 232	2 787	3 071	3 136	2 931	- 6.5
MT	-	-	-	-	-	-	
NL	2 268	2 742	852	2 531	2 824	2 854	1.1
AT	3 689	3 468	3 112	2 995	2 974	2 860	- 3.8
PL	11 928	9 761	7 725	6 945	6 926	6 691	- 3.4
PT	1 232	1 303	1 125	1 043	965	953	- 1.2
RO	6 352	6 234	3 310	3 312	3 037	2 059	- 32.2
SI	606	461	401	360	355	355	0.0
SK		2 273	1 808	1 646	1 530	1 569	2.5
FI	957	1 003	1 084	1 033	1 071	1 102	2.9
SE	1 747	1 000	791	879	871	807	- 7.3
UK			10 934	11 751	11 751	12 144	3.3
HR	1 052	720	579	523	523	519	- 0.8
MK	175	164	125	110	64	64	0.0
TR	1 443	1 415	1 312	1 313	1 342	1 347	0.4
IS	-	-	-	-	-	-	
NO	900	918	191	191	210	212	1.0
CH	4 136	3 333	4 293	4 470	4 949	4 822	- 2.6

Notes: Data relate 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	2009 (*)	2010 (*)	2011 (*)
EU-27							
EU-15	825 398						
EU-12	516 764	421 261	293 729	282 394	212 972	230 032	217 571
BE	30 332	18 790	18 782	17 375	11 612	11 612	11 612
BG	42 459	29 720	16 382	16 511	12 743	11 751	5 390
CZ		58 524	44 805	44 545	29 194	27 416	27 314
DK	4 632	2 236					
DE	366 724	189 558	237 313	158 247	113 657	108 840	106 727
EE		5 857	20 352	18 971	2 982	2 958	2 981
IE	1 830	1 856	833	926		502	502
EL	10 967	3 453	3 497	3 491		3 158	3 158
ES	37 687	26 452	25 542	23 842	12 447	14 337	13 732
FR	148 100	94 789	99 372	95 738	29 028	25 314	20 322
IT	99 728	70 115	54 598	45 730	38 500	30 331	28 493
CY	-	-	-	-	-	-	-
LV	11 085	9 146	8 706	8 871	6 043	6 038	6 126
LT	12 860	13 155	13 134	13 192	9 561	9 238	9 212
LU	2 719	2 626	3 206	3 222	3 895	3 895	3 895
HU		23 528	19 783	19 130	11 700	11 700	11 700
MT	-	-	-	-	-	-	-
NL	6 697	4 700					
AT	34 330	23 970	22 262	22 655	27 147	28 605	17 412
PL	275 582	130 116	76 785	75 164	72 725	68 151	65 102
PT	4 579	4 162	3 544	3 495		3 194	3 170
RO	166 086	117 982	64 299	65 175	46 878	72 605	69 285
SI	8 692	6 258	4 627	4 465	3 905	3 211	3 142
SK		26 975	24 856	16 370	17 241	16 964	17 319
FI	15 200	12 630	11 738	11 216	10 524	10 464	10 364
SE	27 470	17 596	13 649	13 649			
UK	34 403						
HR	13 720	9 986	7 376	7 330	5 857	6 674	6 063
MK			1 501	1 525	1 323	1 144	1 007
TR	21 941	17 872	16 004	17 499	17 607	17 773	18 200
IS	-	-	-	-	-	-	-
NO							
CH	27 104	19 894	18 917	18 339	9 142	8 794	8 289

Notes: Data relate 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	2008	2009	2010	2011	%	
								CHANGE '10/'11	CHANGE '01/'11
EU-27	75 977	56 427	45 346	38 941	34 814	31 030	30 268	- 2.5	- 44.3
EU-15	55 888	41 421	31 384	25 430	23 457	21 247	20 861	- 11.1	- 48.2
EU-12	20 089	15 006	13 962	13 511	11 357	9 783	9 407	- 17.2	- 33.0
BE	1 976	1 470	1 089	944	944	812	858	5.7	- 42.3
BG	1 567	1 012	957	1 061	901	776	657	- 15.3	- 35.0
CZ	1 291	1 486	1 286	1 076	901	802	772	- 3.7	- 42.1
DK	634	498	331	406	303	255	220	- 13.7	- 49.0
DE	11 046	7 503	5 361	4 477	4 152	3 648	4 009	9.9	- 42.5
EE	436	204	170	132	98	78	101	29.5	- 49.2
IE	478	418	400	280	239	212	186	- 12.3	- 54.9
EL	2 050	2 037	1 658	1 555	1 456	1 258	1 141	- 9.3	- 39.3
ES	9 032	5 777	4 442	3 100	2 714	2 479	2 060	- 16.9	- 62.7
FR	11 215	8 079	5 318	4 275	4 273	3 992	3 963	- 0.7	- 51.4
IT	7 151	7 061	5 818	4 731	4 237	4 090	3 860	- 5.6	- 45.6
CY	116	111	102	82	71	60	71	18.3	- 27.6
LV	947	635	442	316	254	218	179	- 17.9	- 67.9
LT	933	641	773	499	370	300	296	- 1.3	- 58.1
LU	70	76	47	35	48	32	33	3.1	- 52.9
HU	2 432	1 200	1 278	996	822	740	638	- 13.8	- 48.5
MT	4	15	17	15	21	15	21	40.0	31.3
NL	1 376	1 082	750	677	644	537	546	1.7	- 45.0
AT	1 391	976	768	679	633	552	523	- 5.3	- 45.4
PL	7 333	6 294	5 444	5 437	4 572	3 908	4 189	7.2	- 24.3
PT	2 646	1 877	1 247	885	840	937	891	- 4.9	- 46.6
RO	3 782	2 466	2 629	3 061	2 796	2 377	2 018	- 15.1	- 17.6
SI	517	314	258	214	171	138	141	2.2	- 49.3
SK	731	628	606	622	380	371	324	- 12.7	- 47.2
FI	649	396	379	344	279	272	292	7.4	- 32.6
SE	772	591	440	397	358	266	319	19.9	- 45.3
UK	5 402	3 580	3 336	2 645	2 337	1 905	1 960	2.9	- 45.5
HR	1 360	655	597	664	548	426	418	- 1.9	- 35.4
MK		162	143	162	160	162	172	6.2	60.7
TR	6 317	5 510	4 505	4 236	4 324	4 045	3 835	- 5.2	- 12.6
IS	24	32	19	12	17	8	12	50.0	- 50.0
NO	332	341	224	260	214	208	168	- 19.2	- 38.9
CH	954	592	409	357	349	328	320	- 2.4	- 41.2

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

Road Fatalities Country Rankings

FATALITIES

2011					
per million inhabitants		per 10 billion pkm		per million passenger cars	
UK	31	SE	29	UK	67
NL	33	UK	30	NL	70
SE	34	NL	38	SE	73
DK	39	IE	40	MT	87
IE	41	DK	42	ES	93
ES	45	DE	44	DE	94
DE	49	FI	44	LU	97
MT	51	FR	48	IE	98
FI	54	LU	49	FI	100
SK	60	IT	55	DK	101
EU-27	60	SI	55	IT	105
AT	62	ES	60	AT	117
FR	63	EU-27	61	FR	125
IT	64	AT	69	EU-27	126
LU	64	BE	74	SI	133
HU	64	MT	92	CY	152
SI	69	EE	95	BE	161
CZ	74	LT	97	CZ	170
EE	75	PT	105	LT	174
BE	78	EL	109	EE	179
CY	83	CZ	112	PT	189
PT	84	CY	117	SK	190
LV	87	SK	118	HU	214
BG	89	HU	119	EL	219
RO	94	PL	131	PL	237
HR	95	BG	134	BG	248
LT	98	LV	152	HR	276
EL	101	HR	159	LV	287
PL	109	RO	259	RO	466

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 2011.
pkm: indicator of traffic volume (in the absence of consistent vehicle-kilometre data); passenger-kilometres of cars indicated in table 2.3.4 for 2011 plus (mostly estimated) passenger-kilometres of motorised two-wheelers.
Inhabitants: the sum of the population indicated in table 1.5 at 1 January 2011 and 1 January 2012 divided by two.
Passenger cars: the sum of the stock of vehicles indicated in table 2.6.2 for 2010 and 2011 divided by two.

