



European
Commission

EU transport in figures

STATISTICAL
POCKETBOOK
2015

Transport

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 28 Member States and, as far as possible, the current EU candidate countries and the EFTA countries.

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

The publication consists of 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, and, finally,
- (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 2013; 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
EUR, €	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
PPS	Purchasing Power Standards
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-28) (ALSO EEA MEMBERS)

	EU MEMBER STATE SINCE:		
AT	Austria	1995	EU-15
BE	Belgium	1958	EU-15
BG	Bulgaria	2007	EU-13
CY	Cyprus	2004	EU-13
CZ	Czech Republic	2004	EU-13
DE	Germany	1958	EU-15
DK	Denmark	1973	EU-15
EE	Estonia	2004	EU-13
EL	Greece	1981	EU-15
ES	Spain	1986	EU-15
FI	Finland	1995	EU-15
FR	France	1958	EU-15
HR	Croatia	2013	EU-13
HU	Hungary	2004	EU-13
IE	Ireland	1973	EU-15
IT	Italy	1958	EU-15
LT	Lithuania	2004	EU-13
LU	Luxembourg	1958	EU-15
LV	Latvia	2004	EU-13
MT	Malta	2004	EU-13
NL	Netherlands	1958	EU-15
PL	Poland	2004	EU-13
PT	Portugal	1986	EU-15
RO	Romania	2007	EU-13
SE	Sweden	1995	EU-15
SI	Slovenia	2004	EU-13
SK	Slovak Republic	2004	EU-13
UK	United Kingdom	1973	EU-15

OTHER EUROPEAN ECONOMIC AREA (EEA) AND IN EFTA

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

OTHER EUROPEAN FREE TRADE ASSOCIATION (EFTA) COUNTRIES

CH	Switzerland	EFTA: 1960
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EUROPEAN UNION CANDIDATE COUNTRIES

AL	Albania
ME	Montenegro
MK	The former Yugoslav Republic of Macedonia
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. Croatia joined EEA in 2014. The former GDR is always included in DE; unification on 3.10.1990.

PART 1

General data

PART 1 SUMMARY

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General Data

	AREA	POPULATION	GDP (NOMINAL)	GDP PER HEAD IN PPS	
	1 000 km ²	million	billion EUR	EU-28 = 100	
	on 1/1/2014		2013	2012	2013
EU-28	4 381.4	505.489	13 528.5	100	100
BE	30.5	11.204	395.3	118	118
BG	111.0	7.246	41.0	45	44
CZ	78.9	10.512	157.3	82	82
DK	43.1	5.627	252.9	125	124
DE	357.1	80.780	2 809.5	124	124
EE	45.2	1.316	18.7	71	73
IE	70.3	4.604	174.8	129	129
EL	132.0	10.993	182.4	74	73
ES	506.0	46.508	1 049.2	94	94
FR	544.0	63.929	2 113.7	107	106
HR	56.6	4.247	43.6	60	60
IT	301.3	60.783	1 618.9	102	100
CY	9.3	0.858	18.1	93	88
LV	64.6	2.001	23.3	60	64
LT	65.3	2.943	35.0	69	73
LU	2.6	0.550	45.3	263	257
HU	93.0	9.879	100.5	64	66
MT	0.3	0.425	7.5	84	86
NL	41.5	16.829	642.9	132	131
AT	83.9	8.508	322.6	128	127
PL	312.7	38.496	396.0	65	67
PT	92.1	10.427	171.2	76	79
RO	238.4	19.943	144.3	53	54
SI	20.3	2.061	36.1	81	82
SK	49.0	5.416	73.6	73	75
FI	338.4	5.451	201.3	115	112
SE	450.3	9.645	436.3	125	126
UK	243.8	64.308	2 017.2	107	108
AL	28.7	2.896	9.7		
ME	13.8	0.624	3.3		
MK	25.7	2.066	8.1	34	35
RS	88.4	7.147	34.3	37	37
TR	785.3	76.668	617.8		
IS	103.0	0.326	11.5	116	116
NO	323.8	5.109	393.1	189	189
CH	41.3	8.137	516.1	160	160

Notes: CY: area refers to the whole island. FR: area and population only cover mainland France ('France métropolitaine'). The four 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 4 470.2 thousand km², its total population on 1 January 2014 was 507.4 million. Data on GDP has been updated according to the new ESA2010 methodology when available, unless for AL, ME and TR which are based on national sources or according to the previous ESA95.

Growth in GDP and Industrial Production compared to the previous year

	GROWTH IN GDP Real growth				GROWTH IN INDUSTRIAL PRODUCTION (excluding construction)			
	% CHANGE				% CHANGE			
	2010	2011	2012	2013	2010	2011	2012	2013
EU-28	2.1	1.7	-0.4	0.0	6.8	3.1	-2.2	-0.5
BE	2.5	1.6	0.1	0.3	11.2	4.4	-3.3	0.8
BG	0.7	2.0	0.5	1.1	2.0	5.9	-0.2	0.0
CZ	2.3	2.0	-0.8	-0.7	8.2	5.9	-0.8	0.2
DK	1.6	1.2	-0.7	-0.5	1.7	2.1	-0.1	0.8
DE	4.1	3.6	0.4	0.1	11.0	7.2	-0.4	0.2
EE	2.5	8.3	4.7	1.6	23.0	19.6	1.4	3.0
IE	-0.3	2.8	-0.3	0.2	7.6	-0.4	-1.4	-2.2
EL	-5.4	-8.9	-6.6	-3.9	-6.6	-5.9	-2.1	-3.2
ES	0.0	-0.6	-2.1	-1.2	0.8	-1.7	-6.9	-1.7
FR	2.0	2.1	0.3	0.3	5.1	2.3	-2.7	-0.6
HR	-1.7	-0.3	-2.2	-0.9	-1.5	-1.2	-5.4	-1.9
IT	1.7	0.6	-2.3	-1.9	6.8	1.2	-6.4	-3.1
CY	1.4	0.3	-2.4	-5.4	-1.7	-7.8	-9.6	-12.6
LV	-2.9	5.0	4.8	4.2	14.5	8.8	6.1	-0.3
LT	1.6	6.1	3.8	3.3	6.1	6.5	3.6	3.5
LU	5.1	2.6	-0.2	2.0	8.7	2.0	-4.3	-3.3
HU	0.8	1.8	-1.5	1.5	10.3	5.6	-1.4	1.5
MT	3.5	2.2	2.5	2.5	8.7	-0.5	5.4	-5.3
NL	1.1	1.7	-1.6	-0.7	7.7	-0.7	-0.6	0.6
AT	1.9	3.1	0.9	0.2	6.7	6.8	-0.3	0.8
PL	3.7	4.8	1.8	1.7	11.7	6.8	1.4	2.4
PT	1.9	-1.8	-3.3	-1.4	1.6	-1.0	-6.1	0.5
RO	-0.8	1.1	0.6	3.4	3.8	7.8	2.4	7.8
SI	1.2	0.6	-2.6	-1.0	7.0	2.1	-0.5	-1.4
SK	4.8	2.7	1.6	1.4	8.0	5.4	7.6	5.3
FI	3.0	2.6	-1.5	-1.2	5.2	2.1	-1.6	-3.5
SE	6.0	2.7	-0.3	1.3	8.8	2.5	-1.2	-4.6
UK	1.9	1.6	0.7	1.7	3.1	-0.6	-3.0	-0.2
AL	3.7	2.5	1.6	1.4	19.9	-10.2	16.6	-13.1
ME	2.5	3.2	-2.5	3.3	17.8	-10.3	-7.0	10.6
MK	2.9	2.8	-0.4	2.9	-4.8	6.9	-2.8	3.2
RS	0.6	1.4	-1.0	2.6	1.0	2.5	-2.2	5.8
TR	9.2	8.8	2.1	4.1	12.6	9.5	2.5	3.4
IS	-2.9	2.1	1.1	3.5	12.9	12.1	4.5	-4.0
NO	0.6	1.0	2.7	0.7	-5.4	-4.5	2.8	-5.0
CH	3.0	1.8	1.1	1.9	7.2	2.7	2.3	0.8

Notes: Industrial production: includes NACE Rev. 2 Sections B, C and D.
Data adjusted by working days. Data has been extracted on 20/01/15.
Growth GDP section: data for the 28 member states, RS, IS, NO and CH is provided according to the new ESA2010 methodology, while MK and ME according to ESA95. AL, TR and ME (2013) from national sources.
Growth industrial production section: data for the 28 member states, NO, TR, RS and MK provided by Eurostat. IS estimated by OECD. AL provided by UNECE. ME from national source.

Sources: Eurostat, UNECE, OECD, national sources, provisional or estimated data from Eurostat in *italics*

Employment and Unemployment

	EMPLOYMENT RATE				UNEMPLOYMENT RATE			
	%				%			
	2010	2011	2012	2013	2010	2011	2012	2013
EU-28	64.0	64.1	64.1	64.1	9.6	9.6	10.5	10.8
BE	62.0	61.9	61.8	61.8	8.3	7.2	7.6	8.4
BG	59.7	58.4	58.8	59.5	10.3	11.3	12.3	13.0
CZ	65.0	65.7	66.5	67.7	7.3	6.7	7.0	7.0
DK	73.3	73.1	72.6	72.5	7.5	7.6	7.5	7.0
DE	71.1	72.7	73.0	73.5	7.0	5.8	5.4	5.2
EE	61.2	65.3	67.1	68.5	16.7	12.3	10.0	8.6
IE	59.6	58.9	58.8	60.5	13.9	14.7	14.7	13.1
EL	59.1	55.1	50.8	48.8	12.7	17.9	24.5	27.5
ES	58.8	58.0	55.8	54.8	19.9	21.4	24.8	26.1
FR	63.9	63.9	63.9	64.1	9.3	9.2	9.8	10.3
HR	54.0	52.4	50.7	52.5	12.3	13.9	16.1	17.3
IT	56.9	56.9	56.8	55.6	8.4	8.4	10.7	12.2
CY	68.9	67.6	64.6	61.7	6.3	7.9	11.9	15.9
LV	58.5	60.8	63.0	65.0	19.5	16.2	15.0	11.9
LT	57.6	60.2	62.0	63.7	17.8	15.4	13.4	11.8
LU	65.2	64.6	65.8	65.7	4.6	4.8	5.1	5.9
HU	55.4	55.8	57.2	58.4	11.2	11.0	11.0	10.2
MT	56.2	57.9	59.1	60.8	6.9	6.4	6.3	6.4
NL	74.7	74.9	75.1	74.3	4.5	4.4	5.3	6.7
AT	71.7	72.1	72.5	72.3	4.4	4.2	4.3	4.9
PL	58.9	59.3	59.7	60.0	9.7	9.7	10.1	10.3
PT	65.3	63.8	61.4	60.6	12.0	12.9	15.8	16.4
RO	58.8	58.5	59.5	59.7	7.0	7.2	6.8	7.1
SI	66.2	64.4	64.1	63.3	7.3	8.2	8.9	10.1
SK	58.8	59.3	59.7	59.9	14.5	13.7	14.0	14.2
FI	68.1	69.0	69.4	68.9	8.4	7.8	7.7	8.2
SE	72.1	73.6	73.8	74.4	8.6	7.8	8.0	8.0
UK	69.5	69.5	70.1	70.5	7.8	8.1	7.9	7.6
AL	53.5	58.7	56.3	50.2	13.6	13.3	13.4	15.6
ME	50.1	46.5	47.5	47.7	19.7	19.7	19.7	19.5
MK	43.5	43.9	44.0	46.0	32.0	31.4	31.0	29.0
RS	48.4	45.4	45.2	47.3	19.2	23.0	23.9	22.1
TR	46.3	48.4	48.9	49.5	11.1	9.1	8.4	9.0
IS	78.2	78.5	79.7	81.1	7.6	7.1	6.0	5.4
NO	75.3	75.3	75.7	75.4	3.6	3.3	3.2	3.5
CH	78.6	79.3	79.4	79.6	4.5	4.0	4.2	4.4

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).

Sources: Eurostat, UNECE. AL: national source for employment rate

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
	2013			2013		
EU-28	1.7	24.6	73.7	5.0	22.1	72.9
BE	0.8	22.5	76.7	1.3	18.6	80.1
BG	5.5	27.9	66.6	19.2	25.1	55.7
CZ	2.6	36.7	60.7	3.3	36.8	60.0
DK	1.4	22.9	75.8	2.7	17.3	80.0
DE	0.9	30.7	68.4	1.5	24.7	73.8
EE	3.6	28.9	67.5	4.1	29.3	66.6
IE	1.6	24.1	74.3	5.7	18.3	76.0
EL	3.8	13.8	82.4	12.6	14.4	73.0
ES	2.8	23.3	73.9	4.1	18.1	77.8
FR	1.7	19.8	78.5	2.8	18.0	79.2
HR	4.3	26.5	69.3	10.8	28.0	61.2
IT	2.3	23.3	74.4	3.6	24.3	72.0
CY	2.5	11.5	86.0	3.9	16.0	80.1
LV	3.6	23.3	73.1	7.6	24.0	68.4
LT	3.8	30.7	65.5	8.4	25.5	66.1
LU	0.3	12.2	87.5	1.2	19.8	79.0
HU	4.4	30.2	65.4	7.1	27.3	65.7
MT	1.5	17.3	81.2	1.8	20.6	77.6
NL	2.0	22.2	75.9	2.3	15.1	82.6
AT	1.4	28.2	70.3	4.4	23.3	72.4
PL	3.3	33.2	63.5	12.0	30.3	57.8
PT	2.3	21.1	76.7	11.0	21.7	67.3
RO	6.2	34.4	59.4	30.2	27.9	42.0
SI	2.1	32.0	65.8	8.4	29.4	62.2
SK	4.0	33.2	62.7	3.4	31.2	65.4
FI	2.7	26.9	70.5	4.5	22.9	72.6
SE	1.4	25.9	72.7	2.2	20.8	77.0
UK	0.7	20.1	79.2	1.2	16.0	82.9
AL	22.6	27.1	50.3			
ME	9.8	18.8	71.4	4.5	17.8	77.7
MK	11.0	24.5	64.4	24.2	27.0	48.8
RS	9.4	31.7	59.0	21.3	25.9	52.8
TR	8.4	26.7	65.0	23.6	26.4	50.0
IS	7.7	24.4	67.9	4.6	18.9	76.6
NO	1.6	39.8	58.7	2.5	20.6	76.9
CH	0.7	25.7	73.6	3.5	22.3	74.2

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, ME based on ISIC rev. 4. Preliminary or estimated data for EL, ES, CY, NL, PT, RO, CH, MK. Share of employment: based on NACE 2 classification, except for TR, ME, IS, CH, RS based on ISIC rev. 4. Preliminary or estimated data for EL, ES, BG, NL, PT, RO, CH, MK.

Sources: Eurostat, UNECE, national sources (AL, IS)

Population

	AT 1 JANUARY							change '13/'14
	million							
	1990	1995	2000	2005	2010	2013	2014	
EU-28	475.161	481.659	485.271	492.965	501.486	503.756	505.489	0.3
BE	9.948	10.131	10.239	10.446	10.840	11.162	11.204	0.4
BG	8.767	8.427	8.191	7.761	7.422	7.285	7.246	-0.5
CZ	10.362	10.333	10.278	10.199	10.462	10.516	10.512	0.0
DK	5.135	5.216	5.330	5.411	5.535	5.603	5.627	0.4
DE	79.113	81.539	82.163	82.501	81.802	80.524	80.780	0.3
EE	1.571	1.448	1.401	1.359	1.333	1.320	1.316	-0.3
IE	3.507	3.598	3.778	4.112	4.549	4.591	4.604	0.3
EL	10.121	10.595	10.904	11.074	11.184	11.063	10.993	-0.6
ES	38.826	39.343	40.050	43.296	46.487	46.728	46.508	-0.5
FR	56.577	57.753	58.858	60.963	62.765	63.660	63.929	0.4
HR	4.773	4.659	4.498	4.311	4.303	4.262	4.247	-0.4
IT	56.694	56.844	56.924	57.875	59.190	59.685	60.783	1.8
CY	0.573	0.645	0.690	0.733	0.819	0.866	0.858	-0.9
LV	2.668	2.501	2.382	2.250	2.121	2.024	2.001	-1.1
LT	3.694	3.643	3.512	3.355	3.142	2.972	2.943	-1.0
LU	0.379	0.406	0.434	0.461	0.502	0.537	0.550	2.4
HU	10.375	10.337	10.222	10.098	10.014	9.909	9.879	-0.3
MT	0.352	0.369	0.380	0.403	0.414	0.421	0.425	1.0
NL	14.893	15.424	15.864	16.306	16.575	16.780	16.829	0.3
AT	7.645	7.943	8.002	8.201	8.352	8.452	8.508	0.7
PL	38.038	38.581	38.263	38.174	38.167	38.533	38.496	-0.1
PT	9.996	10.009	10.249	10.495	10.573	10.487	10.427	-0.6
RO	23.211	22.712	22.455	21.382	20.295	20.020	19.943	-0.4
SI	1.996	1.989	1.988	1.998	2.047	2.059	2.061	0.1
SK	5.288	5.356	5.399	5.373	5.390	5.411	5.416	0.1
FI	4.974	5.099	5.171	5.237	5.351	5.427	5.451	0.5
SE	8.527	8.816	8.861	9.011	9.341	9.556	9.645	0.9
UK	57.157	57.943	58.785	60.182	62.510	63.905	64.308	0.6
AL	3.287	3.249	3.058	3.135		2.899	2.896	-0.1
ME			0.612	0.623	0.618	0.623	0.624	0.3
MK	1.873	1.957	2.022	2.035	2.053	2.062	2.066	0.2
RS			7.528	7.456	7.307	7.182	7.147	-0.5
TR	55.495	61.204	66.889	71.610	72.561	75.627	76.668	1.4
IS	0.254	0.267	0.279	0.294	0.318	0.322	0.326	1.2
LI	0.028	0.031	0.032	0.035	0.036	0.037	0.037	0.8
NO	4.233	4.348	4.478	4.606	4.858	5.051	5.109	1.1
CH	6.674	7.019	7.164	7.415	7.786	8.039	8.137	1.2

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).

Source: Eurostat

Member States External Trade of Goods IMPORTS

YEAR 2013 (VALUE = billion EUR)

	IMPORTS FROM:								
	WORLD	EU-28	EXTRA-EU-28	OF WHICH:					
			CANDIDATE 5	EFTA	USA	JAPAN	RUSSIA	CHINA	
EU-28	4 455.851	2 771.023	1 684.829	61.049	188.523	196.149	56.602	206.913	280.088
BE	340.093	225.908	114.185	3.381	10.249	23.691	7.138	9.992	12.999
BG	25.829	15.423	10.405	2.061	0.214	0.197	0.066	4.782	0.767
CZ	108.621	83.457	25.164	0.941	0.949	1.513	1.028	5.383	6.281
DK	72.728	50.931	21.797	0.747	6.021	1.568	0.271	0.950	4.838
DE	897.187	578.806	318.382	13.378	57.471	36.720	14.481	39.127	57.583
EE	13.684	11.310	2.375	0.048	0.214	0.133	0.027	0.809	0.572
IE	49.584	34.991	14.593	0.210	1.926	4.931	0.773	0.141	2.041
EL	46.808	22.126	24.682	1.578	0.613	0.504	0.120	6.606	2.194
ES	256.455	141.695	114.760	3.822	5.135	8.647	1.815	8.103	14.419
FR	513.114	347.738	165.376	5.438	17.601	26.660	4.817	10.263	24.603
HR	16.581	11.090	5.491	0.583	0.225	0.279	0.091	1.069	0.956
IT	361.002	200.168	160.834	8.193	12.219	11.535	2.566	20.197	23.071
CY	4.754	3.350	1.404	0.008	0.066	0.043	0.026	0.053	0.202
LV	13.451	10.762	2.690	0.072	0.147	0.083	0.012	1.087	0.342
LT	26.208	15.809	10.399	0.130	0.205	0.308	0.026	7.368	0.565
LU	20.087	15.866	4.221	0.034	0.173	1.666	0.170	0.002	1.282
HU	75.379	54.060	21.319	1.150	0.366	1.326	0.924	6.395	5.169
MT	4.625	3.285	1.340	0.094	0.112	0.127	0.047	0.008	0.136
NL	444.015	205.614	238.402	3.131	20.478	28.958	10.006	28.974	53.375
AT	138.000	105.723	32.277	1.777	8.178	2.843	0.745	3.069	4.485
PL	156.319	107.822	48.497	1.471	2.968	2.847	0.975	18.654	8.469
PT	56.906	40.959	15.947	0.552	0.415	0.843	0.238	1.000	1.370
RO	55.280	41.866	13.414	2.215	0.572	0.626	0.218	2.372	1.972
SI	25.129	17.604	7.525	1.444	0.313	0.455	0.109	0.464	1.018
SK	61.543	45.727	15.815	0.598	0.337	0.256	0.302	6.064	2.468
FI	58.407	38.704	19.702	0.232	1.447	1.349	0.287	10.485	1.759
SE	120.254	82.649	37.605	1.028	11.024	3.291	1.296	5.528	6.171
UK	493.808	257.580	236.228	6.733	28.885	34.751	8.033	7.965	40.981

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

Member States External Trade of Goods EXPORTS

YEAR 2013 (VALUE = billion EUR)

	EXPORTS TO:								
	WORLD	EU-28	EXTRA-EU-28	OF WHICH:					
			CANDIDATE 5	EFTA	USA	JAPAN	RUSSIA	CHINA	
EU-28	4 579.096	2 842.505	1 736.591	94.131	222.354	289.462	54.016	119.458	148.154
BE	352.956	247.572	105.383	4.911	6.843	18.036	3.479	5.114	7.230
BG	22.272	13.351	8.921	2.808	0.195	0.304	0.028	0.583	0.651
CZ	122.185	99.119	23.066	2.147	2.557	2.660	0.656	4.474	1.446
DK	82.905	52.569	30.337	0.765	6.492	5.267	1.461	1.562	2.578
DE	1 093.160	623.719	469.441	23.709	55.757	89.622	17.221	35.789	67.153
EE	12.311	8.730	3.581	0.168	0.514	0.359	0.065	1.419	0.099
IE	86.105	48.996	37.109	0.491	5.476	18.219	1.684	0.633	1.408
EL	27.559	12.837	14.722	4.655	0.162	0.934	0.046	0.406	0.419
ES	239.314	150.517	88.798	5.073	5.196	8.758	2.253	2.813	3.942
FR	437.439	259.827	177.613	6.705	14.705	27.216	6.878	7.721	14.813
HR	9.531	5.899	3.632	0.767	0.158	0.244	0.044	0.282	0.057
IT	390.233	209.829	180.404	13.236	22.095	27.047	6.023	10.772	9.843
CY	1.520	0.881	0.640	0.005	0.020	0.054	0.001	0.024	0.033
LV	10.893	7.236	3.657	0.137	0.316	0.120	0.045	1.760	0.086
LT	24.545	13.612	10.932	0.145	0.599	0.682	0.035	4.869	0.088
LU	13.880	11.245	2.635	0.331	0.690	0.353	0.056	0.156	0.197
HU	80.945	63.004	17.941	2.792	0.927	2.095	0.376	2.526	1.435
MT	2.738	1.229	1.509	0.018	0.026	0.156	0.128	0.036	0.047
NL	505.651	382.559	123.093	5.726	10.641	17.581	3.380	7.956	8.628
AT	131.885	92.433	39.452	2.021	7.600	6.691	1.230	4.308	2.772
PL	154.344	115.755	38.588	3.024	4.390	3.628	0.506	8.113	1.589
PT	47.266	33.235	14.032	0.396	0.539	1.999	0.139	0.263	0.658
RO	49.571	34.506	15.065	3.207	0.866	0.826	0.233	1.382	0.499
SI	25.615	19.170	6.445	1.409	0.361	0.371	0.040	1.190	0.169
SK	64.566	53.557	11.009	1.439	1.212	1.161	0.135	2.555	1.596
FI	56.048	30.979	25.069	0.717	2.415	3.561	0.994	5.359	2.766
SE	126.297	72.915	53.382	1.661	15.240	7.852	1.702	2.728	4.571
UK	407.363	177.226	230.137	5.668	56.360	43.666	5.176	4.667	13.381

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

Comparison EU-28 – World

GENERAL DATA

DATA FOR 2013

	EU-28	USA	JAPAN	CHINA	RUSSIA
Population million	506.52	316.13	127.34	1357.38	143.50
Population growth % change since previous year	0.3	0.7	-0.2	0.5	0.2
Urban population % of total	74	81	92	53	74
Area 1 000 km ²	4470	9629	378	9597	17075
Population density Persons/km ²	113	33	337	141	8
GDP (nominal) billion EUR	13 529	12 629	3 705	6 959	1 579
Real GDP growth %	0.0	2.2	1.6	7.7	1.3
Relative GDP per capita in PPP (EU-28 = 100)	100	149	103	34	68
Exports of goods billion EUR	1 737	1 200	523	1 617	394
Imports of goods billion EUR	1 685	1 728	591	1 352	257

Notes: EU-28: area, population: including French overseas departments.
EU-28: trade: only extra-EU trade.