Road Fatalities BY TYPE OF USER

	YEAR	TOTAL	DRIVER	PASSENGER	PEDESTRIAN	OTHER/ NOT SPECIFIED	PEDESTRIAN AS A % OF TOTAL
BE	2011	858	623	123	111	12.9	10.7
BG	2011	657	310	199	149	22.7	22.2
CZ	2011	772	453	144	175	22.7	20.9
DK	2010	255	159	52	44	17.3	17.3
DE	2011	4009	2826	569	614	15.3	13.0
EE	2009	98	49	26	23	23.5	23.5
IE	2011	186	109	30	47	25.3	16.8
EL	2011	1 141	713	205	223	19.5	14.2
ES	2011	2 060	1 292	389	380	18.4	19.0
FR	2011	3 963	2 763	681	519	13.1	12.1
IT	2010	4 090	2 837	639	614	15.0	15.0
CY	2011	71	50	8	13	18.3	21.7
LV	2011	179	81	38	60	33.5	32.3
LT	2011	296	125	61	111	37.5	32.7
LU	2011	33	22	5	6	18.2	3.1
HU	2010	740	387	161	192	25.9	25.9
MT	2011	21	12	0	9	42.9	13.3
NL	2011	546	423	56	65	11.9	9.8
AT	2011	523	357	79	87	16.6	17.8
PL	2011	4 189	1 945	836	1 408	33.6	31.6
PT	2011	891	531	161	199	22.3	20.8
RO	2011	2 018	809	462	747	37.0	36.5
SI	2010	138	89	22	26	18.8	18.8
SK	2010	371	170	75	126	34.0	34.0
FI	2011	292	198	53	41	14.0	12.9
SE	2009	358	248	58	44	12.3	15.1
UK	2011	1 960	1 182	309	466	23.8	22.4
HR	2011	418	269	78	71	17.0	15.1

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	2011	747	455	2	15	29	127	20	68	1	30
BG	2010	582	475	3	29	0	42	6	27	0	0
CZ	2011	597	404	4	23	15	77	7	63	1	3
DK	2010	211	135	0	2	14	22	11	26	0	1
DE	2011	3 395	1986	10	88	86	708	70	399	17	31
EE	2009	75	54	2	6	0	2	3	7	0	1
IE	2010	167	129	1	2	8	17	0	5	0	5
EL	2011	919	475	4	10	51	305	34	13	25	2
ES	2011	1 679	977	4	73	99	348	73	48	25	32
FR	2011	3 444	2 062	0	67	134	786	220	141	6	28
IT	2010	3 476	1 827	9	34	31	943	203	263	25	141
CY	2011	58	38	0	0	0	14	4	2	0	0
LV	2011	117	78	2	1	1	6	5	15	8	1
LT	2009	259	183	0	2	0	30	5	30	0	9
LU	2011	27	22	0	0	0	2	1	2	0	0
HU	2010	548	330	12	11	24	49	19	92	0	11
MT	2011	21	11	2	0	1	6	0	1	0	0
NL	2011	481	209	0	2	18	50	36	144	3	19
AT	2011	436	289	0	6	5	67	18	42	6	3
PL	2011	2 781	1 897	12	138		292	87	314	26	15
PT	2011	728	367	1	14	76	116	71	45	31	7
RO	2011	1 271	780	9	25	64	69	87	140	5	92
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	2011	251	172	2	5	9	29	10	19	2	3
SE	2009	324	229	0	3	7	47	11	20	1	6
UK	2011	1 506	927	7	62	0	371	9	109	0	21
HR	2011	347	215	0	2	10	76	10	28	6	0

Note: Persons deceased within 30 days of their accident.

Road Accidents

NUMBER OF ACCIDENTS INVOLVING PERSONAL INJURY

	thousand							%
	1990	1995	2000	2005	2009	2010	2011	CHANGE '10/'11
EU-27	1 487.61	1 420.352	1 491.223	1 326.302	1 188.989	1 117.086	1 115.406	- 6.2
EU-15	1 342.80	1 269.186	1 343.887	1 165.078	1 042.087	984.044	983.683	- 5.6
EU-12	144.81	151.166	147.336	161.224	146.902	133.042	131.723	- 10.3
BE	62.45	50.744	49.065	49.307	41.944	40.569	42.050	0.3
BG	6.48	7.435	6.886	8.224	7.068	6.610	6.640	- 6.1
CZ	21.91	28.746	25.445	25.239	21.706	19.675	20.486	- 5.6
DK	9.16	8.373	7.346	5.413	4.174	3.498	3.525	- 15.5
DE	389.35	388.003	382.949	336.618	310.667	288.297	306.266	- 1.4
EE	2.10	1.644	1.504	2.341	1.506	1.347	1.485	- 1.4
IE	6.07	8.117	7.749	6.533	6.615	5.779	5.230	- 20.9
EL	19.61	22.798	23.001	16.914	14.789	15.032	13.849	- 6.4
ES	101.51	83.586	101.729	91.187	88.251	85.503	83.027	- 5.9
FR	162.57	132.949	121.223	84.525	72.315	67.288	65.024	- 10.1
IT	161.78	182.761	256.546	240.011	215.430	211.404	205.638	- 4.5
CY	3.17	3.052	2.411	1.382	1.197	1.197	1.058	- 11.6
LV	4.33	4.056	4.482	9.310	3.160	3.193	3.386	7.2
LT	5.14	4.144	5.807	6.772	3.827	3.530	3.266	- 14.7
LU	1.22	1.145	0.899	0.775	0.869	0.787	0.962	10.7
HU	27.80	19.817	17.493	20.777	17.863	16.308	15.827	- 11.4
MT	0.24	0.969	1.253	0.848	0.636	0.577	0.348	- 45.3
NL	44.89	42.641	42.271	27.007	19.378	12.457	10.778	- 44.4
AT	46.34	38.956	42.126	40.896	37.925	35.348	35.129	- 7.4
PL	50.53	56.904	57.331	48.100	44.195	38.832	40.069	- 9.3
PT	45.11	48.339	44.463	37.066	35.484	35.426	32.541	- 8.3
RO	9.71	9.119	7.889	19.819	28.612	25.995	26.647	- 6.9
SI	5.18	6.567	8.951	10.509	8.717	7.659	7.133	- 18.2
SK	8.24	8.713	7.884	7.903	8.415	8.119	5.378	- 36.1
FI	10.18	7.812	6.633	7.020	6.414	6.072	6.408	- 0.1
SE	16.98	15.626	15.770	18.094	18.027	16.504	16.116	- 10.6
UK	265.60	237.336	242.117	203.712	169.805	160.080	157.140	- 7.5
HR	14.47	12.67	14.43	15.68	15.73	13.27	13.23	- 15.9
MK	2.30	2.44	1.67	2.82	4.35	4.22	4.46	2.5
TR	55.77	66.03	75.20					
IS	0.56	1.06	0.98	0.67	0.88	0.88	0.85	- 3.3
NO	8.80	8.63	8.44	8.08	6.92	6.43	6.01	- 13.2
CH	23.83	23.03	23.74	21.71	20.51	19.61	18.99	- 7.4

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

Sources: 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	2011
EU-27					65	83	70	89	37	62	38
EU-15	165	117	91	75	51	53	44	29	20	46	18
EU-12					14	30	26	60	17	16	20
BE	0	3	4	1	0	4	9	2	2	18	0
BG			26	26	3	1	2	12	1	0	1
CZ		1	2	5	4	4	0	13	1	2	5
DK	1	3	0	0	0	0	0	0	0	0	0
DE	50	38	23	25	7	18	3	1	3	0	9
EE					0		0	0	0	0	0
IE	1	2	0	0	0	0	0	0	0	0	0
EL	0	20	0	0	0	3	0	1	0	1	0
ES	4	0	16	0	1	9	13	5	2	15	2
FR	30	15	7	6	5	12	9	10	7	2	7
IT	9	8	9	11	22	5	5	4	5	7	0
CY	-	-	-	-	-	-	-	-	-	-	
LV					0	0	0	0	1	0	0
LT			0	0	0	0	0	0	0	0	0
LU	0	0	0	0	0				0	0	0
HU	33	11	9	8	6	4	14	10	0	3	3
MT	-	-	-	-	-	-	-	-	-	-	
NL	2	0	0	0	0	1	0	1	0	0	0
AT	6	4	7	2	1	0	1	2	1	0	0
PL	21	20	11	15	0	9	9	8	8	7	10
PT	22	2	15	8	7	0	1	3	0	1	0
RO		0	0	1	1	8	0	15	4	4	0
SI		0	1	0	0	0	0	0	0	0	0
SK		0	2	2	0	4	1	2	2	0	1
FI	0	2	0	2	0	1	0	0	0	0	0
SE	3	0	0	2	0	0	0	0	0	2	0
UK	37	20	10	18	8	0	3	0	0	0	0
HR			5	5	1	0	3	0	11	1	0
MK					0	0	0	2	2	0	0
TR	17	9	8	46	10	6	1	9	7	3	1
IS	-	-	-	-	-	-	-	-	-	-	-
NO	4	32	0	0	0	1	0	0	0	0	0
CH	8	2	9	1	3	0	0	0	1	2	1

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
2012	8	0
1970–1979/yr.	312	328
1980–1989/yr.	179	128
1990–1999/yr.	51	74
2000–2009/yr.	65	78
2010–2012/yr.	5	2

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

Sea: SHIPS LOST (WORLD)

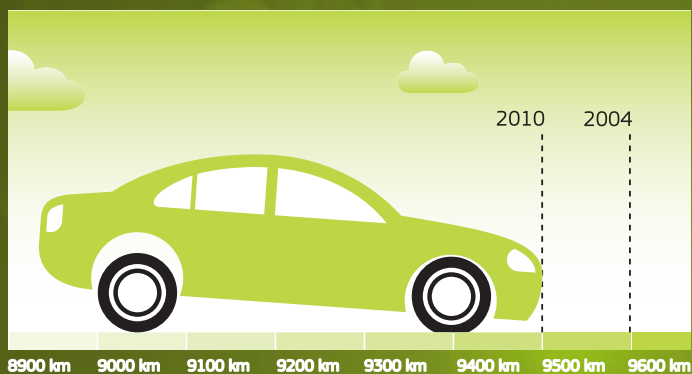
SHIPS LOST (WORLD)

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	12	35	16	431	82	375
2011	2	4	4	92	21	71

Note: Reported world total losses at time of loss; ships of 500 gt and over.
2011 values refer to mid-year.

Energy and environment

Cars are still dominant, but the pattern is changing. The average European travelled **almost 9 500 km** by car in 2010 – that is **100 km less than in 2004!**



PART 3
SUMMARY

3.1	ENERGY	111
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Glossary

Conventional thermal power:

Technology for the production of electricity by combustion. May or may not also 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 or 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.

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	US gallon	UK 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	2009	2010	2011
Production		942.75	942.93	899.53	819.29	837.49	807.21
Solid fuels		368.25	214.60	196.03	166.08	163.80	167.43
Oil		131.69	173.49	134.20	109.94	102.74	89.48
Gas		163.50	208.08	188.81	153.24	156.36	140.31
Nuclear		205.21	243.84	257.52	230.77	236.56	234.01
Renewables		70.34	96.44	115.77	148.69	166.85	162.33
Industrial waste		3.77	6.49	7.20	10.58	11.18	13.65
Net Imports		754.92	825.12	983.22	941.01	951.81	939.68
Solid fuels		80.63	97.78	124.44	110.09	110.26	118.08
Oil		535.75	532.79	600.30	557.62	560.36	548.52
Gas		135.05	192.53	257.29	267.90	275.68	266.25
Electricity		3.34	1.69	0.97	1.30	0.30	0.01
Renewables		0.16	0.34	0.21	4.10	5.19	6.75
Derived heat			0.00	0.00	0.00	0.02	0.07
Gross Inland Consumption		1 665.09	1 724.90	1 824.79	1 702.06	1 759.39	1 697.66
Solid fuels		453.24	320.79	317.17	267.83	279.56	285.46
Oil		632.93	661.38	680.02	621.96	617.48	597.87
Gas		295.92	393.93	446.00	416.95	441.97	397.57
Nuclear		205.21	243.84	257.52	230.77	236.56	234.01
Renewables		70.68	96.77	115.92	152.68	172.33	169.03
Other (**)		7.10	8.18	8.17	11.88	11.50	13.73
Elec. Generation (TWh)		2 586.28	3 025.24	3 310.64	3 203.50	3 346.23	3 279.57
Final Energy Consumption		1 076.51	1 121.48	1 191.86	1 110.14	1 152.50	1 103.26
by fuel/product							
Solid fuels		125.52	61.67	54.28	43.07	49.57	48.81
Oil		444.57	483.52	499.77	461.93	457.07	444.57
Gas		228.81	266.21	284.51	252.47	268.78	241.06
Electricity		184.90	216.59	238.18	232.01	242.66	237.97
Renewables		37.83	47.85	54.31	70.12	78.22	76.80
Derived heat & Industrial waste		54.88	45.64	60.82	50.53	56.20	54.04
by sector							
INDUSTRY		366.62	330.13	331.76	266.79	289.62	287.07
TRANSPORT		281.41	340.89	366.36	366.43	365.12	364.08
Rail		8.15	8.08	7.81	7.30	7.40	7.32
Road		235.77	279.65	299.08	300.24	299.74	297.58
International aviation		24.07	38.49	43.44	43.76	43.16	44.49
Domestic aviation		5.39	6.44	6.59	6.13	6.27	6.03
Domestic navigation		6.15	6.07	6.70	6.42	6.09	5.93
Consumption in pipeline transport, etc.		1.87	2.17	2.75	2.57	2.45	2.75
HOUSEHOLDS		273.48	292.34	303.10	294.28	307.82	272.74
AGRICULTURE		33.69	29.13	28.64	25.87	25.95	24.52
SERVICES, ETC.		121.30	128.97	162.00	156.76	163.99	154.85
CO₂ emissions (Mt) (*)		4 600.8	4 365.8	4 551.0	4 063.1	4 173.8	
Energy intensity (toe/M€'05)		204	171	165	150	152	144
CO₂ intensity (tCO₂/toe)		2.76	2.53	2.49	2.39	2.37	
Import dependency, %		44.4	46.7	52.4	53.8	52.6	53.8
RES share in transport, % (***)					4.20	4.72	

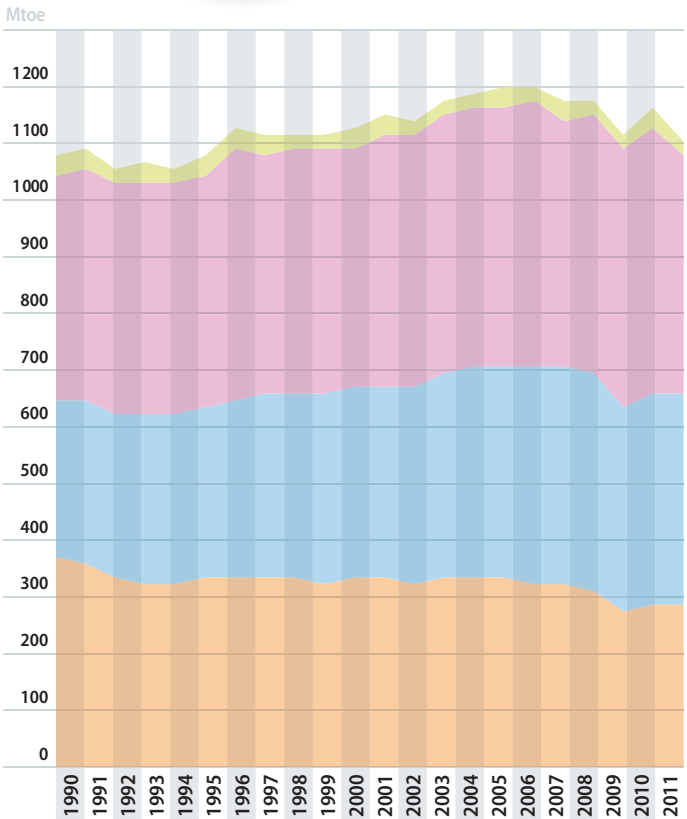
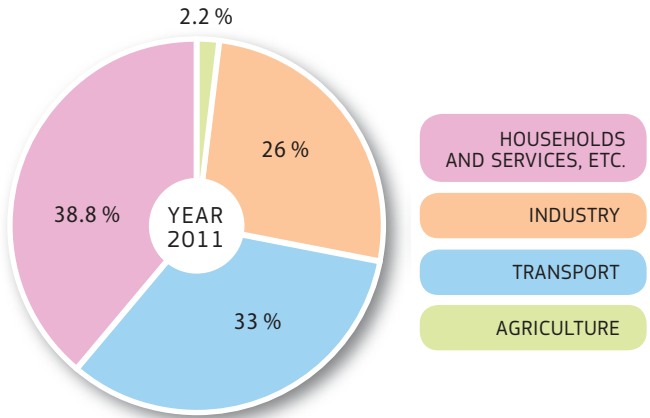
Notes: (*) Source: European Environment Agency, August 2012; including Bunkers; (**) Electrical Energy and Industrial Waste; (***) Renewables share in transport, according to the definition in the Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources .

3.1.5

Final Energy Consumption BY SECTOR 2011 (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	1103.3	287.1	364.1	297.6	7.3	50.5	5.9	2.7	452.1	272.7	24.5	154.9
Share	100.0%	26.0%	33.0%	81.7%	2.0%	13.9%	1.6%	0.8%	41.0%	60.3%	5.4%	34.3%
BE	38.9	13.3	10.7	8.9	0.2	1.5	0.2	0.0	14.9	7.4	0.8	6.7
BG	9.3	2.7	2.9	2.5	0.0	0.2		0.2	3.6	2.4	0.2	1.0
CZ	24.6	8.6	6.3	5.6	0.2	0.4	0.0	0.2	9.7	5.9	0.6	3.3
DK	14.7	2.4	5.1	3.9	0.1	0.9	0.2	0.1	7.2	4.4	0.8	2.0
DE	207.1	60.0	62.3	51.8	1.8	8.4	0.3	0.1	84.8	52.9	0.8	31.1
EE	2.8	0.6	0.8	0.7	0.0	0.0	0.0	0.0	1.5	0.9	0.1	0.4
IE	10.8	2.2	4.3	3.6	0.0	0.7	0.0	0.0	4.3	2.7	0.3	1.3
EL	18.8	3.3	7.7	6.0	0.0	1.0	0.7	0.0	7.8	5.4	0.3	2.1
ES	86.5	21.2	36.0	28.6	0.8	5.8	0.8	0.1	29.3	16.2	2.1	11.0
FR	148.1	30.4	50.1	41.6	0.9	6.6	0.5	0.4	67.6	36.9	4.3	26.4
IT	122.3	30.1	42.0	35.9	0.4	4.0	1.1	0.7	50.1	31.3	2.9	15.9
CY	1.9	0.2	1.0	0.7		0.3			0.7	0.3	0.0	0.3
LV	4.0	0.7	1.2	1.0	0.1	0.1	0.0	0.0	2.1	1.3	0.2	0.6
LT	4.7	0.9	1.5	1.4	0.1	0.1	0.0	0.0	2.2	1.5	0.1	0.6
LU	4.3	0.7	2.7	2.3	0.0	0.4			0.9	0.4	0.0	0.4
HU	16.3	2.8	4.3	3.9	0.1	0.2			9.2	5.5	0.5	3.1
MT	0.4	0.0	0.3	0.2		0.1			0.1	0.1	0.0	0.1
NL	50.7	14.2	15.3	11.3	0.2	3.6	0.2	0.0	21.2	9.8	3.3	8.2
AT	27.3	8.7	8.7	7.5	0.2	0.7	0.0	0.3	9.9	6.4	0.5	2.9
PL	64.7	16.2	17.8	16.7	0.4	0.5	0.0	0.3	30.8	19.0	3.6	8.1
PT	17.3	5.3	6.9	5.7	0.0	1.1	0.1	0.0	5.1	2.8	0.4	1.9
RO	22.6	7.1	5.2	4.5	0.3	0.2	0.1	0.0	10.3	7.9	0.4	2.0
SI	5.0	1.2	1.9	1.9	0.0	0.0		0.0	1.8	1.2	0.1	0.5
SK	10.8	4.3	2.7	2.1	0.0	0.0		0.5	3.9	2.1	0.2	1.6
FI	25.2	11.2	5.0	4.0	0.1	0.8	0.2	0.0	8.9	5.0	0.7	3.2
SE	32.2	11.1	9.1	7.8	0.2	0.9	0.1		12.0	7.0	0.5	4.5
UK	132.0	27.6	52.1	37.4	1.0	12.2	1.5	0.0	52.3	35.8	0.9	15.6
HR	6.2	1.3	2.0	1.8	0.0	0.1	0.0	0.0	2.9	1.9	0.2	0.8
MK	1.8	0.6	0.5	0.5	0.0	0.0	0.0	0.0	0.8	0.5	0.0	0.2
TR	80.9	28.8	16.0	13.5	0.2	1.5	0.7	0.2	36.1	24.1	5.4	6.6
IS												
NO	19.0	6.5	5.1	3.4	0.1	0.8	0.8	0.1	7.3	3.9	0.8	2.6
CH												

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 2011 (ktoe)

	TOTAL FINAL CONSUMPTION OF PETROL AND DIESEL FOR TRANSPORT	Motor Spirit	Gas Diesel Oil	BIOFUELS	Biogasoline	Biodiesel	Other liquid biofuels (*)
EU-27	283 580	88 704	194 876	13 958	2 892	10 644	422
BE	8 662	1 319	7 342	348	48	300	
BG	2 089	564	1 524	17		17	
CZ	5 328	1 822	3 507	300	61	239	
DK	4 041	1 463	2 578	133	49	84	
DE	48 721	19 591	29 130	2 943	771	2 057	115
EE	744	274	470				
IE	3 509	1 358	2 150	99	31	68	0
EL	5 912	3 497	2 414	106		106	
ES	28 038	5 338	22 701	1 721	225	1 496	
FR	39 597	7 531	32 066	2 437	396	2 041	
IT	32 998	9 904	23 095	1 445	144	1 301	
CY	725	405	321	16		16	
LV	992	261	730	41	8	34	
LT	1 224	259	965	45	10	35	
LU	2 275	382	1 892	42	4	38	0
HU	3 747	1 271	2 476	166	48	117	
MT	173	77	97				
NL	10 918	4 331	6 587	321	149	172	
AT	7 036	1 786	5 249	479	66	335	78
PL	14 095	4 010	10 085	934	179	536	219
PT	5 424	1 306	4 118	303		303	
RO	4 519	1 314	3 205	195	47	138	10
SI	1 846	595	1 251	35	4	31	
SK	1 931	582	1 349	172	32	140	
FI	3 949	1 523	2 426	197	88	109	
SE	7 365	3 125	4 240	418	202	216	
UK	37 721	14 814	22 906	1 045	330	715	
HR	1 824	656	1 168	4	1	3	0
MK	431	138	293	0	0	0	0
TR	11 436	1 901	9 535	16	5	11	0
IS							
NO	4 068	1 117	2 951	117	8	107	2
CH							

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

Biofuels Production BY FUEL 2011 (ktoe)

	TOTAL	Biogasoline	Biodiesel	Other liquid biofuels (*)
EU-27	11 455	1 751	8 112	1 592
BE	415	127	249	39
BG	14		14	
CZ	221	35	186	
DK	71		71	0
DE	3 660	366	2 535	759
EE				
IE	24		24	0
EL	98		98	
ES	844	235	609	
FR	2 053	428	1 625	
IT	1 137	76	528	532
CY	6		6	
LV	54	1	51	2
LT	82	12	71	
LU				
HU	142	15	127	
MT	1		1	
NL	437		434	3
AT	251	52	120	79
PL	431	97	262	72
PT	327		323	4
RO	129	35	94	
SI	0.3		0.3	
SK	169	54	115	
FI	214		201	13
SE	505	202	216	87
UK	170	15	155	
HR	7	0	7	0
MK	4	0	4	0
TR	16	5	11	0
IS				
NO	80	0	80	0
CH				

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	2008	2009	2010
EU-27	5 583.1	5 078.1	5 148.7	4 974.4	4 609.9	4 720.9
BE	143.3	146.2	143.6	136.7	125.2	132.5
BG	114.3	62.9	66.4	68.6	58.9	61.4
CZ	195.8	145.8	146.3	143.7	134.7	139.2
DK	68.6	68.1	63.7	63.6	60.7	61.1
DE	1 246.1	1 039.0	997.3	976.0	911.8	936.5
EE	40.9	17.2	18.6	19.7	16.4	20.5
IE	55.2	68.1	69.3	67.6	61.7	61.3
EL	105.0	127.1	135.7	131.3	124.7	118.3
ES	282.8	380.8	435.4	403.8	366.3	355.9
FR	559.0	564.8	567.1	537.3	514.6	522.4
IT	519.2	551.6	574.7	541.6	491.5	501.3
CY	6.5	10.1	11.1	11.4	11.1	10.8
LV	26.6	10.2	11.2	11.7	11.0	12.1
LT	49.4	19.4	22.9	24.3	20.0	20.8
LU	12.8	9.6	13.0	12.0	11.5	12.1
HU	97.3	77.3	79.5	73.3	66.9	67.7
MT	2.0	2.6	3.0	3.1	3.0	3.0
NL	212.0	213.2	211.0	204.6	198.9	210.1
AT	78.2	80.5	92.9	87.0	79.7	84.6
PL	457.4	384.7	388.9	401.3	381.8	400.9
PT	60.1	82.3	86.5	77.8	74.4	70.6
RO	253.3	140.5	148.9	146.7	123.4	121.4
SI	18.5	18.8	20.3	21.4	19.5	19.5
SK	71.8	49.3	51.2	50.1	44.2	46.0
FI	70.4	69.2	68.6	70.2	66.1	74.6
SE	72.8	69.0	67.4	63.6	59.7	66.2
UK	763.9	669.9	654.1	626.1	572.3	590.2
HR						
MK						
TR	187.0	297.0	329.9	366.5	369.6	401.9
IS	3.5	3.8	3.8	5.0	4.7	4.5
NO	49.8	53.4	53.8	53.8	51.5	53.9
CH	53.1	51.9	54.4	53.8	52.5	54.2

Notes: Emissions data are downloaded from the 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) and perfluorocarbons (PFC).