PART 2

Transport

PART 2 SUMMARY

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Statistical Overview EU Transport

Gross Value Added:

With around €562 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-28 in 2012 ⁽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 2013, the transport and storage services sector (including postal and courier activities) in the EU-28 employed around 11 million persons ⁽²⁾, some 5.1% of the total workforce ⁽³⁾. Around 53% of them worked in land transport (road, rail and pipelines), 3% in water transport (sea and inland waterways), 4% in air transport and 25% 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 2013, it is estimated that private households in the EU-28 spent €961 billion or roughly 12.8% of their total consumption on transport-related items. Close to 26% of this sum (around €248 billion) was used to purchase vehicles, more than half (€520 billion) was spent on the operation of personal transport equipment (e.g. to buy fuel for the car) and the rest (€193 billion) was spent for transport services (e.g. bus, train, plane tickets).

Goods transport:

In 2013 total goods transport activities in the EU-28 are estimated to amount to 3481 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 49.4% of this total, rail for 11.7%, inland waterways for 4.4% and oil pipelines for 3.2%. Intra-EU maritime transport was the second most important mode with a share of 31.3% while intra-EU air transport only accounted for 0.1% of the total.

Passenger transport:

In 2013, total passenger transport activities in the EU-28 by any motorized means of transport are estimated to amount to 6465 billion pkm or on average around 12700 km per person. This figure includes intra-EU air and sea transport but not transport activities between the EU and the rest of the world. Passenger cars accounted for 72.3% of this total, powered two-wheelers for 1.9%, buses & coaches for 8.1%, railways for 6.6% and tram and metro for 1.5%. Intra-EU air and intra-EU maritime transport contributed for 9% and 0.6% respectively.

Notes: ⁽¹⁾ It is estimated that the transport share amounts of 4.4% 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 Eurostat Labour Force Survey.

⁽³⁾ 4.3% of total employment if postal and courier activities are not included.

Statistical Overview EU Transport

Safety:

Road: 25 938 persons were killed in road accidents (fatalities within 30 days) in 2013, 7.8% fewer than in 2012 (when 28 143 people lost their lives). In comparison with 2001, the number of road fatalities was lower by more than half (-52.8%).

Rail: 97 passengers lost their lives in 2013; this figure does not include casualties among railway employees or other people run over by trains.

Air: 120 lives were lost in 2013.

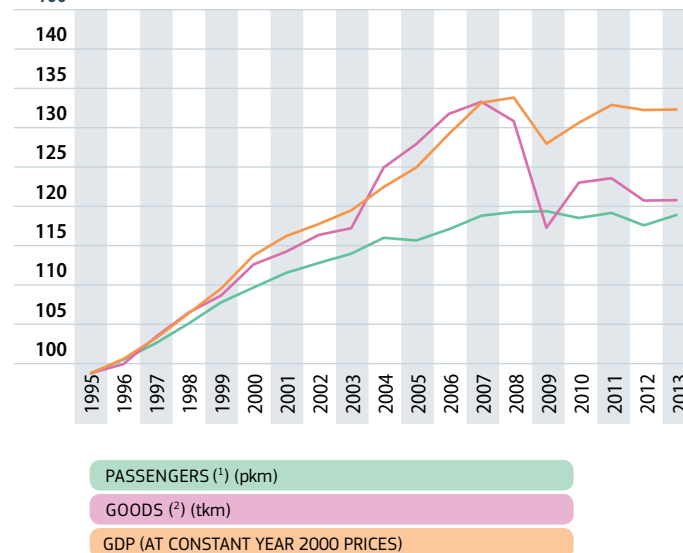
Transport Growth EU-28

YEAR

1995

= 100

PASSENGERS, GOODS, GDP 1995–2013



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 2005 prices and exchange rates.

ANNUAL GROWTH RATES EU-28

	1995–2013 p.a.	2000–2013 p.a.	2012–2013
GDP at year 2000 prices and exchange rates	1.6%	1.2%	0.0%
Passenger transport (pkm)	1.0%	0.6%	1.1%
Freight transport (tkm)	1.1%	0.5%	0.1%

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
HR	50	90-110	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
FI	40-50	80-100	100-120	0.5
SE	50	70	110	0.2
UK	32-48	96-112	112	0.8
AL	40	80-90	110	0.5
ME	50	80-100	130	0.5
MK	60	80-100	120	0.5
RS	50	80-100	120	0.3
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 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 05h to 23h, 60 km/h from 23h to 05h.

Blood alcohol limits:

In many countries, special (more restrictive) rules apply to novice (i.e. new, inexperienced) 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	
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 ⁽²⁾	18	24/26 ⁽¹⁾⁽²⁾	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 ⁽²⁾	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
HR	10	11.5	18	24	36	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⁾
AL	10	11.5 ⁽¹²⁾	18	26 ⁽¹⁾	36	40	44
ME	10	11.5	18	26 ⁽¹⁾	36	40	40 - 44 ⁽⁸⁾
MK	10	11.5	18	24	31	40	40
RS	10	11.5	18	26	32	40	40
TR	10	11.5	18	25 / 26	36	40	40 - 44 ⁽⁸⁾
IS	10	11.5	18	26 ⁽¹⁾	36	40	44
NO	10	11.5	19	26	37	42	44
CH	10	11.5	18	26 ⁽¹⁾	36	40	40
LI	10	11.5	18	26	36	40	40

Notes: An articulated vehicle consists of a road tractor coupled to a semi-trailer.

A road train is a goods road motor vehicle coupled to one or more trailers.

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

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

⁽³⁾ National traffic / international traffic.

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

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

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

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

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

⁽⁹⁾ 11.5t if mechanical suspension.

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

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

⁽¹²⁾ Weight per drive axle: national traffic = 10t; international traffic = 11.5t; Lorry 3 axles: national traffic = 24t; international traffic = 26t.

Employment by Mode of Transport (*)

(in 1 000) – 2012

	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-28	10546.6	2945.7	1988.5	577.0	28.4	40.1	164.0	366.5	2601.9	1834.3
BE	211.9	62.1	18.0	1.3	0.1	0.6	1.1	5.2	90.4	32.9
BG	153.9	51.8	33.6	9.8	0.5	0.9	3.4	2.2	32.5	19.2
CZ	267.4	116.4	38.3	28.6	1.0	0.5	0.0	2.5	38.9	41.3
DK	150.6	34.0	23.9	6.7	0.0	0.2	21.0	11.0	28.3	25.4
DE	2012.4	396.4	366.1	47.0	3.3	8.3	19.1	62.0	599.9	510.1
EE	38.6	14.4	5.7	1.7	0.0	0.0	0.8	0.4	11.8	3.6
IE	75.9	18.2	12.5	3.1	0.0	0.1	2.5	7.9	15.3	16.4
EL	162.3	30.9	65.0	1.1	0.2	0.0	13.0	3.6	35.5	13.1
ES	861.3	321.2	179.1	19.6	1.9	0.4	6.6	29.7	215.0	87.7
FR	1382.3	351.5	250.4	171.1	4.9	3.7	11.0	42.3	262.8	284.6
HR	77.3	19.8	10.5	2.8	0.4	0.2	4.1	3.0	23.7	12.7
IT	1076.0	316.2	169.2	40.1	2.2	2.5	26.7	24.6	333.4	161.2
CY	17.8	2.1	3.0	0.0	0.0	0.0	1.8	1.1	8.4	1.4
LV	72.8	22.7	12.4	3.7	0.2	0.1	0.7	1.5	25.7	5.7
LT	103.3	49.0	15.1	10.8	0.0	0.0	1.6	0.4	17.9	8.6
LU	23.0	7.9	4.6	0.5	0.0	0.2	0.0	2.6	3.7	3.5
HU	219.5	65.1	48.0	11.7	0.8	0.9	0.0	1.0	53.7	38.3
MT	9.6	1.0	1.5	0.0	0.0	0.0	0.5	2.9	2.7	1.0
NL	411.0	117.0	51.3	30.7	0.1	13.3	13.0	25.3	82.6	77.8
AT	207.8	58.7	54.7	12.0	0.5	0.5	0.0	6.9	49.0	25.6
PL	729.5	290.0	138.9	58.2	3.4	0.9	2.4	5.4	128.7	101.5
PT	153.4	59.8	34.1	3.6	0.1	0.6	0.9	10.6	28.4	15.3
RO	330.6	105.5	78.1	31.9	6.7	2.3	0.4	3.9	60.4	41.6
SI	44.3	20.8	5.1	1.3	0.1	0.3	0.2	0.6	8.3	7.6
SK	120.5	37.6	18.4	13.5	1.0	0.4	0.0	0.4	33.1	16.1
FI	147.2	44.7	32.2	8.5	0.2	0.4	9.1	9.9	29.0	13.2
SE	271.7	77.5	68.5	10.3	0.0	1.5	14.3	24.9	48.7	26.1
UK	1214.5	253.4	250.1	47.6	0.6	1.3	9.7	74.8	334.1	242.6

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. 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.

Number of Enterprises by Mode of Transport (*) – 2012

	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-28	1134371	573148	343094	804	209	9430	11538	4130	136888	55126
BE	17070	7760	2701	11	33	336	123	262	3200	2644
BG	19003	9943	6461	11	3	28	24	47	1979	507
CZ	40064	31331	3610	27	2	84	2	39	4643	326
DK	11812	5500	3067	18	4	22	332	63	1402	1404
DE	87820	35662	23546	144	38	984	2112	491	15595	9248
EE	4479	2729	436	7	0	4	35	10	1182	76
IE	9152	4116	1109	8	0	0	743	45	1120	2011
EL	65823	20432	35421	5	3	0	2187	22	7392	361
ES	200928	113925	63606	12	7	67	267	81	16743	6220
FR	98575	36131	46597	51	53	1104	655	511	10228	3245
HR	9208	6136	1358	2	2	14	603	32	1018	43
IT	131755	75565	28937	25	13	968	782	233	22810	2422
CY	3137	998	1189	0	0	0	53	1	719	177
LV	6303	3234	826	23	1	13	46	23	1837	300
LT	9843	4511	2833	5	0	13	11	13	1637	820
LU	974	486	194	2	0	27	0	20	193	52
HU	28578	15099	8388	32	5	108	12	93	3621	1220
MT	1401	407	705	0	0	0	17	9	235	24
NL	31485	10134	5371	28	10	4235	777	320	5463	5147
AT	13855	6587	5191	26	6	79	0	177	1338	451
PL	141739	81512	46277	105	5	283	212	221	10342	2782
PT	22899	8694	11186	5	3	43	172	67	2307	422
RO	34064	21452	9053	74	3	119	43	61	2353	906
SI	8491	5661	1064	6	2	35	39	61	1064	559
SK	16734	8349	4530	15	5	31	0	15	3367	422
FI	22541	10682	9170	4	2	80	246	81	1921	355
SE	29899	15202	8983	54	0	493	800	277	3655	435
UK	66739	30910	11285	104	9	260	1245	855	9524	12547

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 (*)

2012 (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-28	1 359 850	312 121	121 292	70 992	13 757	7 162	109 978	133 878	478 761	111 889
BE	48 704	11 624	1 388	1 818	158	311	5 153	3 137	21 589	3 527
BG	5 390	2 672	479	142	50	51	159	372	1 215	252
CZ	21 614	7 797	1 379	1 407	303	70	0	1 160	8 237	1 261
DK	49 280	5 742	2 740	274	21	97	25 683	2 934	9 326	2 463
DE	262 616	37 905	27 185	11 071	3 437	2 161	26 865	20 547	106 643	26 801
EE	5 324	1 100	159	172	0	9	522	135	3 143	83
IE	16 579	2 337	845	449	0	0	525	7 298	3 753	1 372
EL	11 602	2 452	2 019	91	256	0	1 618	1 083	3 305	779
ES	98 024	31 726	8 961	1 931	1 751	21	1 740	8 555	39 140	4 200
FR	204 000	42 997	18 484	20 761	2 302	785	13 940	21 196	69 967	13 568
HR	3 671	1 164	296	243	125	6	316	253	1 144	126
IT	144 636	44 310	11 863	5 183	701	169	11 240	9 110	50 338	11 723
CY	1 605	148	141	0	0	0	131	185	942	58
LV	5 402	1 333	171	386	173	0	27	405	2 812	95
LT	7 165	3 028	237	508	0	5	169	121	2 984	113
LU	5 054	1 210	186	138	0	176	0	2 333	924	86
HU	14 277	4 469	1 360	488	666	96	1	998	5 339	862
MT	1 050	74	53	0	0	0	84	121	551	166
NL	73 924	19 657	3 769	2 960	417	2 291	5 424	10 330	23 906	5 171
AT	40 137	9 493	3 972	2 774	757	90	0	3 590	16 859	2 603
PL	40 178	19 893	3 590	2 666	846	144	384	1 708	8 953	1 994
PT	17 424	4 709	1 168	308	143	34	315	3 761	6 123	865
RO	11 962	5 451	1 066	895	373	149	45	533	2 841	609
SI	4 632	2 059	231	90	36	31	166	225	1 491	304
SK	7 468	2 435	392	1 040	302	60	0	123	2 592	525
FI	23 178	5 935	2 377	760	158	139	2 732	2 905	6 618	1 534
SE	49 269	11 373	7 694	1 850	0	167	3 721	2 999	18 033	3 433
UK	185 686	29 031	19 089	12 586	785	102	9 020	27 762	59 993	27 319

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 – 2013

EU-28	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		
		million EUR			%	EUR
EU-28	961 458	248 213	520 171	193 074	12.8	1 900
BE	22 804	6 093	14 690	2 021	11.7	2 100
BG	4 226	879	1 958	1 389	15.4	600
CZ	7 286	2 194	3 787	1 305	9.1	700
DK	13 883	4 369	7 786	1 728	11.6	2 500
DE	205 400	68 166	95 486	41 748	13.8	2 500
EE	1 269	211	801	258	12.9	1 000
IE	9 609	2 157	4 944	2 507	12.7	2 100
EL	15 348	2 870	6 304	6 173	11.3	1 400
ES	68 147	13 871	42 837	11 439	10.9	1 500
FR	148 216	38 327	83 852	26 037	13.0	2 200
HR	3 332	846	1 804	696	12.6	783
IT	118 024	19 360	79 666	18 998	11.9	1 900
CY	1 260	263	793	204	9.3	1 500
LV	1 621	243	1 074	304	11.4	800
LT	3 319	539	2 339	441	15.0	1 100
LU	2 794	880	1 809	105	16.4	5 100
HU	7 019	1 372	4 720	927	13.0	700
MT	619	119	360	141	12.5	1 500
NL	36 146	8 162	22 052	5 932	12.8	2 200
AT	22 481	5 420	12 888	4 174	12.8	2 700
PL	28 275	7 653	16 557	4 066	11.9	700
PT	13 653	3 154	8 615	1 884	12.0	1 300
RO	9 051	2 041	5 367	1 630	10.7	453
SI	3 328	631	2 441	255	16.0	1 600
SK	3 036	545	1 418	1 073	7.4	600
FI	13 063	3 124	7 542	2 397	12.3	2 400
SE	24 280	6 204	12 519	5 557	12.3	2 500
UK	173 970	48 521	75 762	49 687	14.0	2 700

EU-28 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
2014	120.9	125.9	103.4	102.9	108.8
2013	120.2	126.0	102.8	102.3	108.0
2012	118.4	125.5	102.6	102.2	107.1
2011	115.4	121.0	102.3	101.9	106.7
2010	111.9	114.3	101.7	101.4	105.1
2009	109.6	108.4	101.2	100.9	103.7
2008	108.6	110.7	101.3	101.3	100.7
2007	104.7	105.6	101.6	101.7	100.3
2006	102.3	103.0	100.6	100.7	99.5
2005	100.0	100.0	100.0	100.0	100.0
2004	97.8	95.7	99.7	99.6	100.4
2003	95.6	92.6	98.9	98.7	100.3

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
2014	133.8	122.8	138.5	132.7	120.5
2013	135.2	122.3	143.2	129.9	118.9
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

YEAR 2005 = 100	TRANS- PORT 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
2014	141.7	141.1	136.3	132.4	148.7	138.7	112.9
2013	138.8	138.1	133.9	131.3	144.6	135.1	112.2
2012	134.4	134.2	130.8	126.2	144.5	130.6	111.7
2011	128.1	128.5	125.7	120.3	140.3	124.5	109.8
2010	121.3	123.9	120.9	112.2	128.9	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

EU-28 External Trade by Mode of Transport 2013

VALUE (billion EUR)

	PARTNER: EXTRA-EU-28				EXPORT + IMPORT	
	EXPORT		IMPORT			
Sea	827.8	47.7%	905.8	53.8%	1 733.7	50.7%
Road	339.7	19.6%	215.6	12.8%	555.3	16.2%
Rail	23.6	1.4%	18.4	1.1%	42.0	1.2%
Inland waterway	5.5	0.3%	3.0	0.2%	8.5	0.2%
Pipeline	3.9	0.2%	113.0	6.7%	116.9	3.4%
Air	482.2	27.8%	305.0	18.1%	787.1	23.0%
Self propulsion	47.2	2.7%	14.5	0.9%	61.6	1.8%
Post	1.0	0.1%	1.5	0.1%	2.5	0.1%
Unknown	5.7	0.3%	108.1	6.4%	113.8	3.3%
TOTAL	1 736.6	100.0%	1 684.8	100.0%	3 421.4	100.0%

WEIGHT (million tonnes)

	PARTNER: EXTRA-EU-28				EXPORT + IMPORT	
	EXPORT		IMPORT			
Sea	503.8	79.0%	1 186.5	73.9%	1 690.2	75.3%
Road	87.1	13.7%	56.1	3.5%	143.2	6.4%
Rail	19.3	3.0%	65.5	4.1%	84.9	3.8%
Inland waterway	9.4	1.5%	10.7	0.7%	20.1	0.9%
Pipeline	3.0	0.5%	219.3	13.7%	222.3	9.9%
Air	13.6	2.1%	3.4	0.2%	17.1	0.8%
Self propulsion	1.2	0.2%	3.3	0.2%	4.5	0.2%
Post	0.0	0.0%	0.0	0.0%	0.0	0.0%
Unknown	0.5	0.1%	61.6	3.8%	62.1	2.8%
TOTAL	638.0	100.0%	1 606.4	100.0%	2 244.4	100.0%

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

Environmental Taxes and Transport

AS % OF GDP – TRANSPORT FUEL TAXES (*)

	%								RANKING IN 2012
	2005	2006	2007	2008	2009	2010	2011	2012	
EU-28	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	
BE	1.3	1.2	1.2	1.1	1.1	1.2	1.2	1.1	26
BG			2.9	2.9	2.6	2.5	2.5	2.4	2
CZ	2.2	2.1	2.1	2.0	2.1	2.0	2.0	1.9	6
DK	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	28
DE	1.6	1.5	1.4	1.4	1.5	1.4	1.4	1.3	20
EE	1.8	1.7	1.7	1.7	2.2	2.1	1.9	2.1	4
IE	1.2	1.2	1.1	1.2	1.3	1.3	1.2	1.2	23
EL	1.1	1.1	1.1	1.1	1.1	1.7	1.8	1.9	7
ES	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	27
FR	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.1	24
HR	2.2	2.1	2.0	1.7	1.8	2.1	1.8	1.7	12
IT	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.8	9
CY	1.6	1.5	1.5	1.4	1.4	1.7	1.8	1.7	11
LV	2.2	2.0	1.7	1.7	2.0	2.0	1.9	1.8	8
LT	1.7	1.6	1.6	1.5	1.9	1.7	1.6	1.5	15
LU	2.8	2.5	2.3	2.4	2.4	2.2	2.2	2.2	3
HU	1.8	1.9	1.8	1.8	1.8	1.9	1.8	1.8	10
MT	1.2	1.2	1.7	1.4	1.2	1.4	1.6	1.5	16
NL	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	22
AT	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.3	21
PL	1.8	1.9	2.0	2.0	1.9	1.9	2.0	2.0	5
PT	1.9	1.9	1.9	1.7	1.8	1.7	1.7	1.6	13
RO			1.3	1.3	1.6	1.6	1.4	1.5	17
SI	2.1	2.1	2.1	2.2	2.7	2.7	2.6	2.9	1
SK	2.1	2.0	1.8	1.8	1.7	1.6	1.6	1.5	18
FI	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.3	19
SE	1.4	1.3	1.2	1.2	1.3	1.2	1.1	1.1	25
UK	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.6	14
AL									
ME									
MK									
RS									
TR									
IS									
NO	0.9	0.8	0.8	0.7	0.8	0.8	0.7	0.7	
CH									

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

Environmental Taxes and Transport

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

	%								RANKING IN 2012
	1995	2000	2005	2008	2009	2010	2011	2012	
EU-28			0.5	0.5	0.5	0.5	0.5	0.5	
BE	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.7	9
BG	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.3	19
CZ	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	26
DK	2.1	1.8	2.2	1.8	1.5	1.5	1.5	1.4	1
DE	0.4	0.3	0.4	0.4	0.3	0.3	0.4	0.4	18
EE	0.3	0.2	0.1	0.0	0.0	0.0	0.1	0.1	27
IE	1.3	1.4	1.2	1.1	0.9	1.0	0.9	0.9	5
EL	0.7	0.8	0.9	0.8	0.8	0.7	0.7	0.7	10
ES	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	20
FR	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	21
HR			1.1	1.1	0.9	0.9	0.8	0.8	6
IT	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	11
CY	2.3	2.0	1.6	1.6	1.3	1.1	0.9	0.8	7
LV	0.0	0.3	0.3	0.2	0.2	0.3	0.5	0.4	15
LT	0.7	0.7	0.5	0.0	0.0	0.0	0.0	0.0	28
LU	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	25
HU	0.2	0.4	0.5	0.6	0.5	0.5	0.5	0.4	16
MT	2.3	2.2	1.7	1.6	1.6	1.4	1.4	1.3	2
NL	1.3	1.4	1.3	1.3	1.2	1.2	1.2	1.1	3
AT	0.7	0.8	0.8	0.7	0.8	0.8	0.8	0.8	8
PL	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	23
PT	0.9	1.1	0.9	0.7	0.6	0.7	0.6	0.5	13
RO	0.0	0.1	0.1	0.4	0.3	0.2	0.2	0.2	24
SI	1.0	0.4	0.5	0.5	0.4	0.4	0.4	0.4	17
SK	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	22
FI	0.8	1.1	1.2	0.9	0.8	0.9	1.0	0.9	4
SE	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	14
UK	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	12
AL									
ME									
MK									
RS									
TR									
IS	1.1	1.7	1.6	0.6	0.3	0.3	0.3	0.3	
NO	1.4	1.2	1.4	1.1	1.1	1.2	1.2	1.1	
CH									

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

Environmental Taxes and Transport (FUEL AND OTHER TAXES) AS % OF TOTAL TAXATION (*)

	%								RANKING IN 2012
	2005	2006	2007	2008	2009	2010	2011	2012	
EU-28	5.3	5.1	5.0	4.9	5.1	5.0	4.9	4.8	
BE	4.8	4.5	4.4	4.2	4.4	4.4	4.4	4.1	25
BG			9.6	10.0	9.9	10.1	9.9	9.6	1
CZ	6.7	6.5	6.3	6.2	6.8	6.3	6.1	5.8	16
DK	6.8	6.9	6.8	6.1	5.5	5.4	5.2	5.0	22
DE	5.2	5.0	4.7	4.6	4.6	4.6	4.5	4.3	24
EE	6.2	5.8	5.7	5.4	6.3	6.3	6.2	6.5	10
IE	7.9	7.5	7.8	7.7	8.0	8.0	7.6	7.3	6
EL	6.2	6.0	6.1	5.8	6.2	7.5	7.6	7.6	5
ES	4.8	4.5	4.3	4.3	4.6	4.3	4.2	4.0	26
FR	3.6	3.5	3.5	3.4	3.5	3.3	3.3	3.1	28
HR	8.9	8.6	8.2	7.4	7.3	8.2	7.4	6.9	8
IT	5.5	5.2	4.9	4.8	4.9	4.9	5.0	5.6	19
CY	9.2	8.3	7.7	7.7	7.7	7.7	7.6	7.0	7
LV	8.7	7.5	6.5	6.5	8.5	8.5	8.5	8.0	4
LT	7.4	5.6	5.5	5.0	6.3	6.3	6.0	5.9	15
LU	7.7	7.2	7.0	6.9	6.5	6.2	6.3	6.0	14
HU	6.3	6.8	6.1	5.8	5.7	6.2	6.1	5.6	20
MT	9.0	9.1	9.8	9.2	8.4	8.7	9.0	8.3	3
NL	6.9	6.8	6.7	6.6	6.7	6.5	6.4	6.1	13
AT	5.2	5.0	4.8	4.8	4.9	4.8	5.0	4.9	23
PL	6.4	6.2	6.5	6.4	6.7	6.8	6.6	6.7	9
PT	9.0	8.6	8.3	7.4	7.7	7.6	6.8	6.4	11
RO			5.8	6.1	6.8	6.6	5.7	5.8	18
SI	6.8	6.8	7.0	7.1	8.5	8.3	8.0	8.8	2
SK	7.4	7.4	6.9	6.8	6.5	6.3	6.1	5.8	17
FI	5.9	5.8	5.4	5.2	5.1	5.4	5.2	5.1	21
SE	3.6	3.5	3.5	3.8	3.9	3.8	3.6	3.5	27
UK	6.0	5.7	5.9	5.6	6.6	6.5	6.3	6.3	12
AL									
ME									
MK									
RS									
TR									
IS									
NO	5.2	5.1	5.0	4.4	4.6	4.7	4.4	4.3	
CH									

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

Source: Commission services

Comparison EU-28 – World: INFRASTRUCTURE AND VEHICLES

TRANSPORT INFRASTRUCTURE					
	EU-28	USA	JAPAN	CHINA	RUSSIA
	2012	2012	2012 ⁽¹⁾	2012	2012
1 000 km					
Road network (paved)	5 000	4 258	983	3 610	1 038
Motorway network	73.2	92.0 ⁽²⁾	8.1 ⁽²⁾	96.2	50.9 ⁽⁴⁾
Railway network	215.3	205.5 ⁽⁵⁾	20.1	97.6	85.6
Electrified rail lines	115.7		12.4	35.5	43.0
Navigable inland waterways	41.9	40.2		125.0	102.0
Oil pipelines	37.3	298.6		91.6 ⁽⁶⁾	55.0 ⁽⁷⁾

VEHICLE STOCK					
	EU-28	USA	JAPAN	CHINA	RUSSIA
	2013	2012	2013	2013	2013
Passenger cars stock	million				
	248.0	234 ⁽⁸⁾	70.9 ⁽⁹⁾	71.3	39.2
Motorisation	cars / 1 000 persons				
	491	739	557	53	273
Commercial freight vehicles	million				
	35.54	10.66	6.04	18.95	6.05

TRANSPORT SAFETY					
	EU-28	USA	JAPAN	CHINA	RUSSIA
	2013	2013	2013	2013	2013
Road fatalities	number				
	25 938	32 719	5 152	58 316	27 000
	per million inhabitants				
	51	103	40	43	188

Notes: ⁽¹⁾ Japan: data on the railway network and on the electrified rail lines are of 2010 and refer to Japan Railways only.
⁽²⁾ Divided highways with 4 or more lanes (rural or urban interstate, freeways, expressways, arterial and collector) with full access control by the authorities.
⁽³⁾ Japan: national expressways.
⁽⁴⁾ Russia: federal roads.
⁽⁵⁾ USA: a sum of partly overlapping networks. Class I rail and Amtrak mileage refer to 2011.
⁽⁶⁾ China: both oil and gas pipelines.
⁽⁷⁾ Russia: only crude oil pipelines. 20 thousand km of oil products pipelines are not included.
⁽⁸⁾ USA: light duty vehicles, short wheel and long wheel base.
⁽⁹⁾ Japan: including 31.1 million light motor vehicles (engine capacity up to 660 cubic centimetres).

Sources: Eurostat, International Road Federation, Union Internationale des Chemins de Fer, national statistics, estimates (*in italics*)

Comparison EU-28 – World: PASSENGER AND FREIGHT TRANSPORT

PASSENGER TRANSPORT

	billion pkm				
	EU-28 2013	USA 2013	JAPAN 2012	CHINA 2013	RUSSIA 2013
Passenger car	4672.3	5935.6 ⁽¹⁾		1125.1 ⁽²⁾	
Bus + trolley bus + coach	526.5	517.7	75.7		130.6
Railway	424.2	39.9	404	1 055.0	138.5
Tram + metro	95.4	23.0	⁽³⁾		50.9
Waterborne	39.0	0.6	3.1	6.8	0.6
Air (domestic / intra-EU-28)	582.5	949.0	78.0	565.7	225.2

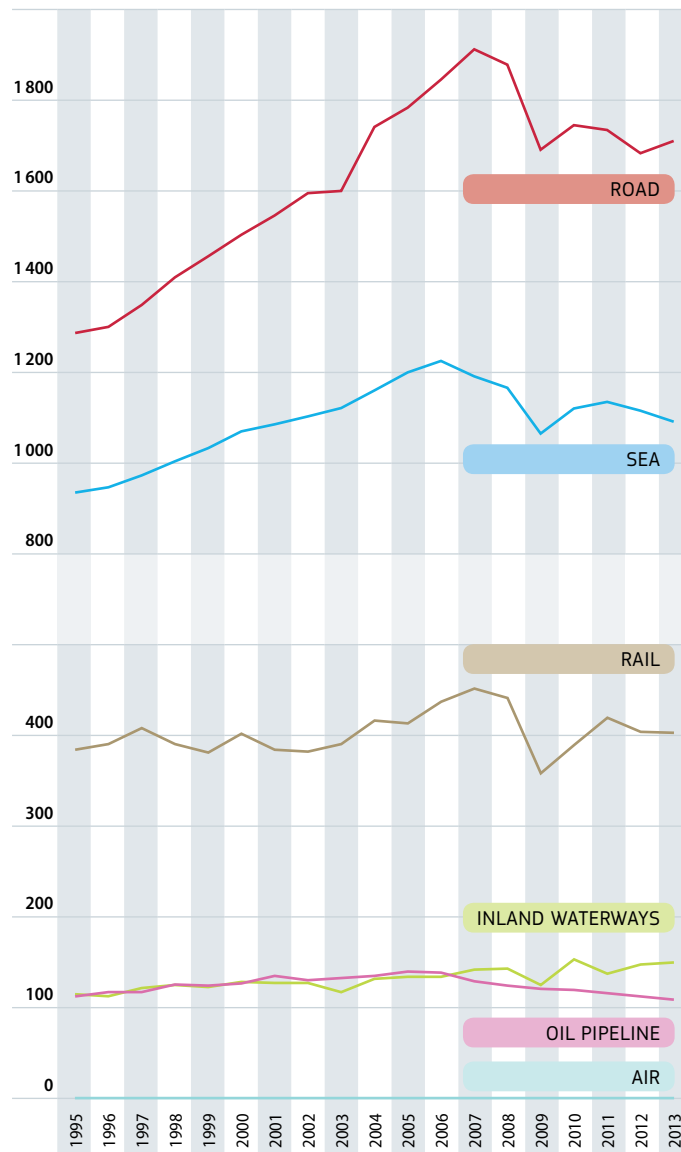
FREIGHT TRANSPORT

	billion tkm				
	EU-28 2013	USA 2012	JAPAN 2013	CHINA 2013	RUSSIA 2013
Road	1 719.4	3 886.0	210.6	5 573.8	250.0
Rail	406.3	2 536.2 ⁽⁴⁾	20.5	2 917.4	2 196.0
Inland waterways	152.7	470.4		3 073.1	80.0
Oil pipeline	111.8	1 367.8		349.6 ⁽⁵⁾	2 513.0
Sea (domestic / intra-EU-28)	1 088.6	263.1 ⁽⁶⁾	184.9	4 870.5	39.0

- Notes: ⁽¹⁾ USA: including light trucks / vans.
⁽²⁾ China: including buses and coaches.
⁽³⁾ Japan: included in railway pkm.
⁽⁴⁾ USA: Class I rail.
⁽⁵⁾ China: oil and gas pipelines.
⁽⁶⁾ USA: coastwise transport refers to 2011.

EU-28 Performance by Mode for Freight Transport – 1995–2013

billion tonne-kilometres



Source: Tables 2.2.4c to 2.2.7, estimates

EU-28 Performance by Mode

FREIGHT TRANSPORT

	billion tonne-kilometres						
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	SEA (*)	AIR	TOTAL
1995	1289	388	122	115	930	2	2846
2000	1509	405	134	127	1067	2	3245
2001	1553	388	133	134	1083	2	3292
2002	1603	386	133	130	1100	2	3353
2003	1608	394	124	132	1119	2	3378
2004	1751	419	137	133	1159	2	3601
2005	1795	416	139	138	1198	2	3687
2006	1858	438	139	137	1224	2	3798
2007	1925	452	145	128	1190	2	3843
2008	1891	443	146	125	1164	2	3771
2009	1700	364	131	122	1062	2	3380
2010	1755	394	156	121	1118	2	3546
2011	1744	422	142	118	1133	2	3562
2012	1693	407	150	115	1113	2	3480
2013	1719	407	153	112	1089	2	3481
1995–2013 per year	33.4%	4.7%	25.1%	-2.7%	17.0%	27.0%	22.3%
2000–2013 per year	1.6%	0.3%	1.3%	-0.2%	0.9%	1.3%	1.1%
2000–2013 per year	13.9%	0.2%	14.1%	-12.0%	2.0%	3.7%	7.3%
2012–2013	1.0%	0.0%	1.0%	-1.0%	0.2%	0.3%	0.5%
2012–2013	1.6%	0.0%	1.8%	-2.7%	-2.2%	-1.0%	0.1%

MODAL SPLIT

	(%)					
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	SEA (*)	AIR
1995	45.3	13.6	4.3	4.0	32.7	0.1
2000	46.5	12.5	4.1	3.9	32.9	0.1
2001	47.2	11.8	4.0	4.1	32.9	0.1
2002	47.8	11.5	4.0	3.9	32.8	0.1
2003	47.6	11.7	3.7	3.9	33.1	0.1
2004	48.6	11.6	3.8	3.7	32.2	0.1
2005	48.7	11.3	3.8	3.7	32.5	0.1
2006	48.9	11.5	3.6	3.6	32.2	0.1
2007	50.1	11.8	3.8	3.3	31.0	0.1
2008	50.1	11.7	3.9	3.3	30.9	0.1
2009	50.3	10.8	3.9	3.6	31.4	0.1
2010	49.5	11.1	4.4	3.4	31.5	0.1
2011	49.0	11.9	4.0	3.3	31.8	0.1
2012	48.6	11.7	4.3	3.3	32.0	0.1
2013	49.4	11.7	4.4	3.2	31.3	0.1

Notes: (*) In the 2015 edition, the time series for maritime transport performance has been revised, for the period from 2005 to 2013, by replacing previous estimates on port-to port distances with more accurate measurements by Eurostat. The time series from 1995 to 2004 has been recalibrated by DG MOVE in line with the new Eurostat figures to avoid break in series. The revision of tkm figures mainly concerns the calculation of distance travelled and not the tonnages transported by sea.

Air and Sea: only domestic and intra-EU-28 transport; estimates for air and for sea (1995–2004).

Road: national and international haulage by vehicles registered in the EU-28.

EU-28 Performance by Mode – Inland

FREIGHT TRANSPORT FOR INLAND MODES

	billion tonne-kilometres				
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
1995	1289	388	122	115	1914
2000	1509	405	134	127	2176
2001	1553	388	133	134	2207
2002	1603	386	133	130	2251
2003	1608	394	124	132	2257
2004	1751	419	137	133	2440
2005	1795	416	139	138	2487
2006	1858	438	139	137	2571
2007	1925	452	145	128	2650
2008	1891	443	146	125	2605
2009	1700	364	131	122	2316
2010	1755	394	156	121	2425
2011	1744	422	142	118	2426
2012	1693	407	150	115	2364
2013	1719	407	153	112	2391
1995–2013 per year	33.4%	4.7%	25.1%	-2.7%	24.9%
2000–2013 per year	1.6%	0.3%	1.3%	-0.2%	1.2%
2000–2013 per year	13.9%	0.3%	14.1%	-12.0%	9.9%
2012–2013	1.0%	0.0%	1.0%	-1.0%	0.7%
2012–2013	1.6%	0.0%	1.8%	-2.7%	1.1%

MODAL SPLIT

	(%)			
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES
1995	67.3	20.3	6.4	6.0
2000	69.4	18.6	6.2	5.8
2001	70.3	17.6	6.0	6.1
2002	71.2	17.1	5.9	5.8
2003	71.2	17.5	5.5	5.8
2004	71.7	17.2	5.6	5.5
2005	72.2	16.7	5.6	5.5
2006	72.3	17.0	5.4	5.3
2007	72.6	17.1	5.5	4.8
2008	72.6	17.0	5.6	4.8
2009	73.4	15.7	5.6	5.3
2010	72.4	16.2	6.4	5.0
2011	71.9	17.4	5.9	4.9
2012	71.6	17.2	6.3	4.9
2013	71.9	17.0	6.4	4.7

Note: Road: national and international haulage by vehicles registered in the EU-28.

Road: NATIONAL HAULAGE

HAULAGE BY VEHICLES REGISTERED IN THE REPORTING COUNTRY

	billion tkm						% OF TOTAL HAULAGE 2013	% CHANGE '12/'13
	1995	2000	2005	2010	2012	2013		
EU-28	<i>1 086.4</i>	<i>1 225.8</i>	<i>1 176.9</i>	<i>1 120.9</i>	<i>1 112.4</i>	<i>64.7</i>	<i>-0.8</i>	
BE	18.6	19.8	19.3	17.8	18.2	19.0	57.9	
BG		3.1	5.0	6.1	6.3	7.2	26.5	
CZ		14.2	15.5	14.8	14.4	15.4	28.0	
DK	9.3	11.0	11.1	10.6	12.3	12.2	76.0	
DE	201.3	226.5	237.6	252.5	254.5	256.7	84.0	
EE	0.4	0.7	1.8	1.4	1.6	1.6	26.6	
IE	4.7	8.3	14.0	8.2	7.4	7.2	78.3	
EL	20.0	23.0	19.6	25.3	16.5	14.6	76.7	
ES	78.7	106.9	166.4	146.2	133.4	127.0	65.9	
FR	135.3	163.2	177.3	164.3	156.4	155.7	90.8	
HR		1.9	4.4	4.5	4.1	4.3	46.9	
IT	150.3	158.3	171.6	149.2	111.8	112.0	88.0	
CY		1.3	1.4	1.1	0.9	0.6	97.5	
LV		1.5	2.7	2.6	2.6	2.8	21.9	
LT		1.5	2.1	2.3	2.4	2.5	9.6	
LU	0.5	0.4	0.5	0.6	1.0	0.8	9.0	
HU		12.1	11.4	11.3	9.2	9.2	25.8	
MT		0.2	0.2	0.2	0.2	0.2	80.0	
NL	26.7	31.5	31.8	33.8	31.4	29.9	42.6	
AT	11.1	12.4	12.5	13.9	14.1	13.9	57.2	
PL		48.0	60.9	82.2	89.0	100.3	40.5	
PT	16.5	14.2	17.4	12.9	11.2	9.8	26.7	
RO		9.9	19.4	12.1	12.7	12.5	36.8	
SI		1.9	2.4	2.3	1.8	1.9	11.9	
SK		5.1	5.6	5.2	5.1	4.6	15.1	
FI	21.8	27.7	27.8	25.2	21.9	21.0	85.8	
SE	28.4	31.5	34.7	32.7	30.4	30.7	91.6	
UK	146.7	150.3	151.2	137.8	150.0	139.0	94.4	
AL								
ME								
MK								
RS								
TR	112.5	161.6	166.8	190.4	216.1	224.0	3.7	
IS	0.5	0.6	0.7	0.8	0.8	0.8	2.8	
NO		12.1	15.4	16.3	17.0	18.3	86.0	
CH	8.4	8.9	9.2	9.6	10.0	10.2	79.3	

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 2013	% CHANGE '12/'13
	1995	2000	2005	2010	2012	2013		
EU-28	<i>421.6</i>	<i>568.8</i>	<i>578.4</i>	<i>571.7</i>	<i>607.0</i>	<i>35.3</i>	<i>6.2</i>	
BE	27.0	31.3	24.6	17.2	13.9	13.8	42.1	
BG		3.3	9.3	13.3	18.1	19.9	73.5	
CZ		23.1	27.9	37.1	36.8	39.5	72.0	
DK	13.1	13.0	12.2	4.4	4.4	3.9	24.0	
DE	36.5	54.2	72.5	60.6	52.5	49.0	16.0	
EE	1.1	3.2	4.0	4.2	4.2	4.4	73.4	
IE	0.8	3.9	3.9	2.7	2.6	2.0	21.7	
EL	4.0	4.5	4.2	4.6	4.4	4.4	23.3	
ES	22.9	41.8	66.8	63.9	65.8	65.6	34.1	
FR	42.9	40.8	28.0	17.9	16.0	15.8	9.2	
HR		1.0	4.9	4.2	4.5	4.8	53.1	
IT	24.1	26.4	40.2	26.5	12.2	15.3	12.0	
CY		0.0	0.0	0.0	0.0	0.0	2.5	
LV		3.3	5.7	8.0	9.6	10.0	78.1	
LT		6.2	13.8	17.1	21.0	23.8	90.4	
LU	5.0	7.2	8.3	8.1	6.9	7.8	91.0	
HU		7.0	13.8	22.4	24.6	26.6	74.2	
MT		0.1	0.1	0.1	0.1	0.1	20.0	
NL	40.4	48.0	52.3	42.0	36.4	40.3	57.4	
AT	15.4	22.7	24.5	14.7	12.0	10.4	42.8	
PL		27.0	50.9	120.1	133.3	147.3	59.5	
PT	15.5	12.6	25.2	22.5	21.8	26.8	73.3	
RO		4.4	32.1	13.8	17.0	21.5	63.2	
SI		3.4	8.7	13.6	14.0	14.0	88.1	
SK		9.3	16.9	22.4	24.6	25.6	84.9	
FI	2.7	4.3	4.0	4.4	3.5	3.5	14.2	
SE	3.2	4.2	3.9	3.5	3.1	2.8	8.4	
UK	14.8	15.3	10.1	8.9	8.5	8.2	5.6	
AL								
ME								
MK								
RS								
TR								
IS								
NO		3.0	2.9	3.4	3.2	3.0	14.0	
CH (†)	0.7	0.9	1.0	3.7	3.0	2.7	20.7	

Notes: (*) Including cross-trade and cabotage. Only haulage of heavy goods vehicles (usually >3.5 tonnes load capacity).