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

GHG Emissions (*) from Transport MILLION TONNES CO₂ EQUIVALENT

INCLUDING INTERNATIONAL BUNKERS

	1990	2000	2005	2008	2009	2010
EU-27	958.5	1 164.2	1 263.4	1 282.5	1 228.6	1 215.6
BE	36.9	45.4	54.8	62.9	53.5	49.5
BG	7.8	6.2	8.6	9.6	9.4	8.8
CZ	8.3	13.0	19.0	20.3	19.6	18.5
DK	15.6	19.0	18.3	19.6	17.2	17.8
DE	184.8	209.8	193.1	190.1	187.7	188.5
EE	3.2	2.1	2.7	3.2	3.0	3.1
IE	6.3	13.0	15.9	16.8	15.1	14.4
EL	26.1	34.3	34.3	36.3	37.2	34.0
ES	72.5	113.9	138.0	143.2	135.1	131.5
FR	137.8	163.7	166.2	157.7	154.7	156.2
IT	111.7	134.9	143.6	142.5	135.7	135.4
CY	2.1	3.2	3.9	4.0	3.8	3.8
LV	4.8	2.3	4.1	4.6	4.4	4.4
LT	8.5	3.8	5.0	5.9	5.0	5.2
LU	3.0	5.7	8.2	7.8	7.2	7.6
HU	8.7	9.5	12.9	13.7	13.4	12.6
MT	0.8	2.1	4.6	3.9	4.9	4.3
NL	65.5	85.6	100.4	96.8	90.7	88.6
AT	14.9	20.7	27.1	24.8	23.8	24.6
PL	23.8	30.0	37.7	48.4	48.6	51.1
PT	13.2	23.1	23.7	23.8	23.3	23.2
RO	15.7	11.8	12.9	16.5	16.2	15.8
SI	2.8	3.8	4.6	6.5	5.5	5.4
SK	5.2	4.3	6.4	6.9	6.3	6.8
FI	15.6	16.0	16.7	16.7	15.3	15.9
SE	22.9	26.7	30.2	30.3	29.8	29.7
UK	139.9	160.2	170.6	169.6	162.3	159.3
HR						
MK						
TR	26.3	35.5	41.3	50.2	49.5	46.3
IS	0.9	1.3	1.4	1.6	1.4	1.5
NO	13.2	16.4	17.1	17.9	17.3	17.9
CH	17.8	20.6	19.4	21.0	20.6	20.8

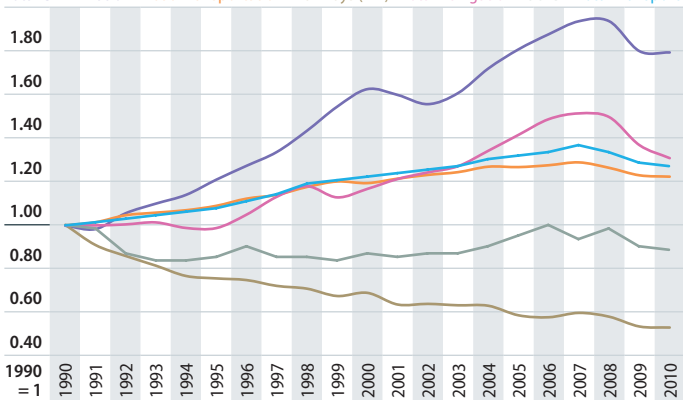
Notes: (*) Excluding LULUCF (Land Use, Land-Use Change and Forestry) emissions.

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	83.9	14.1	69.8	718.2	13.9	131.2	17.9	113.3	11.3	958.5	5766.2
1991	82.5	13.7	68.8	727.9	12.6	131.2	18.2	112.9	11.1	965.2	5666.9
1992	88.5	14.1	74.5	751.0	11.9	131.8	18.5	113.3	9.9	993.1	5470.7
1993	92.2	13.5	78.7	759.5	11.3	133.0	17.9	115.1	9.5	1005.5	5377.5
1994	95.6	13.7	81.9	767.4	10.6	129.6	18.1	111.6	9.5	1012.7	5351.9
1995	101.4	14.7	86.7	781.7	10.5	129.5	17.3	112.2	9.6	1032.7	5411.6
1996	106.7	16.1	90.7	805.0	10.4	137.6	17.8	119.8	10.1	1069.8	5531.8
1997	112.0	17.2	94.8	817.4	10.0	148.2	18.0	130.2	9.6	1097.2	5452.6
1998	120.2	17.8	102.3	843.0	9.8	154.6	19.0	135.6	9.7	1137.3	5422.9
1999	129.4	19.4	110.1	860.9	9.3	147.9	19.2	128.8	9.5	1157.1	5313.9
2000	136.2	19.9	116.3	855.6	9.5	153.0	17.6	135.4	9.8	1164.2	5329.8
2001	133.9	19.2	114.7	870.2	8.8	158.9	18.0	140.9	9.7	1181.5	5386.8
2002	130.4	18.4	112.0	882.4	8.8	162.9	18.0	144.9	9.7	1194.2	5343.0
2003	134.7	18.1	116.6	891.4	8.8	166.6	18.2	148.4	9.8	1211.2	5437.2
2004	144.1	18.6	125.5	909.1	8.7	175.8	18.5	157.3	10.2	1247.9	5460.7
2005	151.4	19.1	132.4	907.8	8.1	185.3	18.6	166.7	10.8	1263.4	5447.8
2006	157.2	19.1	138.1	913.8	8.0	194.7	18.6	176.1	11.2	1285.0	5446.5
2007	162.2	19.6	142.7	923.1	8.3	198.2	18.8	179.3	10.5	1302.2	5401.0
2008	162.2	19.0	143.2	905.3	8.0	195.9	18.5	177.4	11.0	1282.5	5295.0
2009	150.7	17.8	133.0	881.1	7.4	179.2	19.0	160.2	10.2	1228.6	4903.0
2010	150.2	17.4	132.9	876.6	7.4	171.4	19.3	152.1	10.0	1215.6	5005.8

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

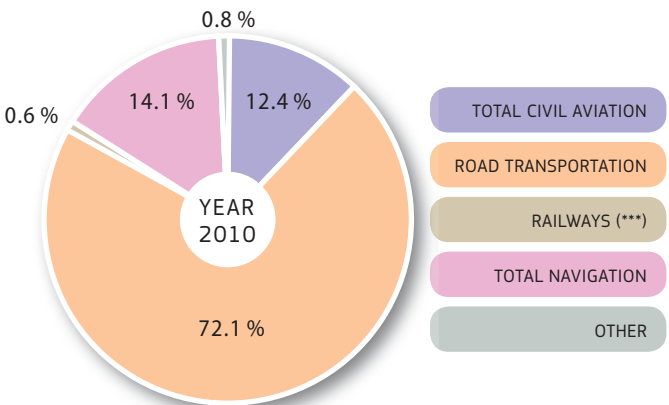


Notes: (*) Excluding international bunkers (international traffic departing from the EU);
(**) Including international bunkers but excluding LULUCF; (***) Excluding indirect emissions from electricity consumption; (****) Combustion emissions from all remaining transport activities including pipeline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

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

INCLUDING INTERNATIONAL BUNKERS

	TOTAL CIVIL AVIATION	Civil Aviation (domestic) (*)	International Bunkers – Aviation	ROAD TRANSPORTATION	RAILWAYS (***)	TOTAL NAVIGATION	Navigation (domestic) (*)	International Bunkers – Maritime Transport	OTHER TRANSPORT (****)	TOTAL TRANSPORT (*****)	TOTAL EMISSIONS (**)
1990	8.8	16.8	83.2	74.9	1.4	13.7	13.6	86.4	1.2	16.6	100
1991	8.5	16.6	83.4	75.4	1.3	13.6	13.9	86.1	1.1	17.0	100
1992	8.9	15.9	84.1	75.6	1.2	13.3	14.0	86.0	1.0	18.2	100
1993	9.2	14.7	85.3	75.5	1.1	13.2	13.4	86.6	0.9	18.7	100
1994	9.4	14.3	85.7	75.8	1.0	12.8	13.9	86.1	0.9	18.9	100
1995	9.8	14.5	85.5	75.7	1.0	12.5	13.4	86.6	0.9	19.1	100
1996	10.0	15.1	84.9	75.2	1.0	12.9	12.9	87.1	0.9	19.3	100
1997	10.2	15.4	84.6	74.5	0.9	13.5	12.1	87.9	0.9	20.1	100
1998	10.6	14.8	85.2	74.1	0.9	13.6	12.3	87.7	0.9	21.0	100
1999	11.2	15.0	85.0	74.4	0.8	12.8	12.9	87.1	0.8	21.8	100
2000	11.7	14.6	85.4	73.5	0.8	13.1	11.5	88.5	0.8	21.8	100
2001	11.3	14.4	85.6	73.6	0.7	13.4	11.3	88.7	0.8	21.9	100
2002	10.9	14.1	85.9	73.9	0.7	13.6	11.0	89.0	0.8	22.4	100
2003	11.1	13.4	86.6	73.6	0.7	13.8	10.9	89.1	0.8	22.3	100
2004	11.5	12.9	87.1	72.8	0.7	14.1	10.5	89.5	0.8	22.9	100
2005	12.0	12.6	87.4	71.8	0.6	14.7	10.0	90.0	0.9	23.2	100
2006	12.2	12.2	87.8	71.1	0.6	15.2	9.5	90.5	0.9	23.6	100
2007	12.5	12.1	87.9	70.9	0.6	15.2	9.5	90.5	0.8	24.1	100
2008	12.6	11.7	88.3	70.6	0.6	15.3	9.4	90.6	0.9	24.2	100
2009	12.3	11.8	88.2	71.7	0.6	14.6	10.6	89.4	0.8	25.1	100
2010	12.4	11.6	88.4	72.1	0.6	14.1	11.3	88.7	0.8	24.3	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.

3.2.4

GHG Emissions from Transport – 2010

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	150.2	17.4	132.9	876.6	7.4	171.4	19.3	152.1	10.0	1215.6	5005.8
BE	4.2	0.0	4.2	23.5	0.1	21.5	0.5	21.0	0.2	49.5	157.7
BG	0.6	0.0	0.5	7.5	0.1	0.4		0.4	0.3	8.8	62.3
CZ	1.0	0.0	1.0	17.0	0.3	0.0	0.0		0.2	18.5	140.2
DK	2.6	0.2	2.4	12.2	0.2	2.7	0.6	2.1		17.8	65.6
DE	26.8	2.0	24.8	146.8	0.9	9.7	0.8	9.0	4.2	188.5	970.3
EE	0.1	0.0	0.1	2.1	0.2	0.7	0.0	0.7		3.1	21.3
IE	2.4	0.0	2.3	11.1	0.1	0.6	0.2	0.4	0.2	14.4	64.1
EL	3.4	1.3	2.1	19.2	0.1	11.3	2.4	8.9	0.0	34.0	129.3
ES	16.7	3.5	13.2	83.9	0.3	30.5	3.6	26.9	0.2	131.5	396.0
FR	20.7	4.6	16.1	125.3	0.5	9.2	1.3	7.9	0.6	156.2	546.4
IT	11.9	2.3	9.5	110.0	0.2	12.2	5.2	7.1	1.1	135.4	517.9
CY	0.9		0.9	2.3		0.6		0.6		3.8	12.3
LV	0.4	0.0	0.4	3.0	0.2	0.9	0.0	0.8	0.0	4.4	13.3
LT	0.1	0.0	0.1	4.1	0.2	0.5	0.0	0.5	0.2	5.2	21.4
LU	1.3	0.0	1.3	6.3	0.0	0.0	0.0	0.0		7.6	13.4
HU	0.7		0.7	11.6	0.3	0.0	0.0			12.6	68.4
MT	0.3	0.0	0.3	0.5		3.4	0.0	3.4		4.3	6.7
NL	10.2	0.0	10.2	34.2	0.1	44.0	0.6	43.4		88.6	263.6
AT	2.1	0.1	2.1	21.9	0.2	0.0	0.0	0.0	0.3	24.6	86.7
PL	1.7	0.1	1.6	47.2	0.4	0.8	0.0	0.8	1.2	51.1	403.2
PT	3.0	0.4	2.6	18.3	0.0	1.9	0.2	1.6		23.2	74.9
RO	0.8	0.3	0.5	14.1	0.4	0.4	0.2	0.1	0.0	15.8	122.0
SI	0.1	0.0	0.1	5.2	0.0	0.1		0.1		5.4	19.7
SK	0.1	0.0	0.1	6.5	0.1	0.0	0.0	0.0	0.0	6.8	46.1
FI	1.9	0.3	1.7	12.0	0.1	1.2	0.6	0.7	0.6	15.9	76.9
SE	2.6	0.5	2.1	19.1	0.1	7.6	0.7	6.8	0.3	29.7	75.1
UK	33.5	1.6	31.9	111.7	2.2	11.3	2.4	9.0	0.5	159.3	631.1
HR											
MK											
TR	3.5	3.0	0.4	40.0	0.5	2.4	1.7	0.8		46.3	403.1
IS	0.4	0.0	0.4	0.8		0.2	0.0	0.2		1.5	5.1
NO	2.4	1.1	1.3	10.1	0.0	3.6	2.2	1.4	1.7	17.9	56.6
CH	4.4	0.1	4.3	16.1	0.0	0.2	0.1	0.0	0.0	20.8	58.6

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

(**) Including international bunkers but excluding LULUCF.

GHG Emissions from Transport – 2010 BY MODE (SHARE %)

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	12.4	11.6	88.4	72.1	0.6	14.1	11.3	88.7	0.8	24.3	100
BE	8.6	0.2	99.8	47.4	0.2	43.4	2.3	97.7	0.4	31.4	100
BG	6.3	8.4	91.6	85.0	0.8	4.3		100.0	3.7	14.2	100
CZ	5.7	0.9	99.1	91.8	1.6	0.1	100.0		0.8	13.2	100
DK	14.6	6.1	93.9	68.7	1.4	15.3	22.2	77.8		27.1	100
DE	14.2	7.5	92.5	77.9	0.5	5.2	7.8	92.2	2.2	19.4	100
EE	3.8	1.6	98.4	67.6	5.1	23.5	3.3	96.7		14.4	100
IE	16.6	1.7	98.3	77.0	1.0	4.4	31.7	68.3	1.2	22.4	100
EL	10.1	38.5	61.5	56.5	0.2	33.2	21.4	78.6	0.0	26.3	100
ES	12.7	21.2	78.8	63.8	0.2	23.2	11.7	88.3	0.1	33.2	100
FR	13.2	22.1	77.9	80.2	0.3	5.9	13.9	86.1	0.4	28.6	100
IT	8.8	19.7	80.3	81.2	0.2	9.0	42.1	57.9	0.8	26.2	100
CY	23.0		100.0	61.5		15.5		100.0		30.6	100
LV	8.2	0.1	99.9	67.1	5.3	19.4	2.9	97.1	0.0	33.3	100
LT	2.9	1.1	98.9	79.7	3.6	9.3	3.6	96.4	4.5	24.2	100
LU	17.1	0.0	100.0	82.7	0.2	0.0	92.9	7.1		56.7	100
HU	5.4		100.0	92.4	2.1	0.0	100.0			18.4	100
MT	7.6	0.2	99.8	12.4		80.0	1.4	98.6		63.4	100
NL	11.6	0.4	99.6	38.7	0.1	49.6	1.4	98.6		33.6	100
AT	8.7	3.0	97.0	89.1	0.7	0.2	25.0	75.0	1.3	28.3	100
PL	3.3	5.5	94.5	92.2	0.7	1.5	0.2	99.8	2.3	12.7	100
PT	13.1	13.3	86.7	78.7	0.2	8.0	12.3	87.7		31.0	100
RO	5.3	40.1	59.9	89.6	2.8	2.2	58.5	41.5	0.2	12.9	100
SI	1.4	2.2	97.8	96.6	0.8	1.2		100.0		27.5	100
SK	1.6	5.5	94.5	96.3	1.5	0.6	0.1	99.9	0.0	14.7	100
FI	12.1	13.3	86.7	75.4	0.6	7.8	46.3	53.7	4.1	20.7	100
SE	8.7	18.5	81.5	64.5	0.2	25.5	9.8	90.2	1.1	39.5	100
UK	21.0	4.9	95.1	70.1	1.4	7.1	20.9	79.1	0.3	25.2	100
HR											
MK											
TR	7.5	87.4	12.6	86.2	1.0	5.3	69.1	30.9		11.5	100
IS	27.4	5.3	94.7	57.6		15.0	16.1	83.9		28.7	100
NO	13.5	45.6	54.4	56.5	0.2	20.0	60.6	39.4	9.7	31.5	100
CH	21.3	2.8	97.2	77.5	0.2	0.7	78.2	21.8	0.2	35.4	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	2008	2009	2010
EU-27	4 419.8	4 116.8	4 254.7	4 108.3	3 772.7	3 891.3
BE	118.8	124.9	125.3	120.1	108.6	115.1
BG	83.4	47.6	51.9	54.5	45.6	48.0
CZ	165.1	125.9	127.1	123.7	115.8	119.9
DK	52.8	53.7	51.0	50.7	48.4	48.8
DE	1 042.2	891.6	866.0	846.5	784.3	819.0
EE	36.6	15.1	16.4	17.4	14.2	18.2
IE	32.3	44.6	47.7	47.0	41.6	41.3
EL	83.3	103.2	113.4	110.7	104.5	97.5
ES	225.8	306.6	366.7	335.0	297.2	284.5
FR	395.0	411.0	422.6	392.7	374.6	382.5
IT	435.0	462.5	488.2	464.0	415.4	426.1
CY	4.9	7.1	7.9	8.6	8.4	8.1
LV	19.1	7.1	7.8	8.2	7.4	8.5
LT	36.6	12.1	14.2	15.1	12.9	13.8
LU	11.9	8.6	12.0	11.1	10.5	11.1
HU	72.5	58.7	60.7	56.3	50.6	51.4
MT	1.9	2.3	2.7	2.7	2.6	2.6
NL	159.2	169.9	175.9	175.2	169.9	181.2
AT	62.1	66.0	79.7	73.9	67.2	72.3
PL	373.5	316.1	317.9	326.6	312.2	332.1
PT	44.3	64.7	68.6	60.1	56.8	52.6
RO	188.6	100.5	108.4	108.4	88.5	87.1
SI	14.8	15.2	16.7	18.0	16.0	16.1
SK	60.7	41.4	42.7	41.2	36.0	38.0
FI	56.6	56.8	56.5	58.1	55.2	63.7
SE	56.9	54.1	53.3	50.1	46.7	52.9
UK	586.0	549.4	553.7	532.4	481.4	499.1
HR						
MK						
TR	141.4	225.4	259.6	297.1	299.1	326.5
IS	2.2	2.8	2.8	3.6	3.5	3.4
NO	34.8	41.7	43.1	44.4	42.9	45.5
CH	44.6	44.0	46.4	45.5	44.3	46.0

Notes: Emissions data are downloaded from the 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.