(†) 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	2012	2013	CHANGE '12/'13
EU-28	1288.7	1509.5	1794.6	1755.3	1692.6	1719.4	1.6
BE	45.6	51.0	43.8	35.0	32.1	32.8	2.2
BG	5.2	6.4	14.4	19.4	24.4	27.1	11.2
CZ	31.3	37.3	43.4	51.8	51.2	54.9	7.2
DK	22.4	24.0	23.3	15.0	16.7	16.1	-3.6
DE	237.8	280.7	310.1	313.1	307.0	305.7	-0.4
EE	1.5	3.9	5.8	5.6	5.8	6.0	3.4
IE	5.5	12.3	17.9	10.9	10.0	9.2	-7.6
EL	24.0	29.0	23.8	29.8	20.8	19.0	-9.0
ES	101.6	148.7	233.2	210.1	199.2	192.6	-3.3
FR	178.2	204.0	205.3	182.2	172.4	171.5	-0.6
HR		2.9	9.3	8.8	8.6	9.1	5.6
IT	174.4	184.7	211.8	175.8	124.0	127.2	2.6
CY	1.2	1.3	1.4	1.1	0.9	0.6	-29.2
LV	1.8	4.8	8.4	10.6	12.2	12.8	5.2
LT	5.2	7.8	15.9	19.4	23.4	26.3	12.3
LU	5.5	7.6	8.8	8.7	8.0	8.6	8.3
HU	13.8	19.1	25.2	33.7	33.7	35.8	6.2
MT	0.3	0.3	0.3	0.3	0.3	0.3	0.0
NL	67.1	79.6	84.2	75.8	67.8	70.2	3.5
AT	26.5	35.1	37.0	28.7	26.1	24.2	-7.2
PL	51.2	75.0	111.8	202.3	222.3	247.6	11.4
PT	32.0	26.8	42.6	35.4	32.9	36.6	11.0
RO	19.7	14.3	51.5	25.9	29.7	34.0	14.7
SI	3.3	5.3	11.0	15.9	15.9	15.9	0.1
SK	15.9	14.3	22.6	27.6	29.7	30.1	1.5
FI	24.5	32.0	31.9	29.5	25.5	24.4	-4.0
SE	31.6	35.6	38.6	36.3	33.5	33.5	0.1
UK	161.5	165.6	161.3	146.7	158.5	147.2	-7.1
AL	2.1	2.2	3.2	4.6	3.2	3.5	8.5
ME			0.1	0.2	0.1	0.1	-11.8
MK		3.5	5.6	4.2	5.8	5.1	-11.3
RS		0.6	0.7	1.7	2.5	2.8	14.1
TR (1)	112.5	161.6	166.8	190.4	216.1	224.0	3.7
IS (1)	0.5	0.6	0.7	0.8	0.8	0.8	2.8
NO	9.7	15.1	18.2	19.8	20.2	21.3	5.7
CH (2)	9.1	9.8	10.2	13.2	13.0	12.8	-1.1

Notes: (*) Including cross-trade and cabotage. Only haulage of heavy goods vehicles (usually >3.5 tonnes load capacity).

(1) TR, 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	2010	2012	2013	CHANGE '12/'13
EU-28	526.3	388.1	405.5	416.0	393.5	406.7	406.5	0.0
BE	8.4	7.3	7.7	8.1	7.5	7.3	7.3	0.0
BG	14.1	8.6	5.5	5.2	3.1	2.9	3.2	11.7
CZ		22.6	17.5	14.9	13.8	14.3	14.0	-2.1
DK	1.7	2.0	2.0	2.0	2.2	2.3	2.4	7.5
DE	101.7	70.5	82.7	95.4	107.3	110.1	112.6	2.3
EE	7.0	3.8	8.1	10.6	6.6	5.1	4.7	-7.9
IE	0.6	0.6	0.5	0.3	0.1	0.1	0.1	8.8
EL	0.6	0.3	0.4	0.6	0.6	0.3	0.2	-16.3
ES	11.2	11.0	11.6	11.6	8.9	9.5	9.3	-1.3
FR	52.2	48.3	57.7	40.7	30.0	32.6	32.0	-1.7
HR		2.0	1.8	2.8	2.6	2.3	2.1	-10.5
IT	19.4	21.7	22.8	22.8	18.6	20.2	19.0	-6.0
CY	-	-	-	-	-	-	-	-
LV	18.5	9.8	13.3	19.8	17.2	21.9	19.5	-10.7
LT	19.3	7.2	8.9	12.5	13.4	14.2	13.3	-5.8
LU	0.6	0.5	0.6	0.4	0.3	0.2	0.2	-7.5
HU	16.8	8.4	8.8	9.1	8.8	9.2	9.7	5.3
MT	-	-	-	-	-	-	-	-
NL	3.1	3.1	4.5	5.9	5.9	6.2	6.1	-1.3
AT	12.2	13.2	16.6	19.0	19.8	19.5	19.3	-1.1
PL	81.6	68.2	54.0	50.0	48.7	48.9	50.9	4.0
PT	1.5	2.0	2.2	2.4	2.3	2.4	2.3	-5.4
RO	48.9	17.9	16.4	16.6	12.4	13.5	12.9	-3.9
SI	4.2	3.1	2.9	3.2	3.4	3.5	3.8	9.5
SK		13.8	11.2	9.5	8.1	7.6	8.5	11.9
FI	8.4	9.6	10.1	9.7	9.8	9.3	9.5	2.1
SE	19.1	19.4	19.5	21.7	23.5	22.0	21.0	-4.9
UK	16.0	13.3	18.1	21.4	18.6	21.4	22.4	4.5
AL	0.6	0.1	0.0	0.0	0.1	0.0	0.0	-8.0
ME					0.2	0.1	0.1	43.8
MK			0.5	0.5	0.5	0.4	0.4	-0.5
RS					3.5	2.8	3.0	9.1
TR	7.9	8.5	9.8	9.1	11.3	11.2	10.8	-4.2
IS	-	-	-	-	-	-	-	-
NO	2.6	2.7	3.0	3.1	3.5	3.5	3.4	-3.0
CH	9.0	8.9	11.1	11.7	11.1	11.1	11.8	6.8

Notes: LU values based on quarterly data.

DE: includes DE-E: 1970=41.5, 1980=56.4, 1990=39.8.

CS: 1970: 55.9, 1980: 66.2, 1990: 59.4, 1991: 45.8, 1992: 44.0 (these are included in EU-28 and EU-13 totals).

Inland Waterways

	billion tkm							%
	1990	1995	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28	118.8	122.1	133.9	138.8	155.5	150.0	152.7	1.8
BE	5.4	5.7	7.2	8.6	9.1	10.4	10.4	-0.5
BG	1.6	0.5	0.3	0.8	6.0	5.3	5.4	0.5
CZ		0.3	0.1	0.1	0.0	0.0	0.0	-34.2
DK	-	-	-	-	-	-	-	-
DE	54.8	64.0	66.5	64.1	62.3	58.5	60.1	2.7
EE	0.0	0.0	-	-	-	-	-	-
IE	-	-	-	-	-	-	-	-
EL	-	-	-	-	-	-	-	-
ES	-	-	-	-	-	-	-	-
FR	7.6	6.6	9.1	8.9	9.5	8.9	9.2	3.3
HR	0.5	0.0	0.1	0.1	0.9	0.8	0.8	-0.1
IT	0.1	0.1	0.2	0.1	0.1	0.1	0.1	9.9
CY	-	-	-	-	-	-	-	-
LV	-	-	-	-	-	-	-	-
LT	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-
LU	0.4	0.3	0.4	0.3	0.4	0.3	0.3	7.9
HU	2.0	1.2	0.9	2.1	2.4	2.0	1.9	-2.9
MT	-	-	-	-	-	-	-	-
NL	35.7	35.5	41.3	42.2	46.6	47.5	48.6	2.3
AT	1.7	2.0	2.4	1.8	2.4	2.2	2.4	7.4
PL	1.0	0.9	1.2	0.3	0.1	0.1	0.1	-30.5
PT	-	-	-	-	-	-	-	-
RO	2.1	3.1	2.6	8.4	14.3	12.5	12.2	-2.2
SI	-	-	-	-	-	-	-	-
SK		1.5	1.4	0.7	1.2	1.0	1.0	2.0
FI	1.1	0.1	0.1	0.1	0.1	0.1	0.1	-2.4
SE	-	-	-	-	-	-	-	-
UK	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.0
AL	-	-	-	-	-	-	-	-
ME	-	-	-	-	-	-	-	-
MK	-	-	-	-	-	-	-	-
RS					0.9	0.6	0.7	16.1
TR	-	-	-	-	-	-	-	-
IS	-	-	-	-	-	-	-	-
NO	-	-	-	-	-	-	-	-
CH	0.2	0.0	0.1	0.0	0.0	0.1	0.0	-15.7

Notes: FI: only shipborne transport (i.e. no floating).
 CS: 1970: 2.43, 1980: 3.59, 1990: 4.42, 1991: 3.89, 1992: 2.98 (these are included in EU-28 and EU-13 totals).
 IT, LT, FI and UK: data include only national traffic.
 BG and RO: data include transit traffic from 2009 (and partially in 2008).
 HR: data include transit traffic from 2008 onward.

Pipelines (Oil)

	billion tkm							%
	1990	1995	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28	114.9	127.1	137.6	121.1	114.9	111.8	111.8	-2.7
BE	1.0	1.4	1.6	1.5	1.5	1.6	1.7	3.8
BG	0.6	0.4	0.4	0.4	0.4	0.6	0.6	10.5
CZ		2.3	1.6	2.3	2.2	1.9	1.9	1.4
DK	2.0	3.1	4.7	5.1	3.5	3.1	2.7	-11.0
DE	13.3	14.8	15.0	16.7	16.3	16.2	18.2	12.2
EE	-	-	-	-	-	-	-	-
IE	-	-	-	-	-	-	-	-
EL	-	-	-	0.2	0.2	0.2	0.2	-11.1
ES	4.2	5.9	7.5	9.2	8.2	8.9	8.7	-2.3
FR	19.6	22.3	21.7	20.9	17.6	15.2	11.1	-26.6
HR	3.6		0.4	1.5	1.3	0.8	1.1	34.5
IT	9.2	9.7	10.3	11.4	10.4	10.1	10.0	-0.4
CY	-	-	-	-	-	-	-	-
LV		5.3	6.5	3.4	2.4	2.6	2.3	-13.4
LT		2.0	3.5	4.4	0.6	0.6	0.6	-10.9
LU	-	-	-	-	-	-	-	-
HU	5.3	2.2	2.3	2.7	3.2	2.8	2.7	-2.1
MT	-	-	-	-	-	-	-	-
NL	4.9	5.3	5.9	5.9	5.6	5.6	5.4	-3.0
AT	6.4	6.8	7.6	7.8	7.0	7.1	8.4	17.4
PL	13.9	13.5	20.4	25.4	24.2	22.3	20.1	-9.9
PT			0.5	0.5	0.4	0.4	0.4	-2.6
RO	5.1	2.9	1.4	2.2	1.0	0.8	0.8	5.6
SI	-	-	-	-	-	-	-	-
SK		6.1	4.6	5.3	5.0	4.2	4.9	16.3
FI	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-
UK	11.1	11.1	11.4	10.8	10.2	9.9	10.0	0.5
AL	-	-	-	-	-	-	-	-
ME	-	-	-	-	-	-	-	-
MK	-	-	-	0.1	0.1	0.0	0.0	-15.1
RS	-	-	-	-	0.4	0.3	0.4	29.2
TR		3.2	53.1	5.7	39.6	37.3	26.7	-28.3
IS	-	-	-	-	-	-	-	-
NO	2.1	5.3	3.5	4.6	3.5	3.1	2.7	-12.6
CH	1.2	1.2	0.2	0.2	0.2	0.2	0.2	24.6

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

USA

PERFORMANCE BY MODE OF TRANSPORT: FREIGHT

	billion tkm				
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
1990	2492.7	1554.0	515.8	1519.9	6082.5
1995	3036.8	1922.8	534.4	1564.1	7058.1
2000	3396.7	2257.6	526.2	1413.0	7593.5
2005	3581.8	2530.6	476.4	1263.9	7852.7
2006	3512.4	2709.6	486.0	1256.7	7964.7
2007	3643.8	2656.6	472.3	1249.5	8022.2
2008	4018.8	2525.4	454.3	1432.7	8431.2
2009	3576.2	2309.8	406.6	1383.0	7675.6
2010	3668.1	2491.5	450.5	1395.7	8005.8
2011	3859.5	2524.7	464.7	1486.4	8335.2
2012	3886.0	2536.2	470.4	1367.8	8260.5

AVERAGE ANNUAL CHANGE

	% PER YEAR				
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES	TOTAL
2005	1.1	2.9	-4.0	-0.6	1.1
2006	-1.9	7.1	2.0	-0.6	1.4
2007	3.7	-2.0	-2.8	-0.6	0.7
2008	10.3	-4.9	-3.8	14.7	5.1
2009	-11.0	-8.5	-10.5	-3.5	-9.0
2010	2.6	7.9	10.8	0.9	4.3
2011	5.2	1.3	3.1	6.5	4.1
2012	0.7	0.5	1.2	-8.0	-0.9
1990-1995	4.0	4.4	0.7	0.6	3.0
1995-2000	2.3	3.3	-0.3	-2.0	1.5
2000-2010	0.8	1.0	-1.5	-0.1	0.5
2010-2012	2.9	0.9	2.2	-1.0	1.6

MODAL SPLIT

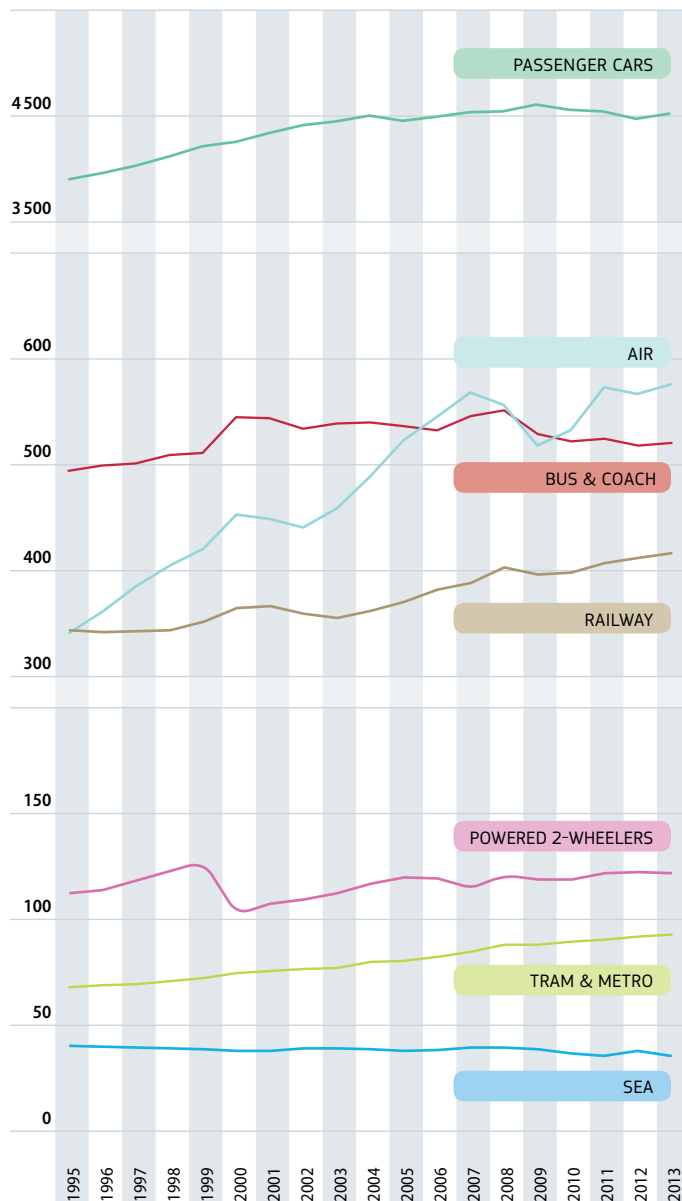
	%			
	ROAD	RAIL	INLAND WATERWAYS	PIPELINES
1990	41.0	25.5	8.5	25.0
1995	43.0	27.2	7.6	22.2
2000	44.7	29.7	6.9	18.6
2005	45.6	32.2	6.1	16.1
2006	44.1	34.0	6.1	15.8
2007	45.4	33.1	5.9	15.6
2008	47.7	30.0	5.4	17.0
2009	46.6	30.1	5.3	18.0
2010	45.8	31.1	5.6	17.4
2011	46.3	30.3	5.6	17.8
2012	47.0	30.7	5.7	16.6

Note: Time series for road transport revised according to the estimates based on the Freight Analysis Framework (FAF).

Source: U.S. Department of Transportation, International Transport Forum, estimates (in italics)

EU-28 Performance by Mode for Passenger Transport – 1995–2013

billion passenger-kilometres



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

EU-28 Performance by Mode

PASSENGER TRANSPORT

billion pkm								
	PASSENGER CARS	P2W	BUS & COACH	RAILWAY	TRAM & METRO	AIR	SEA	TOTAL
1995	3935	116	503	350	72	348	44	5368
2000	4355	108	548	372	78	460	42	5963
2001	4454	112	547	374	79	455	42	6064
2002	4542	114	539	366	80	447	43	6132
2003	4586	117	543	362	81	466	43	6197
2004	4652	121	544	369	83	496	43	6307
2005	4591	123	541	377	84	530	42	6288
2006	4636	123	537	389	86	552	42	6366
2007	4690	119	549	396	88	575	43	6460
2008	4698	124	554	411	91	563	43	6486
2009	4774	122	534	404	91	525	43	6492
2010	4717	123	528	405	92	539	40	6445
2011	4698	125	530	415	93	580	39	6480
2012	4614	126	524	420	95	574	42	6394
2013	4672	125	526	424	95	583	39	6465
'95/'13	18.7%	7.4%	4.8%	21.1%	32.7%	67.4%	-12.1%	20.4%
/year	1.0%	0.4%	0.3%	1.1%	1.6%	2.9%	-0.7%	1.0%
'00/'13	7.3%	16.1%	-4.0%	14.2%	21.7%	26.8%	-6.4%	8.4%
/year	0.5%	1.2%	-0.3%	1.0%	1.5%	1.8%	-0.5%	0.6%
'12/'13	1.3%	-0.5%	0.5%	1.1%	0.8%	1.6%	-7.0%	1.1%

MODAL SPLIT

%							
	PASSENGER CARS	P2W	BUS & COACH	RAILWAY	TRAM & METRO	AIR	SEA
1995	73.3	2.2	9.4	6.5	1.3	6.5	0.8
2000	73.0	1.8	9.2	6.2	1.3	7.7	0.7
2001	73.5	1.8	9.0	6.2	1.3	7.5	0.7
2002	74.1	1.9	8.8	6.0	1.3	7.3	0.7
2003	74.0	1.9	8.8	5.8	1.3	7.5	0.7
2004	73.8	1.9	8.6	5.8	1.3	7.9	0.7
2005	73.0	2.0	8.6	6.0	1.3	8.4	0.7
2006	72.8	1.9	8.4	6.1	1.3	8.7	0.7
2007	72.6	1.8	8.5	6.1	1.4	8.9	0.7
2008	72.4	1.9	8.5	6.3	1.4	8.7	0.7
2009	73.5	1.9	8.2	6.2	1.4	8.1	0.7
2010	73.2	1.9	8.2	6.3	1.4	8.4	0.6
2011	72.5	1.9	8.2	6.4	1.4	8.9	0.6
2012	72.2	2.0	8.2	6.6	1.5	9.0	0.7
2013	72.3	1.9	8.1	6.6	1.5	9.0	0.6

Notes: Air and Sea: only domestic and intra-EU-28 transport; provisional estimates.
P2W: Powered two-wheelers.