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

CO₂ Emissions from Transport MILLION TONNES

INCLUDING INTERNATIONAL BUNKERS

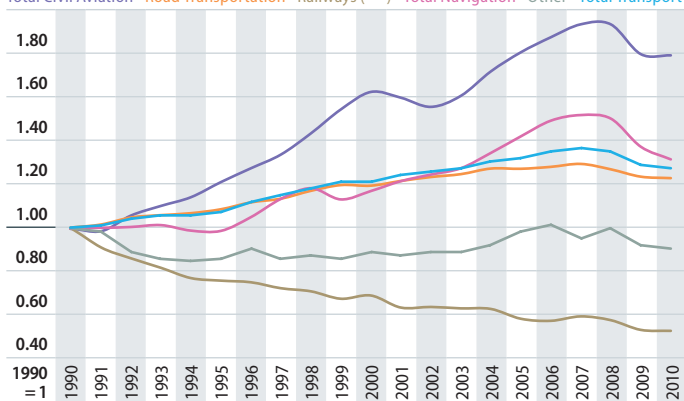
	1990	2000	2005	2008	2009	2010
EU-27	943.0	1 146.0	1 247.5	1 267.1	1 214.1	1 201.1
BE	36.5	44.8	54.2	62.6	53.3	49.2
BG	7.5	5.9	8.5	9.4	9.2	8.7
CZ	8.1	12.5	18.2	19.5	18.8	17.7
DK	15.4	18.7	18.1	19.3	16.9	17.6
DE	182.3	207.5	191.4	188.4	186.0	186.7
EE	3.1	2.0	2.7	3.2	2.9	3.0
IE	6.1	12.8	15.7	16.7	14.9	14.2
EL	25.0	32.9	33.2	35.2	36.2	33.3
ES	71.5	112.0	136.6	141.7	133.7	130.1
FR	135.8	161.6	164.1	155.8	153.0	154.4
IT	109.8	132.3	141.9	140.8	134.1	133.8
CY	2.1	3.2	3.9	3.9	3.8	3.7
LV	4.6	2.2	4.0	4.5	4.3	4.3
LT	8.2	3.7	4.9	5.8	4.9	5.1
LU	3.0	5.6	8.1	7.7	7.1	7.5
HU	8.5	9.2	12.5	13.3	12.9	12.2
MT	0.8	2.1	4.6	3.9	4.8	4.2
NL	64.9	84.8	99.6	96.1	90.1	87.9
AT	14.7	20.3	26.7	24.5	23.5	24.3
PL	23.4	29.6	37.2	47.7	47.8	50.4
PT	13.0	22.8	23.4	23.5	23.1	22.9
RO	15.5	11.6	12.6	16.1	15.8	15.1
SI	2.7	3.7	4.5	6.4	5.4	5.3
SK	5.0	4.2	6.3	6.8	6.2	6.7
FI	15.3	15.7	16.4	16.5	15.1	15.7
SE	22.5	26.3	29.8	30.0	29.4	29.3
UK	137.7	157.9	168.6	167.9	160.7	157.7
HR						
MK						
TR	26.0	35.0	40.5	49.4	48.7	45.6
IS	0.9	1.3	1.3	1.6	1.4	1.4
NO	13.0	16.1	16.8	17.6	16.9	17.5
CH	17.5	20.4	19.2	20.8	20.4	20.6

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	83.1	14.0	69.1	706.4	13.3	129.4	17.6	111.8	10.8	943.0	4 600.8
1991	81.6	13.5	68.1	716.1	12.1	129.2	17.9	111.4	10.7	949.7	4 544.7
1992	87.6	13.9	73.7	738.8	11.4	129.7	18.1	111.6	9.6	977.1	4 385.5
1993	91.3	13.4	77.9	746.4	10.8	130.8	17.5	113.3	9.2	988.6	4 315.0
1994	94.6	13.6	81.1	752.7	10.2	127.6	17.7	109.8	9.2	994.2	4 293.1
1995	100.4	14.5	85.9	765.4	10.0	127.4	17.0	110.4	9.3	1 012.5	4 345.4
1996	105.7	15.9	89.8	787.5	9.9	135.6	17.5	118.1	9.8	1 048.6	4 458.1
1997	110.9	17.0	93.9	799.5	9.6	146.4	17.7	128.7	9.3	1 075.7	4 389.6
1998	119.0	17.6	101.4	824.8	9.4	152.8	18.6	134.1	9.4	1 115.4	4 396.4
1999	128.2	19.1	109.0	843.3	8.9	146.1	18.8	127.3	9.3	1 135.8	4 329.2
2000	134.8	19.7	115.2	841.4	9.1	151.1	17.3	133.8	9.6	1 146.0	4 365.8
2001	132.6	19.0	113.6	856.6	8.4	156.9	17.7	139.3	9.4	1 164.0	4 443.0
2002	129.1	18.2	111.0	869.3	8.4	160.8	17.6	143.2	9.5	1 177.2	4 415.2
2003	133.4	17.9	115.5	878.5	8.3	164.6	17.9	146.7	9.6	1 194.4	4 521.3
2004	142.7	18.4	124.3	896.5	8.3	173.7	18.2	155.5	10.0	1 231.2	4 553.0
2005	150.0	18.9	131.1	895.8	7.7	183.5	18.3	165.2	10.5	1 247.5	4 551.0
2006	155.7	18.9	136.8	902.0	7.6	192.8	18.2	174.6	10.9	1 269.1	4 566.1
2007	160.7	19.4	141.3	911.5	7.8	196.1	18.5	177.7	10.2	1 286.4	4 522.6
2008	160.6	18.8	141.8	894.0	7.6	194.0	18.1	175.9	10.8	1 267.1	4 426.0
2009	149.3	17.6	131.7	870.4	7.0	177.3	18.6	158.7	10.0	1 214.1	4 063.1
2010	148.8	17.2	131.6	865.7	7.0	169.8	19.0	150.9	9.8	1 201.1	4 173.8

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

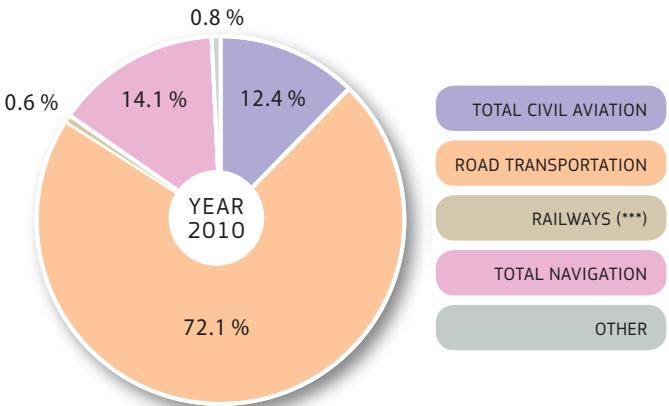


Notes: (*) Excluding international bunkers (international traffic departing from the EU);
 (**) Including international bunkers but excluding LULUCF;
 (***) Excluding indirect emissions from electricity consumption;
 (****) Combustion emissions from all remaining transport activities including pipeline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

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

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	16.8	83.2	74.9	1.4	13.7	13.6	86.4	1.1	20.5	100
1991	8.6	16.6	83.4	75.4	1.3	13.6	13.8	86.2	1.1	20.9	100
1992	9.0	15.9	84.1	75.6	1.2	13.3	14.0	86.0	1.0	22.3	100
1993	9.2	14.7	85.3	75.5	1.1	13.2	13.4	86.6	0.9	22.9	100
1994	9.5	14.3	85.7	75.7	1.0	12.8	13.9	86.1	0.9	23.2	100
1995	9.9	14.5	85.5	75.6	1.0	12.6	13.3	86.7	0.9	23.3	100
1996	10.1	15.1	84.9	75.1	0.9	12.9	12.9	87.1	0.9	23.5	100
1997	10.3	15.3	84.7	74.3	0.9	13.6	12.1	87.9	0.9	24.5	100
1998	10.7	14.8	85.2	73.9	0.8	13.7	12.2	87.8	0.8	25.4	100
1999	11.3	14.9	85.1	74.2	0.8	12.9	12.9	87.1	0.8	26.2	100
2000	11.8	14.6	85.4	73.4	0.8	13.2	11.4	88.6	0.8	26.3	100
2001	11.4	14.4	85.6	73.6	0.7	13.5	11.3	88.7	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	11.2	13.4	86.6	73.6	0.7	13.8	10.9	89.1	0.8	26.4	100
2004	11.6	12.9	87.1	72.8	0.7	14.1	10.5	89.5	0.8	27.0	100
2005	12.0	12.6	87.4	71.8	0.6	14.7	10.0	90.0	0.8	27.4	100
2006	12.3	12.2	87.8	71.1	0.6	15.2	9.4	90.6	0.9	27.8	100
2007	12.5	12.0	88.0	70.9	0.6	15.2	9.4	90.6	0.8	28.4	100
2008	12.7	11.7	88.3	70.6	0.6	15.3	9.4	90.6	0.9	28.6	100
2009	12.3	11.8	88.2	71.7	0.6	14.6	10.5	89.5	0.8	29.9	100
2010	12.4	11.6	88.4	72.1	0.6	14.1	11.2	88.8	0.8	28.8	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.