Modal Split of Passenger Transport on Land by Country – 2013

pkm as %				
	PASSENGER CARS	BUSES & COACHES	RAILWAYS	TRAM & METRO
EU-28	81.7	9.2	7.4	1.7
BE	76.8	15.0	7.3	0.9
BG	79.6	16.0	2.8	1.6
CZ	66.3	16.1	7.7	9.8
DK	79.6	9.8	10.2	0.4
DE	84.4	5.7	8.4	1.6
EE	80.3	17.2	1.6	0.9
IE	83.0	14.0	2.7	0.3
EL	80.1	17.6	0.9	1.4
ES	79.6	13.0	6.0	1.4
FR	83.9	5.4	9.1	1.6
HR	84.0	11.3	3.0	1.7
IT	79.7	13.2	6.3	0.9
CY	81.5	18.5	-	-
LV	78.7	15.6	4.8	0.9
LT	91.4	7.8	0.8	-
LU	82.9	12.4	4.7	-
HU	65.3	21.6	9.9	3.2
MT	83.0	17.0	-	-
NL	82.5	6.6	10.0	0.8
AT	74.2	9.4	12.2	4.1
PL	78.4	13.9	6.1	1.5
PT	88.2	6.8	3.9	1.0
RO	76.2	12.3	4.2	7.4
SI	86.3	11.4	2.3	-
SK	77.2	14.9	7.1	0.8
FI	84.3	9.8	5.2	0.7
SE	82.4	6.6	9.1	1.9
UK	84.6	5.6	8.2	1.6
AL	87.6	12.3	0.1	-
ME	95.7	2.6	1.7	-
MK	80.3	18.6	1.1	-
RS	77.7	20.2	1.8	0.3
TR	-	-	-	-
IS	88.6	11.4	-	-
NO	88.8	5.4	4.7	1.1
CH	77.1	5.0	16.9	1.0
EU-28	80.0	9.0	7.3	1.6

Note: If powered two-wheelers are included, they account for 2.14% of the total in EU-28, while the share of the other modes becomes:

EU-28	80.0	9.0	7.3	1.6
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Passenger Cars

	billion pkm							CHANGE '12/'13
	1990	1995	2000	2005	2010	2012	2013	
EU-28	3 934.8	4 355.4	4 591.3	4 716.8	4 614.1	4 672.3	1.3	
BE	89.5	96.4	102.5	102.8	109.4	110.2	109.8	-0.3
BG		25.0	26.9	35.1	46.9	49.7	51.4	3.3
CZ		54.5	63.9	68.6	63.6	64.6	64.7	0.0
DK	47.2	48.4	50.6	49.8	51.7	52.6	53.2	1.2
DE	683.1	815.3	831.3	856.9	887.0	896.3	899.3	0.3
EE		5.1	6.7	9.9	10.1	10.8	11.2	4.0
IE	28.5	31.6	34.6	44.4	48.1	46.6	48.0	3.1
EL	35.0	44.0	63.0	85.0	99.6	96.9	95.8	-1.2
ES	174.4	250.4	302.6	337.8	341.6	321.0	316.5	-1.4
FR	611.1	671.7	744.5	788.1	796.9	801.1	805.5	0.6
HR		12.5	20.0	24.0	25.7	26.1	26.1	0.0
IT	522.6	614.7	713.9	677.0	698.4	578.7	620.4	7.2
CY		3.4	3.9	4.8	5.9	6.0	5.9	-0.5
LV		7.5	11.5	12.1	12.3	11.5	11.7	1.8
LT		16.0	26.0	34.8	32.6	34.2	33.3	-2.5
LU	4.0	4.7	5.6	6.3	6.5	6.7	6.9	1.7
HU	47.0	45.4	46.2	49.4	52.6	51.8	51.8	0.1
MT		1.7	1.8	2.0	2.2	2.2	2.3	2.3
NL	137.3	131.4	141.1	148.8	135.1	136.4	145.4	6.6
AT	55.7	62.2	66.7	70.6	73.5	74.2	74.8	0.9
PL		110.7	130.1	152.3	188.8	208.5	213.1	2.2
PT	40.0	52.5	71.0	85.0	83.7	82.1	81.9	-0.3
RO		40.0	51.0	61.0	75.5	77.0	80.4	4.3
SI	13.3	16.3	20.3	22.5	25.6	25.3	25.2	-0.5
SK		18.0	23.9	25.8	26.9	26.9	27.2	0.8
FI	51.2	50.0	55.7	61.9	64.7	65.3	65.1	-0.2
SE	85.9	87.6	101.4	107.4	108.0	109.6	107.6	-1.8
UK	588.0	617.9	638.6	667.2	644.0	641.6	637.7	-0.6
AL		4.8	5.1	6.6	5.5	6.7	7.6	14.0
ME					4.1	4.0	4.1	2.4
MK		3.7	4.2	4.5	5.5	5.3	6.0	14.6
RS					30.6	26.5	27.1	2.2
TR	34.3	52.7	79.0	100.0	137.9	162.3	173.3	6.8
IS		3.0	3.8	4.6	5.0	4.8	5.0	2.9
NO	43.5	44.7	51.2	54.0	58.8	60.7	61.5	1.3
CH	73.3	69.6	75.0	77.8	83.8	86.7	88.3	1.9

Notes: Data are not harmonised and therefore not fully comparable.
2013 data may be provisional.
Generally vans are not considered in this table, but there may be exceptions.
FR: passenger-km include transport activity on the territory of vehicles not registered in France. Includes foreign vans.
UK: data refer to Great Britain only; include pkm by vans.
DE: incl. DE-E: 1970=24.5, 1980=56.0, 1990=90.3.

Buses & Coaches

	billion pkm							CHANGE '12/'13
	1990	1995	2000	2005	2010	2012	2013	
EU-28	502.5	548.3	540.7	527.8	524.1	526.5	0.5	
BE	11.4	13.1	13.3	17.5	17.4	17.9	21.5	20.1
BG	26.0	11.6	14.6	13.7	10.6	10.5	10.3	-1.6
CZ		18.6	16.2	15.6	17.0	15.3	15.7	2.6
DK	6.4	7.3	7.4	7.2	6.8	6.5	6.5	0.3
DE	73.1	68.5	69.0	67.1	61.8	59.4	60.5	1.9
EE	4.5	2.0	2.6	2.7	2.1	2.2	2.4	8.1
IE	3.9	5.2	7.0	7.9	8.5	8.1	8.1	0.3
EL	17.7	20.2	21.7	21.7	21.1	21.1	21.0	-0.3
ES	33.4	39.6	50.3	53.2	50.9	54.5	51.8	-4.9
FR	40.7	41.2	42.0	42.5	49.9	51.6	52.3	1.4
HR	7.0	4.1	3.3	3.4	3.2	3.2	3.5	7.9
IT	84.0	87.1	93.4	101.0	102.2	101.2	102.6	1.3
CY		1.0	1.1	1.3	1.3	1.4	1.3	-1.4
LV	5.9	1.8	2.3	2.9	2.3	2.4	2.3	-1.7
LT	7.9	4.2	2.8	3.7	2.7	2.7	2.8	4.1
LU	0.5	0.5	0.6	0.8	0.9	1.0	1.0	2.1
HU	19.3	16.6	18.7	17.8	16.5	17.1	17.1	0.4
MT		0.4	0.5	0.5	0.5	0.5	0.5	-1.7
NL	13.0	12.0	11.3	11.8	12.1	11.3	11.7	3.8
AT	8.0	8.7	9.2	9.3	9.6	9.5	9.5	0.2
PL	46.3	34.0	59.2	49.2	41.7	39.4	37.8	-4.1
PT	10.3	11.3	11.8	6.4	6.1	6.0	6.3	4.4
RO	24.0	12.3	12.0	11.8	12.0	12.6	12.9	2.7
SI	6.5	4.1	3.5	3.1	3.2	3.2	3.3	2.6
SK		14.4	9.3	8.5	5.3	5.4	5.3	-3.2
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	8.6	8.7	8.7	0.2
UK	47.1	44.8	48.0	44.0	46.2	43.7	41.9	-4.1
AL	2.2	0.2	0.2	0.3	2.4	1.0	1.1	8.1
ME					0.1	0.1	0.1	-2.9
MK		0.9	0.9	1.1	1.4	1.4	1.4	-0.6
RS					7.1	7.1	7.1	-0.9
TR		85.7	87.4	95.0	89.1	96.6	94.8	-1.8
IS		0.4	0.5	0.6	0.6	0.6	0.6	2.9
NO	3.9	3.8	4.1	4.3	4.5	3.8	3.7	-1.3
CH	3.3	5.5	4.8	5.3	5.5	5.7	5.8	1.2

Notes: Data are not harmonised and therefore not fully comparable.
Many data for 2013 are provisional.
CS: 1990: 43.4.
UK: GB data + 1.5 bln pkm throughout to account for Northern Ireland.

Tram & Metro

	billion pkm							%
	1990	1995	2000	2005	2010	2012	2013	
EU-28		71.9	78.4	83.9	92.2	94.6	95.4	0.8
BE	0.7	0.8	0.9	0.9	1.1	1.2	1.2	1.7
BG	0.6	0.3	0.4	0.4	0.9	1.0	1.0	-1.0
CZ		7.7	8.1	7.9	9.0	9.5	9.6	0.8
DK	-	-	-	0.2	0.2	0.3	0.3	3.6
DE	15.1	14.4	14.6	15.5	16.3	16.6	16.7	0.6
EE		0.1	0.1	0.1	0.1	0.1	0.1	31.2
IE	-	-	-	0.1	0.1	0.1	0.1	4.0
EL	0.8	0.7	1.2	1.5	1.7	1.7	1.7	-0.3
ES	4.4	4.3	5.2	6.0	6.3	6.0	5.7	-4.9
FR	10.5	9.3	11.6	13.3	14.7	15.2	15.2	-0.2
HR		0.5	0.5	0.5	0.5	0.5	0.5	2.0
IT	4.2	5.2	5.6	6.0	7.1	6.5	6.9	5.8
CY	-	-	-	-	-	-	-	-
LV	0.7	0.3	0.3	0.3	0.1	0.1	0.1	9.0
LT	-	-	-	-	-	-	-	-
LU	-	-	-	-	-	-	-	-
HU		2.5	2.6	2.4	2.5	2.5	2.5	0.5
MT	-	-	-	-	-	-	-	-
NL	1.3	1.4	1.4	1.5	1.6	1.4	1.5	3.8
AT	2.8	3.3	3.6	3.8	4.1	4.1	4.2	2.4
PL		5.0	4.7	4.4	4.3	4.4	4.1	-6.7
PT	0.7	0.5	0.5	0.8	1.1	1.0	0.9	-8.4
RO		6.0	6.0	6.6	7.1	7.5	7.8	2.7
SI	-	-	-	-	-	-	-	-
SK		0.4	0.4	0.4	0.3	0.3	0.3	-4.9
FI	0.4	0.4	0.5	0.5	0.5	0.5	0.5	-0.2
SE	2.0	1.9	2.0	2.0	2.3	2.4	2.5	4.0
UK	6.5	6.8	8.3	8.7	10.2	11.6	11.9	3.4
AL	-	-	-	-	-	-	-	-
ME	-	-	-	-	-	-	-	-
MK	-	-	-	-	-	-	-	-
RS					0.1	0.1	0.1	4.0
TR								
IS	-	-	-	-	-	-	-	-
NO	0.4	0.4	0.5	0.5	0.6	0.7	0.7	10.4
CH		1.5	1.4	0.8	1.0	1.1	1.1	-0.9

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

Railways

	billion pkm							% UNDER PSO (*) 2013	%
	1990	1995	2000	2005	2010	2012	2013		
EU-28	404.1	350.3	371.5	377.4	405.3	419.6	424.2	66.3	1.1
BE	6.5	6.8	7.7	8.5	10.6	10.3	10.5	89.3	2.0
BG	7.8	4.7	3.5	2.4	2.1	1.9	1.8	88.1	-2.6
CZ	13.3	8.0	7.3	6.7	6.6	7.2	7.5		4.4
DK	5.1	4.9	5.5	6.0	6.3	6.7	6.8	96.0	0.6
DE	61.0	71.0	75.4	76.8	83.9	88.8	89.0	60.3	0.2
EE	1.5	0.4	0.3	0.2	0.2	0.2	0.2	90.0	-5.1
IE	1.2	1.3	1.4	1.8	1.7	1.6	1.6	100.0	-0.6
EL	2.0	1.6	1.9	1.9	1.4	0.8	1.1	100.0	26.9
ES	15.5	16.6	20.1	21.2	22.3	22.5	23.8		5.8
FR	63.7	54.2	69.4	76.0	85.6	88.0	87.4	37.1	-0.7
HR	3.4	1.1	1.3	1.2	1.7	1.1	0.9	67.4	-13.4
IT	44.7	46.7	49.6	50.1	47.2	46.8	48.7	61.1	4.2
CY	-	-	-	-	-	-	-	-	-
LV	5.4	1.4	0.7	0.9	0.7	0.7	0.7	88.5	0.6
LT	3.6	1.1	0.6	0.3	0.2	0.3	0.3	64.5	0.0
LU	0.2	0.3	0.3	0.3	0.3	0.4	0.4	100.0	2.9
HU	11.4	8.4	9.7	9.9	7.7	7.8	7.8	95.3	0.5
MT	-	-	-	-	-	-	-	-	-
NL	11.1	16.4	14.7	15.2	15.4	17.8	17.7	96.3	-0.6
AT	8.9	10.1	8.7	8.7	10.3	10.9	12.3		13.2
PL	50.4	26.6	24.1	17.9	17.5	17.7	16.7	86.5	-5.7
PT	5.7	4.8	4.0	3.8	4.1	3.8	3.6	67.8	-4.0
RO	30.6	18.9	11.6	8.0	5.4	4.6	4.4	96.4	-3.7
SI	1.4	0.6	0.7	0.7	0.7	0.7	0.7	98.3	3.0
SK	6.4	4.2	2.9	2.2	2.3	2.5	2.5	90.2	1.1
FI	3.3	3.2	3.4	3.5	4.0	4.0	4.1	31.1	0.4
SE	6.6	6.8	8.2	8.9	11.2	11.8	11.9	50.0	0.6
UK	33.4	30.3	38.4	44.6	55.8	61.0	62.0	95.5	1.7
AL	0.8	0.2	0.1	0.1	0.0	0.0	0.0		-25.0
ME					0.1	0.1	0.1		17.0
MK		0.7	0.7	0.1	0.2	0.1	0.1		-19.2
RS					0.5	0.5	0.6		13.3
TR	6.4	5.8	5.8	5.0	5.5	4.6	3.8		-17.9
IS	-	-	-	-	-	-	-	-	-
NO	2.1	2.4	2.6	2.7	3.1	3.1	3.3	74.6	4.4
CH	12.7	11.7	12.6	16.1	19.2	19.3	19.4		0.6

Notes: (*) Public Service Obligation (PSO) means a requirement defined or determined by a competent authority in order to ensure public passenger transport services in the general interest that an operator, if it were considering its own commercial interests, would not assume or would not assume to the same extent or under the same conditions without reward.

BE: 2010 and 2012 pkm values based on quarter data from Eurostat. These figures may exclude some railway undertakings not obliged to detailed quarter reporting.
 UK: share of PSO excludes Northern Ireland.

Rail

HIGH-SPEED RAIL TRANSPORT (*)

	billion pkm											EU-28	CHANGE	
	BE	CZ	DE	ES	FR	IT	NL	PT	SI	FI	SE			UK
1990	-	-	-	-	14.92	0.30	-	-	-	-	0.01	-	15.23	
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	4.36	108.73	2.7
2012	0.91	0.27	24.75	11.18	51.09	12.79	0.32	0.46	0.01	0.71	2.95	4.36	109.80	1.0
2013	0.91	0.25	25.18	12.74	50.79	12.79	0.36	0.47	0.01	0.76	3.06	4.36	111.67	1.7

Notes: 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.

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

												EU-28	
	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	10.0	4.1	28.8	52.3	60.4	24.5	1.9	12.6	1.9	16.4	26.3	1.8	26.1
2011	8.7	4.2	27.4	49.3	58.5	26.2	1.8	11.2	1.7	18.3	24.8	7.4	26.2
2012	8.8	3.7	28.0	49.7	57.4	28.7	1.9	12.1	1.6	17.5	25.0	7.2	26.2
2013	8.6	3.3	28.3	53.6	58.1	26.3	2.1	12.7	1.6	18.7	25.8	7.0	26.3

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

USA

PERFORMANCE BY MODE OF TRANSPORT: PASSENGERS

	billion pkm						TOTAL
	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	
1990	5280.5	20.0	28.2	195.7	12.3	556.6	6093.3
1995	5702.0	17.3	25.9	219.3	14.7	650.0	6629.2
2000	6372.2	24.9	31.1	505.5	17.3	834.6	7785.6
2001	6481.2	22.7	31.8	443.2	17.7	783.0	7779.6
2002	6626.4	22.8	30.8	455.3	17.6	778.2	7931.2
2003	6689.0	23.3	31.0	456.9	17.8	813.6	8031.5
2004	6884.5	30.6	32.0	461.7	18.2	898.3	8325.2
2005	6952.4	28.2	31.9	449.1	18.0	939.5	8418.9
2006	6972.4	39.2	32.4	479.3	19.7	947.0	8489.9
2007	6987.7	43.7	35.3	495.5	21.0	977.8	8561.1
2008	6837.8	42.5	37.1	506.0	21.1	938.7	8383.2
2009	5834.8	36.1	36.6	491.1	21.4	887.9	7308.0
2010	5866.7	32.0	36.7	470.7	20.8	908.8	7335.7
2011	5874.5	32.1	38.6	470.5	22.0	926.4	7364.0
2012	5905.1	37.1	39.1	504.6	21.9	934.2	7442.0
2013	5935.6	35.3	39.9	517.7	23.0	949.0	7500.6

AVERAGE ANNUAL CHANGE

	% per year						TOTAL
	PASSENGER CARS (*)	MOTOR-CYCLES	RAILWAY	BUS	LIGHT AND COMMUTER RAIL	AIR	
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
2010	0.5	-11.3	0.5	-4.2	-2.8	2.3	0.4
2011	0.1	0.2	5.1	0.0	5.6	1.9	0.4
2012	0.5	15.6	1.4	7.2	-0.5	0.8	1.1
2013	0.5	-4.8	2.0	2.6	5.1	1.6	0.8
'90/'95	1.5	-2.8	-1.7	2.3	3.5	3.2	1.7
'95/'00	2.2	7.5	3.7	18.2	3.4	5.1	3.3
'00/'13	-0.5	2.7	1.9	0.2	2.2	1.0	-0.3

MODAL SPLIT

	% per year					
	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
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
2011	79.8	0.4	0.5	6.4	0.3	12.6
2012	79.3	0.5	0.5	6.8	0.3	12.6
2013	79.1	0.5	0.5	6.9	0.3	12.7

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

Source: US Department of Transportation

Air: PASSENGER TRAFFIC BETWEEN MEMBER STATES

REPORTER	TOTAL PASSENGERS CARRIED (*)													
	PARTNER													
	BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR	IT	CY	LV
BE	40.4	151.5	250.4	479.7	1 493.9	48.1	422.1	793.2	4 468.1	1 795.3	129.6	2 956.8	56.5	107.3
BG	160.0	182.4	210.0	77.9	1 313.9	23.2	28.4	89.7	268.7	201.5	0.6	337.3	59.4	20.0
CZ	250.4	208.7	83.0	222.0	1 068.2	0.8	106.2	583.7	665.6	964.7	38.5	883.8	23.1	26.3
DK	479.4	78.2	222.1	1 890.1	2 485.1	117.7	252.7	671.8	2 353.6	1 325.0	130.7	1 230.5	60.3	169.0
DE	1 504.1	1 302.6	1 095.5	2 499.7	22 616.9	273.1	1 503.3	4 295.9	23 128.9	8 336.7	1 416.7	11 320.4	261.1	623.8
EE	48.2	22.6	0.8	118.0	271.1	19.2	21.6	16.0	64.2	12.1	0.3	51.9	2.5	198.0
IE	423.2	28.0	106.8	252.9	1 495.7	21.8	57.1	56.4	3 048.9	1 553.4	78.9	963.7	7.1	107.7
EL	797.1	89.1	584.0	674.0	4 361.0	16.6	56.5	5 111.5	357.8	1 758.2	25.1	2 223.7	970.2	32.7
ES	4 423.8	267.6	664.2	2 353.0	22 867.0	63.8	3 038.0	356.7	28 599.5	10 251.4	138.3	9 609.1	19.7	92.5
FR	1 819.3	203.3	968.6	1 336.0	7 185.0	12.6	1 568.3	1 773.7	9 394.8	28 730.4	474.8	9 959.9	67.2	130.9
HR	146.4	0.6	39.5	130.4	1 469.6	0.4	78.6	13.2	139.8	468.8	441.2	138.3	0.1	6.6
IT	2 966.4	337.2	886.0	1 229.3	11 303.0	54.4	964.8	2 222.1	9 662.2	9 937.6	178.9	28 416.3	116.3	237.5
CY	54.6	59.4	23.4	61.2	269.5	2.5	7.1	960.3	19.7	68.2	0.1	117.0	0.0	7.8
LV	107.5	19.6	26.5	168.8	619.3	196.1	107.8	32.5	98.6	130.1	0.1	239.7	8.1	0.3
LT	113.3	29.2	3.4	205.6	373.2	37.7	166.8	76.5	146.1	79.7	0.2	219.1	13.1	217.3
LU	1.0	24.7	0.1	63.3	330.3			53.4	295.9	117.8	3.5	162.4	0.4	0.1
HU	424.4	38.4	68.1	136.0	1 404.0	0.1	163.4	125.4	321.5	502.9	0.4	720.3	60.8	23.1
MT	83.5	17.1	12.1	66.8	579.2	0.3	59.6	15.3	167.2	242.5	4.1	731.5	22.6	5.5
NL	210.8	206.5	519.6	1 254.5	3 480.1	87.2	806.3	1 173.6	5 545.1	2 994.5	105.2	3 528.0	71.1	139.2
AT	415.2	431.9	161.8	474.9	6 534.6	5.4	126.8	778.7	1 344.8	1 064.7	266.2	1 174.1	168.6	75.3
PL	454.4	239.6	155.6	458.1	3 213.8	25.7	927.7	696.4	1 172.4	951.1	63.0	1 306.5	90.0	65.7
PT	816.4	0.6	89.1	294.4	3 086.5	2.2	683.4	3.7	2 723.3	3 984.3	25.5	1 239.5	0.0	1.2
RO	297.1	36.1	79.5	29.4	1 493.7	0.3	74.5	243.3	1 033.0	703.2	0.1	2 229.7	108.9	0.0
SI	87.2	3.5	0.5	18.2	214.8			47.6	7.7	76.5	1.0	2.3	0.9	0.0
SK	65.4	94.5	59.1	10.2	2.5		98.3	86.4	106.3	32.2	4.0	192.4	3.2	1.1
FI	184.4	50.8	182.3	841.1	1 648.9	205.6	36.5	379.4	1 415.5	594.1	101.1	486.1	55.5	285.8
SE	427.5	42.8	184.6	1 723.8	2 859.3	140.6	150.1	822.0	2 904.5	1 123.0	216.9	789.4	236.0	205.0
UK	1 294.7	927.0	1 393.2	2 775.8	12 211.4	145.3	9 668.5	4 937.6	32 959.2	10 768.6	882.4	11 023.1	2 346.4	548.9

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

2013

INCLUDING DOMESTIC FLIGHTS (1 000)														
LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK	
112.3	1.3	423.0	82.5	207.9	413.0	427.4	820.2	297.6	87.1	64.5	183.1	424.6	1 286.7	
29.2	25.2	35.1	14.6	207.2	430.9	249.7	0.6	49.5	3.6	71.0	50.8	42.4	978.8	
3.3	0.1	62.4	12.0	519.5	159.7	154.5	100.5	77.0	0.0	56.2	181.2	184.6	1 387.4	
204.8	62.8	135.6	67.3	1 257.9	472.5	456.2	301.9	31.1	18.3	9.2	832.9	1 696.6	2 791.5	
374.0	332.7	1 387.0	579.9	3 497.8	6 547.3	3 223.5	3 124.8	1 493.8	216.0	1.9	1 647.9	2 853.7	12 190.1	
37.2	0.0	0.0	0.4	87.0	5.3	25.4	2.2				218.8	136.0	143.7	
162.3	0.0	163.5	59.1	804.5	126.1	858.7	685.3	76.1		95.7	35.9	150.0	9 643.8	
76.8	50.9	126.4	17.3	1 170.8	781.6	699.7	3.5	230.1	42.6	85.4	375.6	791.4	4 953.6	
150.2	290.9	323.3	166.3	5 510.3	1 335.2	1 152.8	2 767.3	1 032.6	5.0	102.0	1 397.4	2 764.3	32 734.2	
79.8	120.4	448.3	237.4	3 021.8	1 017.1	944.8	4 134.0	706.2	77.3	31.8	591.1	1 131.1	11 051.6	
4.7	3.6	51.1	4.1	105.0	274.3	60.7	22.5	0.1	1.0	5.5	100.0	219.5	892.3	
218.4	160.3	714.0	730.0	3 526.6	1 172.0	1 259.4	1 245.6	2 116.1	2.2	193.0	483.3	803.3	11 033.5	
12.8	0.4	61.3	22.8	71.3	168.1	97.4	0.0	111.2	5.5	3.3	54.1	223.5	2 330.5	
214.9	0.1	21.8	5.4	139.5	75.1	65.6	1.4	0.0		1.1	285.8	205.8	544.3	
0.1	0.0		21.2	75.4	55.4	95.2	1.8	0.1	1.0	0.0	100.5	49.1	739.9	
	1.0	0.0	3.2	124.5	68.8	0.6	193.3			0.0	0.3	0.3	370.1	
0.0	0.0	0.3	35.1	627.9	104.1	184.0	68.1	85.7	0.0	0.0	214.7	335.7	1 330.0	
21.2	3.9	35.2	0.3	103.6	81.5	47.5	0.2	7.9	5.3	2.5	1.4	81.3	1 160.3	
75.4	123.6	598.3	102.6	1.2	744.7	627.5	1 533.2	418.5	23.4	0.2	492.9	982.1	8 176.8	
55.3	68.6	104.3	81.0	747.1	621.3	295.9	109.9	503.2	53.2	55.1	157.4	347.9	1 544.4	
94.8	0.7	189.0	47.8	640.1	295.7	1 217.2	137.4	84.2	0.3	0.5	227.2	712.9	5 312.2	
2.0	187.5	77.6	0.1	1 526.3	109.0	135.7	2 837.9	57.3		0.7	118.4	160.4	5 446.6	
0.0	0.1	84.9	7.6	420.0	505.6	78.4	54.5	565.9	0.2	0.3	0.9	0.4	826.3	
1.0	0.0	0.0	5.3	23.4	53.2	0.1	0.0	0.2		0.0	31.4	0.2	139.2	
0.0	0.1	0.6	2.5	0.6	55.2	0.6	0.8	0.0	0.1	19.7	1.0	0.6	439.5	
100.4	0.3	215.9	1.4	496.4	157.7	228.3	127.2	0.4	31.8	1.1	2 439.5	1 498.9	1 021.1	
48.8	0.1	335.5	80.4	1 090.6	347.5	692.7	166.2	0.2	0.4	0.3	1 503.0	7 063.7	2 568.1	
731.8	369.8	1 264.7	1 156.9	8 196.3	1 537.7	5 125.8	5 505.9	821.5	138.9	431.7	1 013.0	2 576.2	21 318.3	

Air: MAJOR EUROPEAN AIRLINES

DOMESTIC + INTERNATIONAL

RANKING	BILLION REVENUE PASSENGER-KILOMETRES					CHANGE '12/'13	%	
	AIRLINE	2000	2005	2010	2012			2013
1	Deutsche Lufthansa	DE	94.289	112.794	129.671	149.780	153.334	2.4
2	Air France ⁽¹⁾	FR	91.848	115.879	125.048	135.824	136.435	0.5
3	British Airways	UK	119.385	110.939	105.554	126.436	131.333	3.9
4	Ryanair ⁽²⁾	IE	3.386	24.008	72.165	94.262	96.324	2.2
5	THY Turkish Airlines	TR	17.396	20.452	46.538	74.638	92.000	23.3
6	KLM Royal Dutch Airlines ⁽¹⁾	NL	60.331	68.322	76.065	86.281	89.039	3.2
7	Easyjet ⁽³⁾	UK	4.730	27.448	56.128	65.227	67.573	3.6
8	Air Berlin	DE	7.813	20.530	45.244	48.720	48.575	-0.3
9	Iberia	ES	40.043	48.917	51.274	49.663	41.493	-16.5
10	Virgin Atlantic Airways	UK	29.471	32.118	38.158	39.406	39.538	0.3
11	Alitalia ⁽⁴⁾	IT	40.846	37.236	32.906	36.192	35.570	-1.7
12	SWISS Intern. Airlines	CH	3.481	20.471	29.522	33.527	35.093	4.7
13	SAS Scandinavian Airlines	SE/ DK/ NO	22.922	27.724	23.495	27.798	32.658	17.5
14	Thomson Airways	UK		23.337	32.714	32.073	31.575	-1.6
15	TAP Portugal	PT	10.414	14.536	23.649	27.226	28.152	3.4
16	Norwegian	NO		2.703	13.774	20.353	26.881	32.1
17	Finnair	FI	7.467	16.735	19.222	23.563	24.776	5.1
18	Condor	DE		22.245	19.888	23.779	24.621	3.5
19	Thomas Cook Airlines	UK		14.220	27.385	22.541	19.809	-12.1
20	Air Europa	ES	8.831	13.442	17.180	17.429	19.427	11.5
21	Wizz Air	HU			12.278	16.000	18.017	12.6
22	Austrian Airlines	AT	17.967	22.894	17.494	17.952	17.705	-1.4
23	Vueling	ES		1.661	9.932	13.693	17.109	24.9
24	Pegasus Airlines	TR		5.123	10.662	12.070	16.231	34.5
25	Monarch	UK	13.658	13.549	15.127	14.854	15.281	2.9
26	Aer Lingus	IE	8.900	13.100	13.895	14.523	14.807	2.0
27	Transavia Airlines	NL		8.726	10.644	11.250	12.254	8.9
28	Tuifly	DE		17.213	10.708	11.428	11.000	-3.7
29	Jet2	UK		3.105	6.219	9.405	10.807	14.9
30	Sunexpress	TU		3.938	10.840	10.398	9.777	-6.0
31	SN Brussels Airlines	BE	2.347	4.559	7.314	9.215	9.772	6.0
32	Thomas Cook Scandinavia	DK	10.118	7.500	8.354	9.446	9.083	-3.8

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	(arriving + departing + in transit) MILLION PASSENGERS					CHANGE '12/'13	%	
	AIRPORT AND COUNTRY	2000	2005	2010	2012			2013
1	London / Heathrow	UK	64.29	67.68	65.74	69.98	72.33	3.36
2	Paris / Charles de Gaulle	FR	49.67	53.38	57.95	61.38	61.89	0.84
3	Frankfurt (Main)	DE	48.96	51.79	52.65	57.26	57.88	1.08
4	Amsterdam / Schiphol	NL	39.27	44.08	45.15	50.99	52.54	3.05
5	Madrid / Barajas	ES	32.71	41.72	49.80	45.12	39.66	-12.11
6	München	DE	22.87	28.45	34.52	38.19	38.52	0.87
7	Roma / Fiumicino	IT	25.94	27.78	35.95	36.74	35.94	-2.19
8	London / Gatwick	UK	31.95	32.69	31.34	34.21	35.43	3.55
9	Barcelona	ES	19.44	27.02	29.18	35.07	35.18	0.30
10	Paris / Orly	FR	23.83	24.85	25.16	27.19	28.25	3.88
11	København / Kastrup	DK	18.11	19.82	21.39	23.22	23.97	3.22
12	Palma de Mallorca	ES	19.25	21.22	21.08	22.61	22.74	0.58
13	Wien / Schwechat	AT	11.92	15.85	19.68	22.20	22.04	-0.71
14	Düsseldorf	DE	15.97	15.39	18.91	20.80	21.20	1.91
15	Manchester	UK	18.32	22.08	17.66	19.65	20.68	5.22
16	Stockholm / Arlanda	SE	18.61	17.16	16.96	19.69	20.67	5.02
17	Dublin	IE	13.66	18.33	18.41	19.08	20.14	5.55
18	Berlin / Tegel	DE	10.24	11.47	14.97	18.15	19.58	7.87
19	Brussel-Bruxelles / Brussels	BE	21.60	15.95	16.98	18.82	18.98	0.90
20	London / Stansted	UK	11.86	21.99	18.56	17.46	17.84	2.20
21	Milano / Malpensa	IT	20.55	19.49	18.71	18.33	17.78	-2.99
22	Lisboa	PT	9.21	11.24	14.05	15.31	16.03	4.64
23	Helsinki / Vantaa	FI	10.00	11.13	12.86	14.85	15.27	2.83
24	Hamburg	DE	9.82	10.57	12.88	13.68	13.48	-1.41
25	Malaga	ES	9.36	12.61	12.02	12.52	12.87	2.78
26	Athina / Eleftherios Venizelos	EL	13.35	14.27	15.30	12.86	12.47	-3.07
27	Nice / Côte d'Azur	FR	9.33	9.74	9.59	11.18	11.54	3.24
28	Praha / Ruzyně	CZ	5.55	10.72	11.51	10.77	10.95	1.63
29	Warszawa / Okęcie	PL	4.33	7.08	8.73	9.61	10.70	11.35
30	Edinburgh	UK	5.37	8.45	8.59	9.19	9.77	6.32
31	London / Luton	UK	6.16	9.13	8.73	9.61	9.69	0.83
32	Alicante	ES	5.98	8.93	9.37	8.84	9.62	8.87
33	Stuttgart	DE	7.98	9.25	9.14	9.68	9.55	-1.37
34	Las Palmas / Gran Canaria	ES	9.12	9.69	9.28	9.66	9.54	-1.30
35	Birmingham	UK	7.49	9.31	8.56	8.92	9.11	2.22
36	Köln-Bonn	DE	6.19	9.39	9.79	9.26	9.05	-2.23
37	Milano / Linate	IT	6.02	9.09	8.30	9.18	8.98	-2.09
38	Bergamo / Orio al Serio	IT	1.24	4.29	7.66	8.88	8.95	0.86
39	Tenerife Sur / Reina Sofia	ES	8.72	8.78	7.19	8.38	8.57	2.17
40	Lyon / Saint-Exupéry	FR	5.92	6.46	7.79	8.37	8.50	1.61

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	AIRPORT PAIRS	(arriving + departing from first named airport)				CHANGE '12/'13
		2005	2010	2012	2013	
		1 000				%
1	Toulouse / Blagnac - Paris / Orly	2 327.1	2 193.7	2 330.0	2 379.1	2.1
2	Barcelona - Madrid / Barajas	4 301.0	3 083.8	2 550.2	2 213.2	-13.2
3	Nice / Côte d'Azur - Paris / Orly	2 262.9	2 104.6	2 175.0	2 160.3	-0.7
4	Frankfurt (Main) - Berlin / Tegel	1 545.6	1 609.4	1 813.1	1 845.6	1.8
5	München - Berlin / Tegel	1 419.2	1 580.0	1 731.1	1 831.7	5.8
6	Hamburg - München	1 450.5	1 653.0	1 719.2	1 713.2	-0.3
7	London / Heathrow - Dublin	2 089.4	1 493.1	1 577.6	1 663.9	5.5
8	Catania / Fontanarossa - Roma / Fiumicino	1 368.7	1 717.8	1 694.4	1 566.8	-7.5
9	Düsseldorf - München	1 381.5	1 533.4	1 553.4	1 558.2	0.3
10	Frankfurt (Main) - London / Heathrow	1 522.5	1 259.8	1 474.5	1 488.6	1.0
11	London / Heathrow - Amsterdam / Schiphol	1 895.0	1 332.9	1 429.8	1 443.4	1.0
12	Milano / Linate - Roma / Fiumicino	2 414.6	1 522.8	1 378.8	1 416.1	2.7
13	Barcelona - Palma De Mallorca	1 684.0	1 532.5	1 460.1	1 388.9	-4.9
14	Frankfurt (Main) - Hamburg	1 288.3	1 480.6	1 385.9	1 362.4	-1.7
15	London / Heathrow - Edinburgh	1 659.9	1 244.4	1 254.8	1 355.7	8.0
16	København / Kastrup - Stockholm / Arlanda	1 194.1	1 166.0	1 269.2	1 325.7	4.4
17	Frankfurt (Main) - Wien / Schwechat	676.2	952.4	1 182.2	1 307.9	10.6
18	Köln-Bonn - Berlin / Tegel	916.6	1 026.9	1 088.7	1 288.2	18.3
19	London / Heathrow - Madrid / Barajas	1 118.9	1 093.4	1 197.7	1 264.8	5.6
20	Palermo / Punta Raisi - Roma / Fiumicino	1 106.7	1 406.8	1 360.4	1 264.1	-7.1
21	Madrid / Barajas - Palma de Mallorca	1 640.0	1 698.9	1 442.5	1 224.7	-15.1
22	London / Heathrow - Paris / Charles de Gaulle	2 011.1	1 300.1	1 168.4	1 209.9	3.6
23	Amsterdam / Schiphol - Barcelona	1 103.9	1 066.9	1 250.2	1 186.8	-5.1
24	München - London / Heathrow	913.7	970.4	1 104.3	1 156.6	4.7
25	Las Palmas / Gran Canaria - Madrid / Barajas	1 388.1	1 553.7	1 301.5	1 152.9	-11.4
26	Amsterdam / Schiphol - Paris / Charles de Gaulle	1 038.7	990.2	1 124.3	1 126.7	0.2
27	London / Gatwick - Barcelona	558.1	375.9	744.0	1 126.3	51.4
28	Paris / Orly - Pointe-à-Pitre (Guadeloupe) / Pôle Caraïbes	983.3	1 036.0	1 073.2	1 111.8	3.6
29	Paris / Charles de Gaulle - Roma / Fiumicino	1 238.4	1 191.2	1 192.8	1 104.4	-7.4
30	Tenerife Norte - Madrid / Barajas	1 359.4	1 319.7	1 167.7	1 102.7	-5.6
31	Frankfurt (Main) - München	1 303.1	958.4	1 068.9	1 099.9	2.9
32	Düsseldorf - Palma De Mallorca	968.6	900.1	985.5	1 089.8	10.6
33	Düsseldorf - Berlin / Tegel	657.8	930.2	1 012.0	1 082.7	7.0
34	Frankfurt (Main) - Paris / Charles de Gaulle	961.7	928.8	1 107.7	1 039.5	-6.2
35	Madrid / Barajas - Roma / Fiumicino	929.7	1 268.5	1 129.3	1 012.3	-10.4
36	London / Gatwick - Malaga	982.6	909.2	979.0	1 007.2	2.9
37	Barcelona - Paris / Charles de Gaulle	876.3	860.8	1 028.0	1 006.8	-2.1
38	Madrid / Barajas - Paris / Orly	964.3	1 105.9	1 127.3	990.7	-12.1
39	Luleå / Kallax - Stockholm / Arlanda	:	850.1	976.7	988.2	1.2
40	London / Heathrow - Roma / Fiumicino	972.6	1 033.1	1 037.4	980.1	-5.5

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

TOTAL PASSENGERS CARRIED

RANKING	AIRPORT PAIRS	(arriving + departing from first named airport)				CHANGE '12/'13
		2005	2010	2012	2013	
		1 000				%
1	London / Heathrow - New York / J.F. Kennedy Intl, NY, USA	2 940	2 517	2 839	3 015	6.2
2	London / Heathrow - Dubai Intl, United Arab Emirates	1 183	1 787	1 959	2 240	14.3
3	Paris / Charles de Gaulle - New York / J.F. Kennedy Intl, NY, USA	1 730	1 190	1 362	1 407	3.3
4	London / Heathrow - Hong Kong Intl, China	1 258	1 386	1 387	1 382	-0.3
5	London / Heathrow - Los Angeles Intl, CA, USA	1 383	1 189	1 313	1 340	2.0
6	København / Kastrup - Oslo / Gardermoen, Norway	1 247	1 132	1 287	1 315	2.2
7	Stockholm / Arlanda - Oslo / Gardermoen, Norway	937	1 007	1 193	1 195	0.1
8	London / Heathrow - Chicago / O'Hare Intl, IL, USA	1 522	1 137	1 188	1 182	-0.5
9	London / Heathrow - Newark / Liberty Intl, NJ, USA	740	1 092	1 168	1 180	1.0
10	London / Heathrow - Singapore / Changi, Singapore	996	1 022	1 167	1 150	-1.4
11	Paris / Charles de Gaulle - Montreal / Pierre Elliot Trudeau Intl, Canada	929	1 148	1 087	1 099	1.1
12	London / Heathrow - Mumbai / Chhatrapati Shivaji Intl, India	725	957	891	1 046	17.4
13	London / Heathrow - New Delhi / Indira Gandhi Intl, India	384	918	919	1 043	13.5
14	London / Heathrow - Zürich, Switzerland	905	877	1 012	1 039	2.6
15	London / Heathrow - Toronto / Lester B. Pearson Intl, Canada	1 067	941	951	1 014	6.6
16	London / Heathrow - Miami Intl, FL, USA	878	822	1 031	1 010	-2.0
17	London / Heathrow - San Francisco Intl, CA, USA	1 005	861	966	978	1.3
18	London / Heathrow - Genève / Cointrin, Switzerland	570	859	955	971	1.7
19	Paris / Charles de Gaulle - Dubai Intl, United Arab Emirates	439	716	843	969	14.9
20	Wien / Schwechat - Zürich, Switzerland	597	778	908	934	2.8
21	London / Heathrow - Washington / Dulles Intl, DC, USA	1 074	921	954	932	-2.3
22	Berlin / Tegel - Zürich, Switzerland	467	801	905	931	2.9
23	London / Heathrow - Johannesburg Intl, South Africa	995	886	862	915	6.1
24	London / Heathrow - Istanbul / Atatürk, Turkey	525	725	874	906	3.6
25	London / Heathrow - Boston / Gen. E. Lawrence Logan Intl, MA, USA	929	866	996	894	-10.3
26	Düsseldorf - Antalya, Turkey	802	684	884	865	-2.1
27	Frankfurt (Main) - Dubai Intl, United Arab Emirates	491	679	740	828	12.0
28	Paris / Charles de Gaulle - Tel Aviv / Ben Gurion, Israel	608	710	740	818	10.5
29	Frankfurt (Main) - Istanbul / Atatürk, Turkey	661	638	801	817	2.0
30	London / Heathrow - Doha Intl, United Arab Emirates	332	640	805	816	1.4
31	Paris / Charles de Gaulle - Tokio Intl, Japan	-	849	801	815	1.7
32	Paris / Charles de Gaulle - Moscow/Sheremetyevo, Russia	515	642	802	797	-0.6
33	London / Gatwick - Genève, Switzerland	643	624	740	783	5.8
34	Paris / Charles de Gaulle - Istanbul / Atatürk, Turkey	415	688	781	776	-0.6
35	Madrid / Barajas - Buenos Aires / Ezeiza Ministro Pitarini, Argentina	873	858	782	773	-1.1
36	Manchester - Dubai Intl, United Arab Emirates	370	566	693	769	11.0
37	Paris / Orly - Alger, Algeria	640	577	703	767	9.1
38	Amsterdam / Schiphol - Antalya, Turkey	753	614	701	746	6.3
39	Paris / Orly - Casablanca / Mohammed V	-	598	627	718	14.5
40	London / Gatwick - Dubai Intl, United Arab Emirates	483	629	621	716	15.4

Air:

FREIGHT TRAFFIC AT MAJOR EU AIRPORTS

CARGO AND MAIL LOADED AND UNLOADED

RANKING	1 000 TONNES					CHANGE % '12/'13		
	AIRPORT AND COUNTRY		2000	2005	2010		2012	2013
1	Frankfurt (Main)	DE	1 703.4	1 950.6	2 270.2	2 065.5	2 094.7	1.42
2	Amsterdam / Schiphol	NL	1 222.5	1 495.6	1 538.0	1 510.9	1 566.0	3.64
3	London / Heathrow	UK	1 306.8	1 389.3	1 551.3	1 556.0	1 513.7	-2.72
4	Paris / Charles de Gaulle	FR	1 067.0	1 217.8	1 292.5	1 513.9	1 494.9	-1.26
5	Leipzig-Halle	DE	13.7	12.3	637.8	845.9	877.3	3.71
6	Köln-Bonn	DE	438.3	646.8	638.2	730.1	721.7	-1.15
7	Luxembourg	LU	499.9	624.8	705.8	615.3	673.4	9.44
8	Liège / Bierset	BE	270.3	325.7	508.5	510.3	534.2	4.69
9	Milano / Malpensa	IT	295.7	383.8	432.7	414.3	430.3	3.87
10	Brussel-Bruxelles / Brussels	BE	687.4	694.5	385.0	405.3	378.7	-6.56
11	Madrid / Barajas	ES	305.2	360.3	400.5	385.4	367.0	-4.75
12	Nottingham East Midlands	UK	178.8	292.1	304.0	300.0	296.9	-1.04
13	München	DE	148.4	218.2	291.1	290.3	287.7	-0.88
14	London / Stansted	UK	167.8	254.8	229.8	241.4	236.3	-2.12
15	Wien / Schwechat	AT	132.6	180.1	231.8	191.1	190.5	-0.35
16	Helsinki / Vantaa	FI	96.1	114.9	157.5	188.5	187.2	-0.70
17	Roma / Fiumicino	IT	153.3	131.9	164.4	143.2	141.9	-0.93
18	København / Kastrup	DK	419.4	355.1	138.1	152.4	136.8	-10.22
19	Frankfurt / Hahn	DE	75.0	100.9	164.5	175.5	133.3	-24.04
20	Bergamo / Orio al Serio	IT	98.9	135.1	105.8	116.7	115.9	-0.67
21	Dublin	IE	35.5	64.1	105.3	111.1	113.5	2.17
22	London / Gatwick	UK	318.8	232.1	108.6	101.1	100.4	-0.65
23	Barcelona	ES	88.1	94.5	105.9	94.9	98.2	3.40
24	Lisboa	PT	114.6	100.0	105.2	91.0	96.8	6.42
25	Manchester	UK	116.6	150.0	116.6	98.3	96.7	-1.59
26	Düsseldorf	DE	59.4	56.5	87.1	86.7	90.6	4.48
27	Zaragoza	ES	3.5	3.8	42.1	70.9	71.6	0.92
28	Stockholm / Arlanda	SE	154.0	158.0	99.4	74.2	71.3	-3.92
29	Warszawa / Okecie	PL	44.6	31.1	57.1	62.5	64.2	2.71
30	Budapest / Ferihegy	HU	43.5	55.5	65.3	61.9	64.2	3.66
31	Paris / Orly	FR	107.3	80.0	53.7	63.8	63.7	-0.11
32	Athina / Eleftherios Venizelos	EL	123.4	100.7	82.3	66.9	62.7	-6.22
33	Toulouse / Blagnac	FR	37.8	56.2	52.3	59.9	61.0	1.83
34	Marseille / Provence	FR	36.0	51.0	59.6	58.2	56.2	-3.55
35	Maastricht-Aachen	NL	44.3	54.6	62.0	52.5	54.0	2.85
36	Riga	LV	15.4	11.3	31.5	31.5	52.5	66.79
37	Praha / Ruzyně	CZ	51.6	58.2	52.9	51.9	51.9	-1.97
38	Lyon / Saint Exupéry	FR	27.4	38.7	35.2	37.2	45.4	22.08
39	Belfast	UK	30.9	51.3	43.9	44.8	44.0	-1.71
40	Oostende	BE	93.5	108.3	60.0	47.6	43.8	-7.98

Notes: Significant underreporting of Paris airports. Data from airport websites (*in italics*) often include air cargo which in reality is transported by lorry. The figures from airport websites are therefore not always fully comparable with those collected by Eurostat. The extraordinary growth rate for the Leipzig airport in 2008 is mainly due to DHL moving its hub there during 2008.

Air:

MOVEMENTS OF AIRCRAFT AT MAJOR EU AIRPORTS

(TAKE-OFF + LANDING, PASSENGER AND CARGO)

RANKING	(not including general aviation)					CHANGE % '12/'13		
	AIRPORT AND COUNTRY		2005	2010	2011		2012	2013
1	Paris / Charles de Gaulle	FR	543.4	491.9	506.8	491.7	472.6	-3.9
2	London / Heathrow	UK	472.0	449.2	476.3	471.5	469.6	-0.4
3	Frankfurt (Main)	DE	475.6	456.0	480.9	475.5	465.7	-2.1
4	Amsterdam / Schiphol	NL	408.2	390.4	425.2	427.5	430.1	0.6
5	München	DE	382.3	368.2	399.4	387.9	368.4	-5.0
6	Madrid / Barajas	ES	406.3	426.9	422.8	368.6	326.0	-11.6
7	Roma / Fiumicino	IT	299.6	327.3	323.6	309.3	298.0	-3.6
8	Barcelona	ES	294.3	268.5	293.6	281.6	267.7	-4.9
9	London / Gatwick	UK	252.0	233.5	244.5	240.4	244.3	1.6
10	Brussel-Bruxelles / Brussels	BE	262.1	240.6	248.6	238.3	240.5	0.9
11	Paris / Orly	FR	230.8	215.6	228.5	230.6	229.8	-0.3
12	Wien / Schwechat	AT	227.0	242.3	243.4	242.3	228.9	-5.5
13	Stockholm / Arlanda	SE	222.2	185.4	204.3	201.7	210.7	4.5
14	Düsseldorf	DE	189.0	211.4	216.6	212.2	205.8	-3.0
15	Brussel-Bruxelles / Brussels	BE	228.7	205.2	214.2	205.6	198.7	-3.4
16	Berlin / Tegel	DE	137.2	150.5	161.3	163.7	168.5	2.9
17	Helsinki / Vantaa	FI	163.1	169.9	191.8	169.8	165.8	-2.3
18	Dublin	IE	169.6	156.4	160.0	158.6	162.0	2.1
19	Palma De Mallorca	ES	170.5	165.2	172.1	166.1	161.7	-2.6
20	Manchester	UK	218.0	148.9	158.0	160.5	161.1	0.4
21	Nice / Côte d'Azur	FR	158.1	145.2	140.4	161.8	159.0	-1.7
22	Milano / Malpensa	IT	222.2	187.8	183.5	167.6	157.9	-5.8
23	Lisboa	PT	125.9	136.9	139.2	140.7	142.6	1.4
24	Warszawa / Okecie	PL	131.0	133.0	136.5	134.6	138.4	2.8
25	Athina / Eleftherios Venizelos	EL	170.3	186.6	164.8	148.2	134.7	-9.1
26	London / Stansted	UK	178.0	143.0	136.9	131.4	131.9	0.4
27	Hamburg	DE	134.2	138.4	141.1	137.1	129.4	-5.6
28	Praha / Ruzyně	CZ	150.2	147.9	142.6	124.5	121.5	-2.4
29	Stuttgart	DE	135.0	111.7	124.0	121.6	117.5	-3.4
30	Lyon / Saint Exupéry	FR	130.1	116.6	117.9	116.7	113.4	-2.8
31	Köln-Bonn	DE	139.9	120.6	117.6	112.6	107.0	-4.9
32	Edinburgh	UK	116.0	100.6	105.1	102.9	103.8	0.9
33	Aberdeen	UK	89.5	88.0	94.8	98.8	99.9	1.1
34	Marseille / Provence	FR	90.3	97.3	95.6	101.0	97.1	-3.8
35	Malaga	ES	111.1	97.3	99.2	94.2	94.1	-0.1
36	Milano / Linate	IT	93.1	91.5	93.8	95.5	90.6	-5.1
37	Las Palmas / Gran Canaria	ES	98.4	93.2	101.6	90.8	86.1	-5.2
38	Birmingham	UK	113.0	84.8	83.8	84.1	84.9	0.9
39	Toulouse / Blagnac	FR	80.2	79.8	85.1	89.7	84.5	-5.8
40	București / Henri Coandă	RO	90.2	128.1	99.5	84.0	83.2	-1.0

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		
	2011	2012	2013	2011	2012	2013	2011	2012	2013
EU-28	200465	192418	193449	5 939	6 860	6 773			
BE	243	229	194	164	191	236			
BG	0	0	0	0	0	1	17	23	29
CZ	-	-	-	-	-	-	-	-	-
DK	20562	20302	20302	216	216	438	438	438	
DE	14187	14250	14085	430	559	645			
EE	5905	6186	6432	3	8	8	436	425	509
IE	1443	1383	1361	3	0	1	203	162	208
EL	39307	36250	36254	258	211	234			
ES	9571	9547	10455	1348	1252	1174	4760	4424	4540
FR	12539	11991	12493	240	390	392	1630	2031	2263
HR	13395	13358	13659	6	6	7	1345	1390	1436
IT	38566	35485	34107	2239	2934	2458	2509	3993	4869
CY	0	1	2	46	44	49	211	157	169
LV	389	408	432				64	84	68
LT	137	142	138				21	27	33
LU	-	-	-	-	-	-	-	-	-
HU	-	-	-	-	-	-	-	-	-
MT	4263	4224	4537	56	46	51	446	519	382
NL	924	863	940						
AT	-	-	-	-	-	-	-	-	-
PL	1252	1176	1089	1	0	0			
PT	305	254	249	33	28	30			472
RO							27	30	49
SI	14	16	14	2	0	0	98	65	68
SK	-	-	-	-	-	-	-	-	-
FI	9079	9202	9309	15	1	2	364	368	425
SE	15255	14892	14701	44	48	42	499	524	527
UK	13129	12259	12696	834	925	1006			
IS									
NO	2691	2736	2790	203	208	264	814	986	1072
TR	749	726	789	194	184	230			

Source: Eurostat

Sea:

INWARD AND OUTWARD FLOW OF PASSENGERS BY COUNTRY

OUTWARDS

1 000	PASSENGERS			CRUISE PASSENGERS		
	excluding cruise passengers			starting and ending a cruise		
	2011	2012	2013	2011	2012	2013
EU-28	200 301	191 812	193 102	6 039	6 858	6 663
BE	254	237	197	164	193	232
BG	0	1	1			1
CZ	-	-	-	-	-	-
DK	20530	20228	20228	219	219	
DE	14186	14114	14497	430	558	622
EE	5935	6252	6468	4	8	8
IE	1458	1374	1383	2	0	1
EL	39269	36218	36218	349	220	212
ES	9616	9618	10457	1333	1211	1167
FR	12535	12022	12357	238	413	394
HR	13540	13333	13681	6	8	8
IT	38808	35413	33830	2282	2903	2842
CY	0	0	0	46	46	49
LV	397	418	441			
LT	144	145	142			
LU	-	-	-	-	-	-
HU	-	-	-	-	-	-
MT	4246	4219	4532	56	46	51
NL	846	843	833			
AT	-	-	-	-	-	-
PL	1274	1183	1112	1	0	0
PT	305	254	249	34	29	28
RO						
SI	17	18	14	3		
SK	-	-	-	-	-	-
FI	8965	9059	9211	15	2	2
SE	14779	14483	14382	15	49	21
UK	13198	12382	12870	841	951	1026
IS						
NO	3085	3027	2912	151	32	9
TR	697	726	790	202	193	248

Source: Eurostat

Sea:

PASSENGER TRAFFIC AT MAJOR EU SEAPORTS

PASSENGERS EMBARKED AND DISEMBARKED

RANKING	1 000						CHANGE '12/'13	%
	PORT, COUNTRY	2000	2005	2010	2012	2013		
1	Dover	UK	16 197	13 501	13 361	12 076	12 938	7.1
2	Helsinki	FI	9 251	8 854	9 849	10 637	10 756	1.1
3	Paloukia Salaminas	EL		11 663	12 705	11 430	10 724	-6.2
	Perama	EL		11 663	12 705	11 430	10 724	-6.2
5	Calais	FR	15 066	11 695	10 237	9 345	10 372	11.0
6	Stockholm	SE	7 746	8 211	9 147	9 108	8 889	-2.4
7	Tallinn	EE		6 701	7 523	8 417	8 727	3.7
8	Helsingør (Elsinore)	DK	13 322	11 023	8 534	7 822	7 822	0.0
9	Helsingborg	SE	13 525	11 102	8 540	7 841	7 763	-1.0
10	Piraeus	EL	7 289	11 076	9 598	7 924	7 704	-2.8
11	Napoli	IT	6 748	6 084	8 356	7 964	7 306	-7.6
12	Messina	IT	11 898	9 802	10 765	8 126	7 256	-10.7
13	Reggio Calabria	IT	11 839	9 645	9 891	7 760	6 758	-12.9
14	Capri	IT	5 404	3 860	6 517	6 744	6 488	-3.8
15	Rødby (Færgehavn)	DK	5 430	6 761	6 261	6 000	6 000	0.0
16	Puttgarden	DE	5 430	6 760	6 261	5 963	5 944	-0.3
17	Algeciras	ES		4 828	4 663	4 849	5 218	7.6
18	Palma Mallorca	ES	1 864	4 611	4 496	4 292	4 756	10.8
19	Santa Cruz de Tenerife	ES	4 927	4 564	3 807	3 923	4 523	15.3
20	Cirkevwva	MT		3 463	4 031	4 093	4 395	7.4
	Mgarr, Gozo	MT		3 463	4 031	4 093	4 395	7.4
22	Split	HR	1 952	3 267	3 523	3 769	3 807	1.0
23	Piombino	IT	3 161	3 277	3 477	3 618	3 532	-2.4
24	Turku	FI	3 514	3 697	3 498	3 224	3 452	7.1
25	Mariehamn	FI	1 885	3 192	3 302	3 191	3 011	-5.6
26	Portoferraio	IT	2 641	2 829	2 769	2 981	2 839	-4.8
27	Civitavecchia	IT	2 241	2 099	2 440	2 376	2 524	6.2
28	Igoumenitsa	EL	933	2 338	2 726	2 262	2 471	9.2
29	Olbia	IT	2 359	3 253	3 863	2 514	2 458	-2.2
30	Norddeich	DE	2 253	2 257	2 287	2 437	2 410	-1.1
31	Norderney I.	DE	2 015	1 990	2 093	2 309	2 408	4.3
32	Barcelona	ES	1 424	2 208	2 358	2 310	2 373	2.7
33	Genova	IT	2 444	2 406	2 991	2 501	2 358	-5.7
34	Dunkerque	FR	96	813	2 533	2 499	2 302	-7.9
35	Rostock	DE	1 767	2 417	2 195	2 344	2 300	-1.9
36	Hirtshals	DK	1 855	1 959	2 178	2 246	2 246	0.0
37	Bastia	FR	1 916	2 028	2 524	2 173	2 162	-0.5
38	Antirio	EL		2 414	1 725	2 115	2 139	1.1
	Rio	EL		2 414	1 725	2 115	2 139	1.1
40	Zadar - passenger port	HR	1 376	1 924	2 145	2 144	2 136	-0.4

Sea:

FREIGHT TRAFFIC AT MAJOR EU SEAPORTS

TONNES LOADED AND UNLOADED

RANKING	MILLION					CHANGE '12/'13	%	
	PORT, COUNTRY	2000	2005	2010	2012			2013
1	Rotterdam	NL	302.545	345.819	395.763	405.260	406.549	0.3
2	Antwerpen	BE	116.003	145.835	160.012	164.547	171.984	4.5
3	Hamburg	DE	76.950	108.253	104.520	113.531	120.568	6.2
4	Amsterdam	NL	42.044	47.133	72.702	69.606	93.204	33.9
5	Marseille	FR	91.279	93.308	82.427	81.846	76.248	-6.8
6	Algeciras	ES		55.184	58.565	74.613	73.822	-1.1
7	Le Havre	FR	63.885	70.801	65.771	59.246	64.395	8.7
8	Immingham	UK	52.501	60.686	54.029	60.091	62.614	4.2
9	Bremerhaven	DE	24.835	33.728	45.943	58.250	54.506	-6.4
10	Valencia	ES	21.958	34.990	53.075	54.217	53.470	-1.4
11	Trieste	IT	44.015	43.355	40.557	42.144	45.986	9.1
12	London	UK	47.892	53.843	48.062	43.742	43.205	-1.2
13	Milford Haven	UK	33.768	37.547	42.788	39.832	41.105	3.2
14	Genova	IT	43.797	42.640	41.428	42.453	40.830	-3.8
15	Piraeus	EL	16.513	18.688	13.058	35.218	40.192	14.1
16	Göteborg	SE	33.261	36.479	42.938	41.148	38.380	-6.7
17	Tees & Hartlepool	UK	51.472	55.790	35.697	33.967	37.641	10.8
18	Dunkerque	FR	44.318	48.503	36.309	40.363	36.634	-9.2
19	Southampton	UK	34.773	39.947	39.365	38.107	35.797	-6.1
20	Constanta	RO		44.377	30.396	31.938	35.650	11.6
21	Sines	PT	19.957	24.929	24.728	27.423	34.600	26.2
22	Barcelona	ES	25.787	37.061	35.326	34.342	34.372	0.1
23	Riga	LV		24.421	29.057	34.848	34.040	-2.3
24	Liverpool	UK	30.421	33.775	30.020	32.924	31.149	-5.4
25	Klaipeda	LT		20.019	28.851	32.514	30.790	-5.3
26	Cartagena	ES	17.157	26.716	19.044	29.969	29.211	-2.5
27	Bilbao	EE	26.623	32.219	32.440	27.406	28.063	2.4
28	Tallinn	EE		38.816	36.264	29.151	28.012	-3.9
29	Tarragona	ES	27.175	30.967	32.071	32.694	27.644	-15.4
30	Nantes Saint-Nazaire	FR	31.263	34.043	30.582	29.228	27.561	-5.7
31	Gioia Tauro	IT	21.638	29.634	35.371	27.399	27.447	0.2
32	Zeebrugge	BE	32.660	28.442	33.878	28.908	27.355	-5.4
33	Gdansk	PL		22.478	26.421	24.379	27.335	12.1
34	Ventspils	LV		29.358	23.825	29.118	26.927	-7.5
35	Forth	UK	41.143	34.218	34.335	25.332	26.365	4.1
36	Huelva	ES	17.224	20.931	22.122	28.451	26.314	-7.5
37	Felixstowe	UK	29.686	23.144	25.756	26.268	26.214	-0.2
38	Gent (Ghent)	BE	24.717	22.133	27.572	25.972	25.924	-0.2
39	Dover	UK	17.434	21.145	24.093	22.902	25.295	10.4
40	Porto Foxi	IT	23.751	22.760	23.935	24.635	24.797	0.7

Sea:

INTRA-EU MARITIME TRANSPORT BY COUNTRY

(1) RELEVANCE OF INTRA-EU TRANSPORT IN TOTAL MARITIME TRANSPORT BY EU COUNTRY 2013

	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	122.723	42.349	34.5	104.156	32.036	30.8
BG	12.503	0.908	7.3	16.337	5.484	33.6
DK	45.816	31.221	68.1	33.601	28.454	84.7
DE	174.657	69.612	39.9	122.625	49.980	40.8
EE	9.563	6.907	72.2	29.890	17.810	59.6
IE	30.808	21.034	68.3	15.102	14.129	93.6
EL	74.873	34.295	45.8	65.289	35.885	55.0
ES	244.695	72.961	29.8	158.471	63.695	40.2
FR	202.616	40.669	20.1	97.653	41.276	42.3
HR	9.118	2.439	26.7	6.069	3.062	50.5
IT	291.280	118.035	40.5	155.502	104.382	67.1
CY(**)	4.689	2.825	60.2	2.482	0.524	21.1
LV	7.520	5.536	73.6	58.234	43.835	75.3
LT	16.136	4.962	30.8	23.621	15.271	64.7
MT	2.832	1.974	69.7	0.260	0.145	55.8
NL	388.248	91.119	23.5	160.172	53.599	33.5
PL	34.853	15.451	44.3	28.909	22.216	76.8
PT	44.306	17.211	38.8	32.219	16.403	50.9
RO(**)	16.496	1.095	6.6	26.017	5.456	21.0
SI	11.623	2.564	22.1	5.563	2.074	37.3
FI	51.955	33.667	64.8	50.231	41.240	82.1
SE	86.707	63.962	73.8	74.863	64.666	86.4
UK	318.063	160.462	50.4	173.338	131.134	75.7

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:

MAIN ROUTES IN INTRA-EU MARITIME TRANSPORT

(1) RELEVANCE OF INTRA-EU TRANSPORT IN TOTAL MARITIME TRANSPORT BY EU COUNTRY 2013

	TOTAL		
	total goods transported (*)	of which to/from EU	share of EU in total
	million tonnes	million tonnes	(%)
BE	226.629	74.132	32.7
BG	28.841	6.391	22.2
DK	74.619	54.878	73.5
DE	294.793	117.105	39.7
EE	39.451	24.718	62.7
IE	44.758	34.010	76.0
EL	119.757	49.773	41.6
ES	376.725	110.212	29.3
FR	297.323	78.998	26.6
HR	14.594	4.908	33.6
IT	371.503	147.139	39.6
CY(**)	7.171	3.349	46.7
LV	65.523	49.141	75.0
LT	39.757	20.233	50.9
MT	3.091	2.118	68.5
NL	548.356	144.654	26.4
PL	63.201	37.107	58.7
PT	71.433	28.523	39.9
RO(**)	42.513	6.551	15.4
SI	17.184	4.637	27.0
FI	98.160	70.881	72.2
SE	157.251	124.307	79.1
UK	456.864	257.056	56.3