3.2.8

CO₂ Emissions from Transport – 2010

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	148.8	17.2	131.6	865.7	7.0	169.8	19.0	150.9	9.8	1201.1	4173.8
BE	4.2	0.0	4.2	23.2	0.1	21.4	0.5	21.0	0.2	49.2	140.3
BG	0.5	0.0	0.5	7.4	0.1	0.3		0.3	0.3	8.7	48.8
CZ	1.0	0.0	1.0	16.3	0.3	0.0	0.0		0.2	17.7	120.9
DK	2.6	0.2	2.4	12.1	0.2	2.7	0.6	2.1		17.6	53.3
DE	26.5	2.0	24.6	145.4	0.9	9.6	0.8	8.9	4.1	186.7	852.4
EE	0.1	0.0	0.1	2.1	0.2	0.7	0.0	0.7		3.0	19.0
IE	2.4	0.0	2.3	11.0	0.1	0.6	0.2	0.4	0.2	14.2	44.0
EL	3.4	1.3	2.1	18.9	0.1	10.9	2.3	8.6	0.0	33.3	108.2
ES	16.6	3.5	13.1	82.9	0.3	30.2	3.5	26.7	0.2	130.1	324.2
FR	20.4	4.5	15.9	123.8	0.5	9.1	1.2	7.9	0.5	154.4	406.3
IT	11.8	2.3	9.4	108.7	0.2	12.1	5.1	7.0	1.1	133.8	442.5
CY	0.9		0.9	2.3		0.6		0.6		3.7	9.5
LV	0.4	0.0	0.4	2.9	0.2	0.8	0.0	0.8		4.3	9.6
LT	0.1	0.0	0.1	4.1	0.2	0.5	0.0	0.5	0.2	5.1	14.5
LU	1.3	0.0	1.3	6.2	0.0	0.0	0.0	0.0		7.5	12.4
HU	0.7		0.7	11.2	0.3	0.0	0.0			12.2	52.1
MT	0.3	0.0	0.3	0.5		3.4	0.0	3.3		4.2	6.3
NL	10.2	0.0	10.2	33.8	0.1	43.8	0.6	43.2		87.9	234.6
AT	2.1	0.1	2.0	21.7	0.1	0.0	0.0	0.0	0.3	24.3	74.4
PL	1.7	0.1	1.6	46.5	0.4	0.8	0.0	0.8	1.1	50.4	334.4
PT	3.0	0.4	2.6	18.0	0.0	1.8	0.2	1.6		22.9	56.8
RO	0.8	0.3	0.5	13.5	0.4	0.3	0.2	0.1	0.0	15.1	87.8
SI	0.1	0.0	0.1	5.1	0.0	0.1		0.1		5.3	16.3
SK	0.1	0.0	0.1	6.5	0.1	0.0	0.0	0.0	0.0	6.7	38.2
FI	1.9	0.3	1.7	11.8	0.1	1.2	0.6	0.7	0.6	15.7	66.0
SE	2.5	0.5	2.1	19.0	0.1	7.4	0.7	6.7	0.3	29.3	61.7
UK	33.2	1.6	31.6	110.8	2.0	11.2	2.3	8.9	0.4	157.7	539.6
HR											
MK											
TR	3.4	3.0	0.4	39.3	0.5	2.4	1.7	0.8		45.6	327.7
IS	0.4	0.0	0.4	0.8		0.2	0.0	0.2		1.4	4.0
NO	2.4	1.1	1.3	10.0	0.0	3.5	2.1	1.4	1.6	17.5	48.1
CH	4.4	0.1	4.3	15.9	0.0	0.1	0.1	0.0	0.0	20.6	50.2

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

CO₂ Emissions from Transport – 2010 BY MODE (SHARE %)

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	12.4	11.6	88.4	72.1	0.6	14.1	11.2	88.8	0.8	28.8	100
BE	8.6	0.2	99.8	47.2	0.2	43.6	2.2	97.8	0.4	35.1	100
BG	6.3	8.4	91.6	85.6	0.7	3.7		100.0	3.7	17.8	100
CZ	5.7	0.9	99.1	91.8	1.6	0.1	100.0		0.9	14.7	100
DK	14.6	6.0	94.0	68.8	1.4	15.2	22.2	77.8		33.0	100
DE	14.2	7.5	92.5	77.9	0.5	5.2	7.9	92.1	2.2	21.9	100
EE	3.8	1.6	98.4	67.5	5.1	23.6	3.3	96.7		16.0	100
IE	16.6	1.7	98.3	77.0	0.9	4.4	31.5	68.5	1.2	32.3	100
EL	10.2	38.5	61.5	56.8	0.2	32.8	20.9	79.1	0.0	30.8	100
ES	12.7	21.2	78.8	63.7	0.2	23.2	11.7	88.3	0.1	40.1	100
FR	13.2	22.1	77.9	80.2	0.3	5.9	13.7	86.3	0.3	38.0	100
IT	8.8	19.7	80.3	81.2	0.1	9.0	42.1	57.9	0.8	30.2	100
CY	22.9		100.0	61.5		15.6		100.0		39.3	100
LV	8.3	0.1	99.9	67.9	4.8	19.0	2.7	97.3		44.9	100
LT	2.9	1.1	98.9	79.9	3.6	9.4	3.6	96.4	4.2	35.3	100
LU	17.1	0.0	100.0	82.7	0.1	0.0	92.9	7.1		60.7	100
HU	5.6		100.0	92.2	2.2	0.0	100.0			23.4	100
MT	7.6	0.2	99.8	12.3		80.1	1.4	98.6		67.0	100
NL	11.6	0.4	99.6	38.4	0.1	49.9	1.4	98.6		37.5	100
AT	8.7	3.0	97.0	89.2	0.6	0.2	26.3	73.7	1.3	32.7	100
PL	3.3	5.5	94.5	92.3	0.7	1.5	0.2	99.8	2.2	15.1	100
PT	13.1	13.2	86.8	78.7	0.2	8.0	12.3	87.7		40.4	100
RO	5.4	40.0	60.0	89.3	2.9	2.1	55.4	44.6	0.2	17.2	100
SI	1.4	2.2	97.8	96.8	0.7	1.1		100.0		32.7	100
SK	1.6	5.3	94.7	96.5	1.3	0.5	0.1	99.9	0.0	17.5	100
FI	12.2	13.3	86.7	75.4	0.6	7.8	46.2	53.8	4.0	23.7	100
SE	8.6	18.4	81.6	64.7	0.2	25.4	9.8	90.2	1.0	47.5	100
UK	21.1	4.9	95.1	70.3	1.3	7.1	20.8	79.2	0.3	29.2	100
HR											
MK											
TR	7.5	87.4	12.6	86.1	1.0	5.3	69.1	30.9		13.9	100
IS	28.0	5.3	94.7	56.7		15.3	16.1	83.9		35.8	100
NO	13.7	45.6	54.4	57.3	0.2	19.9	60.1	39.9	8.9	36.3	100
CH	21.3	2.8	97.2	77.6	0.2	0.7	78.1	21.9	0.2	40.9	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
2012		7	0	1 000
2011		5	1	2 000
2010		4	4	12 000
2009		7	1	2 000
2008		8	1	3 000
2007		13	4	19 000
2006		13	5	23 000
2005		22	3	18 000
2004		17	5	16 000
2003		19	4	43 000
2002		12	3	67 000
2001		17	3	8 000
2000		21	4	14 000
1990–1999	(avge per year)	28	8	113 500
1980–1989	(avge per year)	36	9	117 600
1970–1979	(avge per year)	54	25	321 800

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	100 000
Urquiola	1976	La Coruna, Spain	100 000
Independenta	1979	Bosphorus, Turkey	95 000
Jakob Maersk	1975	Oporto, Portugal	88 000
Braer	1993	Shetland Islands, United Kingdom	85 000
Aegean Sea	2002	La Coruna, Spain	74 000
Sea Empress	1992	Milford Haven, United Kingdom	72 000
Prestige	1996	Cape Finistere, Spain	63 000
Erika	1999	Brittany, France	20 000

Notes

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European Commission

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