(2) MAIN ROUTES IN INTRA-EU MARITIME TRANSPORT 2013

RANKING	country of loading port	country of unloading port	million tonnes transported
1	ITALY	ITALY	82.187
2	UK	UK	56.417
3	NETHERLANDS	UK	40.982
4	UK	NETHERLANDS	35.773
5	SPAIN	SPAIN	34.954
6	GREECE	GREECE	26.384
7	FRANCE	UK	23.361
8	SWEDEN	SWEDEN	18.585
9	UK	FRANCE	17.547
10	SWEDEN	GERMANY	14.981
11	BELGIUM	UK	13.113
12	LATVIA	NETHERLANDS	13.075
13	GERMANY	SWEDEN	12.577
14	SPAIN	ITALY	12.329
15	DENMARK	DENMARK	12.324
16	UK	GERMANY	11.741
17	FINLAND	GERMANY	11.483
18	FRANCE	FRANCE	11.479
19	SWEDEN	UK	11.149
20	UK	BELGIUM	11.108
21	UK	IRELAND	10.376
22	DENMARK	SWEDEN	10.244
23	SWEDEN	FINLAND	9.067
24	NETHERLANDS	FRANCE	8.830
25	NETHERLANDS	SPAIN	7.872
26	ITALY	SPAIN	7.637
27	IRELAND	UK	7.476
28	GERMANY	UK	7.300
29	GERMANY	DENMARK	7.096
30	SPAIN	UK	7.040

Note: 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	1 000 TEU					CHANGE % '12/'13
	PORT, COUNTRY	2005	2010	2012	2013	
1	Rotterdam NL	9 194.6	11 017.5	10 938.5	10 937.7	0.0
2	Hamburg DE	8 084.3	7 905.5	8 890.7	9 302.2	4.6
3	Antwerpen BE	6 220.9	8 144.4	8 174.4	8 255.6	1.0
4	Bremerhaven DE	3 696.1	4 858.3	6 111.2	5 822.4	-4.7
5	Valencia ES	2 415.2	4 211.2	4 470.5	4 339.0	-2.9
6	Algeciras ES	3 183.9	2 776.9	4 098.7	4 331.9	5.7
7	Gioia Tauro IT	3 123.2	3 896.7	3 725.2	3 651.8	-2.0
8	Felixstowe UK	2 759.7	3 415.1	3 367.7	3 433.8	2.0
9	Piraeus EL	1 401.1	850.3	2 815.1	3 199.3	13.7
10	Le Havre FR	2 144.3	2 369.3	2 114.8	2 299.2	8.7
11	Barcelona ES	2 071.4	1 928.0	1 745.4	1 696.9	-2.8
12	Genova IT	1 037.6	1 020.0	1 577.6	1 545.7	-2.0
13	Southampton UK	1 384.2	1 566.5	1 489.3	1 489.2	0.0
14	La Spezia IT	915.6	1 180.6	1 180.8	1 206.7	2.2
15	Marseille FR	910.6	1 030.9	1 155.3	1 204.8	4.3
16	Gdansk PL	63.3	509.9	933.4	1 189.0	27.4
17	Las Palmas ES	1 222.4	1 118.0	1 194.3	1 002.0	-16.1
18	London UK	765.1	732.7	686.7	944.4	37.5
19	Sines PT	51.0	382.1	553.1	931.0	68.3
20	Zeebrugge BE	682.3	1 436.8	930.1	879.6	-5.4
21	Göteborg SE	771.7	891.5	921.8	867.7	-5.9
22	Gdynia PL	392.9	477.0	658.7	727.8	10.5
23	Constanta RO	867.0	548.1	675.4	659.4	-2.4
24	Liverpool UK	613.1	662.0	635.3	626.8	-1.3
25	Leixões PT	351.8	481.8	632.8	620.0	-2.0
26	Cagliari IT	583.7	486.6	580.2	619.0	6.7
27	Bilbao ES	862.9	532.0	610.0	605.5	-0.7
28	Koper SI	210.3	481.0	556.4	596.4	7.2
29	Lisboa PT	512.2	512.0	486.5	550.5	13.1
30	Hamina-Kotka FI	376.5	402.4	531.8	546.1	2.7
31	Dublin IE	590.2	554.0	526.7	515.8	-2.1
32	Livorno IT	461.4	369.9	412.4	513.1	24.4
33	Trieste IT	182.7	261.1	427.1	438.2	2.6
34	Århus DK	397.2	446.3	404.3	405.8	0.4
35	Dunkerque FR	201.6	200.8	353.5	404.7	14.5
36	Klaipėda LT	214.3	295.2	381.4	402.7	5.6
37	Riga LV	157.8	254.6	362.3	381.0	5.2
38	Thessaloniki EL	372.5	289.2	359.3	379.0	5.5
39	Helsinki FI	460.2	400.7	361.0	364.8	1.1
40	Venezia IT	196.0	237.7	272.8	346.1	26.9

Notes: 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	Billion	TONNE-KILOMETRES		
		% of which:		
		< 300 km	300 - 900 km	> 900 km
1990	18.7	1%	68%	31%
1995	25.0	2%	56%	42%
2000	35.2	2%	71%	27%
2005	38.8	3%	63%	34%
2006	45.4	3%	53%	44%
2007	46.1	3%	56%	41%
2008	46.0	3%	52%	45%
2009	38.9	4%	52%	44%
2010	42.4	5%	58%	37%
2011	42.6	7%	56%	37%
2012	39.1	3%	59%	38%
2013	40.7	2%	60%	38%

TRAFFIC % OF CONSIGNMENTS (*)

YEAR	Semi-trailers	Rolling motorway	Swap bodies
1990	20%	18%	61%
1995	14%	19%	67%
2000	9%	23%	68%
2005	7%	13%	80%
2006	7%	14%	79%
2007	7%	13%	79%
2008	8%	14%	77%
2009	8%	15%	77%
2010	10%	15%	75%
2011	10%	14%	76%
2012	13%	5%	82%
2013	14%	5%	81%

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.

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
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
2012	10.0	3.6	30.5	19.5	63.6
2013	9.5	3.5	30.1	18.8	61.9
	AVERAGE ANNUAL CHANGE				
'85/'00	9.7%	3.3%	3.9%	5.4%	5.0%
'00/'13	1.7%	7.9%	0.9%	-2.8%	-0.1%
'12/'13	-5.2%	-2.7%	-1.4%	-3.3%	-2.7%

Note: France: Montgenèvre: from 1999 onwards.

	NUMBER OF HEAVY GOODS VEHICLES (1 000)				
	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
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
2012	886	322	2 058	1 307	4 573
2013	837	307	2 026	1 264	4 433

Note: Internal, import, export and transit traffic.

Road: PYRENEES CROSSING TRAFFIC

GOODS TRAFFIC

	VEHICLES PER DAY			TOTAL
	West coast Irun Biriattou	East coast La Jonquera Le Perthus	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
2011	9 414	8 945	1 044	19 402
2013	9 165	9 163	1 050	19 377

PASSENGER CAR TRAFFIC

	VEHICLES PER DAY			TOTAL
	West coast Irun Biriattou	East coast La Jonquera Le Perthus	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
2011	48 787	30 900	40 508	120 194
2013	47 110	30 529	38 612	116 250

Note: Since 2006, these statistics are available every two years.

Rail:

DEGREE OF MARKET OPENING – PASSENGERS

SHARE OF ALL BUT THE PRINCIPAL UNDERTAKINGS

	%				
	2006	2008	2010	2012	2013
BE	0.00	0.00	0.20	0.60	0.00
BG	0.00	0.00	2.60	0.00	0.00
CZ		0.00	0.24	2.94	5.13
DK		9.00	18.00	10.00	11.00
DE	3.80	10.10	8.00	10.00	11.50
EE	40.00	57.70	50.00	56.00	43.40
IE	0.00	0.00	0.00	0.00	0.00
EL		0.00	0.00	0.00	0.00
ES		0.00	0.00	0.00	0.00
FR		0.00	1.00		
HR					0.00
IT	9.80		8.30	8.30	
CY	-	-	-	-	-
LV	10.10	9.08	10.54	11.70	12.30
LT	0.00	0.00	0.00	0.00	0.00
LU	0.00				
HU	1.40	1.80	1.80	2.90	3.30
MT	-	-	-	-	-
NL	1.90	2.00	4.80	5.00	
AT	6.50		5.40	5.70	
PL	9.17	36.80	48.31	51.40	57.82
PT	9.00		9.00		5.90
RO	0.53	1.10	3.93	20.61	9.60
SI	0.00	0.00	0.01	0.00	0.00
SK	0.00	0.03	0.03	3.38	3.85
FI	0.00	0.00	0.00	0.00	0.00
SE	19.00				36.00
UK		89.50	89.90	90.20	89.70
NO		12.00	12.00	10.00	10.00

Note: Total market share of all but the principal railway undertakings (as a percentage of passenger-km). RO: 2013 value based on train-km.

Rail:

DEGREE OF MARKET OPENING – FREIGHT

SHARE OF ALL BUT THE PRINCIPAL UNDERTAKINGS

	%				
	2006	2008	2010	2012	2013
BE	0.03	6.10	11.82	13.39	18.54
BG	3.18	14.32	21.60	36.50	44.70
CZ			13.16	13.66	23.67
DK			25.00	27.00	25.00
DE	16.40	22.00	25.00	28.60	32.60
EE	30.60	49.00	45.00	30.00	35.00
IE	0.00	0.00	0.00	0.00	0.00
EL	0.00	0.00			
ES	4.90	5.00	8.08	16.75	19.05
FR	0.60	10.00	20.00	32.00	36.00
HR					0.00
IT	11.50		24.10	24.10	
CY	-	-	-	-	-
LV	10.60	9.57	23.30	22.60	23.30
LT	0.00	0.00	0.00	0.00	0.00
LU	0.00		0.00	0.00	
HU	9.00	14.40	19.47	31.80	34.80
MT	-	-	-	-	-
NL	14.00	25.00	40.00	36.00	41.40
AT	10.00	14.00	14.60	17.60	
PL	16.90	23.97	35.82	32.93	41.15
PT	0.00		9.00		13.40
RO	26.70	40.99	54.70	53.68	57.60
SI	0.00	0.00	0.00	9.50	9.19
SK	2.90	2.00	2.03	11.76	13.47
FI	0.00	0.00	0.00	0.00	0.00
SE	32.50		40.00		56.00
UK		44.20	51.40	53.60	54.50
NO		21.00	25.00	38.00	42.00

Note: Total market share of all but the principal railway undertakings (as a percentage of tonnes-km).

Rail:

ALPS AND PYRENEES CROSSING FREIGHT 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
1995	13.6	4.4	8.4	8.0	34.4
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
2012	13.9	9.8	11.2	3.4	38.3
2013	15.0	10.1	11.7	3.2	40.1
AVERAGE ANNUAL CHANGE					
'85/'00	2.7%	2.1%	4.2%	0.9%	2.5%
'00/'13	-0.8%	7.8%	2.3%	-7.2%	0.4%
'12/'13	8.2%	3.4%	4.5%	-4.6%	4.8%

PYRENEES CROSSING FREIGHT TRAFFIC (**)

Spain – France					MILLION TONNES
	West coast	East coast	Total pure rail	Intermodal rail	
	Hendaye – Irun	Cerbère / Port Bou			
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	
2013			3.336	1.758	

Rail:

CHANNEL TUNNEL TRAFFIC

UNITED KINGDOM – FRANCE

	SHUTTLE			
	Vehicles			Passengers
	PASSENGER		FREIGHT	(¹)
	cars (1 000)	coaches (1 000)	1 000	million
1995	1 223	23.0	391	4.2
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	7.8
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	9.3
2012	2 424	59.0	1 465	10.0
2013	2 481	64.5	1 363	10.3
2014	2 572	63.1	1 440	10.6

	THROUGH-TRAIN	
	PASSENGER million	FREIGHT 1 000 tonnes
1995	2.920	1 411
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
2013	10.133	1 360
2014	10.398	1 650

Notes: The Channel Tunnel opened in 1994.

(¹) From 2000 to 2005, estimates based on 2.52 passengers per car and 38.75 passengers per coach.

2.5.1

Road:
LENGTH OF MOTORWAYS

km (at end of year)

	1990	1995	2000	2005	2010	2011	2012
EU-28	42 207	48 297	55 116	63 140	71 192	71 902	73 246
BE	1 666	1 666	1 702	1 747	1 763	1 763	1 763
BG	273	277	319	331	437	458	541
CZ	357	414	501	564	734	745	751
DK	611	796	923	1 032	1 130	1 143	1 195
DE	10 854	11 190	11 712	12 363	12 819	12 845	12 879
EE	41	65	93	99	115	115	124
IE	26	70	103	247	900	900	900
EL	190	421	615	917	1 659	1 659	1 659
ES	4 976	6 962	9 049	11 432	14 262	14 554	14 701
FR	6 824	8 275	9 766	10 798	11 392	11 412	11 465
HR	291	302	411	1 016	1 244	1 254	1 254
IT	6 193	6 435	6 478	6 542	6 668	6 668	6 726
CY	120	167	257	276	257	257	257
LV	-	-	-	-	-	-	-
LT	421	394	417	417	309	309	309
LU	78	123	114	147	152	152	152
HU	267	335	448	859	1 477	1 516	1 515
MT	-	-	-	-	-	-	-
NL	2 092	2 208	2 265	2 600	2 651	2 658	2 666
AT	1 445	1 596	1 633	1 677	1 719	1 719	1 719
PL	257	246	358	552	857	1 070	1 365
PT	316	687	1 482	2 341	2 737	2 737	2 988
RO	113	113	113	228	332	350	550
SI	228	293	427	569	771	768	769
SK	192	198	296	328	416	419	419
FI	225	394	549	693	779	779	810
SE	939	1 262	1 499	1 700	1 927	1 920	2 013
UK	3 212	3 408	3 586	3 665	3 686	3 733	3 756
AL	-	-	-	-	-	-	-
ME	-	-	-	-	-	-	-
MK	83	-	-	216	251	259	259
RS	-	-	-	603	603	603	603
TR	281	-	-	1 667	2 080	2 119	2 127
IS	-	-	-	11	11	11	11
NO	73	107	144	264	381	393	392
CH	1 148	1 197	1 270	1 358	1 406	1 415	1 419

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.
UK: data refers to the 1st of April of the next year.

Road:
LENGTH OF ROAD NETWORK

km (at end of 2012)

	Motorways	Main or national roads	Secondary or regional roads	Other roads (*)
BE	1 763	13 229	1 349	138 869
BG	541	2 975	4 035	12 051
CZ	751	6 250	48 715	74 919
DK	1 195	2 596	70 318	
DE	12 879	39 604	178 034	
EE	124	3 887	12 458	42 299
IE	900	4 513	11 631	78 958
EL	1 659	9 299	30 864	75 600
ES	14 701	15 110	135 784	501 053
FR	11 465	9 784	377 965	666 343
HR	1 254	6 581	9 809	9 046
IT	6 726	19 861	153 588	73 555
CY	257	2 203	2 307	4 998
LV	-	1 669	5 318	61 302
LT	309	6 366	14 567	51 055
LU	152	837	1 891	
HU	1 515	6 386	23 341	170 429
MT	-	-	2 361	
NL	2 666	2 525	7 778	125 230
AT	1 719	9 997	23 640	88 759
PL	1 365	17 817	154 202	238 651
PT	2 988	6 505	4 791	
RO	550	16 690	35 374	31 639
SI	769	820	5 149	32 247
SK	419	3 546	14 051	36 852
FI	810	12 522	13 565	51 213
SE	2 013	13 507	82 988	117 974
UK	3 756	49 038	122 966	245 189
AL	-	-	-	-
ME	-	-	7 905	
MK	259	911	3 772	9 355
RS	603	4 856	9 863	29 278
TR	2 127	31 375	31 880	320 366
IS	11	4 919	2 950	5 010
NO	392	10 581	44 317	38 970
CH	1 419	390	18 013	51 697

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

BE end of 2009, EL end of 2010, UK 1st of April 2013, IS end of 2011.

Railways: LENGTH OF LINES IN USE

	km							%	
	1990	1995	2000	2005	2010	2012	2013	OF WHICH: ELECTRIFIED 2013	
EU-28	237 671	229 435	220 583	215 110	216 232	216 507	215 298	115 734	53.8
BE	3 479	3 368	3 471	3 544	3 582	3 582	3 582	3 064	85.5
BG	4 299	4 294	4 320	4 154	4 097	4 070	4 032	2 869	71.2
CZ		9 430	9 444	9 614	9 468	9 469	9 459	3 216	34.0
DK	2 838	2 863	2 787	2 646	2 606	2 615	2 615	621	23.7
DE	40 981	41 718	36 588	34 221	33 707	33 509	33 446	19 876	59.4
EE	1 026	1 021	968	968	1 540	1 540	1 510	132	8.7
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	2 554	2 265	437	19.3
ES	14 539	14 308	14 347	15 015	15 837	15 922	15 937	9 768	61.3
FR	34 070	31 939	29 272	29 286	29 871	30 581	30 581	16 583	54.2
HR	2 429	2 296	2 726	2 726	2 722	2 722	2 722	985	36.2
IT	16 066	16 003	16 187	16 545	17 022	17 060	17 070	12 164	71
CY	-	-	-	-	-	-	-	-	-
LV	2 397	2 413	2 331	2 270	1 897	1 860	1 859	250	13.4
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	7 893	7 877	7 898	3 010	38
MT	-	-	-	-	-	-	-	-	-
NL	2 798	2 739	2 802	2 797	3 013	3 013	3 032	2 307	76.1
AT	5 624	5 672	5 665	5 691	5 039	4 894	4 894	3 468	70.9
PL	26 228	23 986	22 560	19 507	19 702	19 617	18 959	11 817	62.3
PT	3 064	2 850	2 814	2 844	2 842	2 541	2 544	1 630	64.1
RO	11 348	11 376	11 015	10 948	10 777	10 777	10 768	4 029	37.4
SI	1 196	1 201	1 201	1 228	1 228	1 209	1 209	500	41.4
SK	3 660	3 665	3 662	3 658	3 622	3 631	3 631	1 586	43.7
FI	5 867	5 880	5 854	5 732	5 919	5 944	5 944	3 172	53.4
SE	11 193	10 925	11 037	11 017	11 160	11 136	10 957	8 214	75.0
UK	16 914	17 069	17 044	16 208	16 175	16 423	16 423	5 600	34.1
AL				423	423	423		0	0.0
ME				248	249	249	249	224	90.1
MK	696	699	699	699	699	699	699	234	33.5
RS				3 809	3 809	3 809	3 809	1 275	33.5
TR	8 429	8 549	8 671	8 697	9 594	9 642	9 718	2 922	30.1
IS	-	-	-	-	-	-	-	-	-
NO	4 044	4 023	4 413	4 334	4 199	4 264	4 224	2 500	59.2
CH	3 215	3 232	3 216	3 399	3 597	3 551	3 588	3 587	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-28 totals.

Railways: HIGH-SPEED RAIL NETWORK

LENGTH OF LINES

	km (at end of year)									
	BE	DE	ES	FR	IT	NL	AT	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
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
2013	209	1 334	2 515	2 036	923	120	48	113	-	7 298
2014	209	1 352	2 515	2 036	923	120	48	113	-	7 316

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 - Riegel (Basel)	39	2029
DE	Gröbers - Erfurt	98	2015
DE	Nürnberg - Ebensfeld	83	2017
DE	Ebensfeld - Erfurt	100	2017
DE	Stuttgart - Wendlingen	57	2021
DE	Buggingen - Katzenberg tunnel (Basel)	12	2021
DE	Wendlingen - Ulm	60	2021
DE	Tunnel Rastatt	17	2022
ES	(Madrid-Valencia)/Alicante - Murcia/Castellon	231	
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	2016
FR	LGV Bretagne - Pays de la Loire	214	2016
FR	LGV Sud Europe Atlantique	341	2017
FR	Counterneement Nimes - Montpellier	80	2017
IT	Milan (Treviglio) - Brescia	58	2016
IT	Genoa - Milan (Tortona)	67	2020
AT	Gloggnitz - Mürrzuschlag (Sermmerring-Basistunnel)	27	2024
AT	Graz-Klagenfurt (Koralmtunnel)	110	2024
AT	Brennerachse	64	2012

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	1435	3000	25000 50 Hz
BG	1435		25000 50 Hz
CZ	1435	3000	25000 50 Hz
DK	1435	3000	25000 50 Hz
DE	1435	800-1200 (contact rail)	15000 16.7 Hz
EE	1520	3000	
IE	1600	1500	
EL	600 1000 1435		25000 50 Hz
ES (*)	1000 1435 1668	1500 3000	25000 50 Hz
FR	1000 1435	750-850 (contact rail) 1500	25000 50 Hz
HR	1435	3000	25000 50 Hz
IT	1435	3000	25000 50 Hz
CY	-	-	-
LV	1520	3000	
LT	1520		25000 50 Hz
LU	1435		25000 50 Hz
HU	1435		25000 50 Hz
MT	-	-	-
NL	1435	1500	
AT	1435		15000 16.7 Hz
PL	1435	3000	
PT	1000 1668		25000 50 Hz
RO	1435		25000 50 Hz
SI	1435	3000	
SK	1435	3000	25000 50 Hz
FI	1524		25000 5 Hz
SE	1435		15000 16.7 Hz
UK (**)	1435 1600 (N-IRL)	750 (contact rail)	25000 50 Hz

Notes: 1435 mm = standard gauge.

(*) ES: new lines have a gauge of 1435 mm and an electric current of 25000 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-28	29	31	95	36	108	40
BE	1	1			3	
BG			3			
CZ	1				4	
DK	1		2		4	1
DE	5	4	8	3	7	
EE			1			
IE	1		2	1	1	
EL	1	1	6	2	11	12
ES	4	5	10	8	6	
FR	3	4	12	3	21	6
HR			3		2	
IT	2	6	15	4	6	1
CY			2			
LV			1			
LT			1	1	1	
LU			1			
HU		1				
MT			1			
NL	1		2		2	
AT	1		1	3	1	
PL	1		5	1	3	
PT	1	2	1	1	2	6
RO		1	1	1	4	
SI			1			
SK			1		1	
FI	1			1	8	9
SE	1	1	4	2	11	
UK	4	5	11	5	10	5
AL			1			
ME				2		
MK				1		1
RS			1			1
TR	5		9	6	15	10
IS			1			
NO	1	1	8	2	6	
CH	2	1			2	1

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 2013 passenger volumes. In this table, blank means none.

Inland Waterways: LENGTH IN USE

NAVIGABLE CANALS, RIVERS AND LAKES REGULARLY USED FOR TRANSPORT

	km						
	1990	1995	2000	2005	2010	2011	2012
EU-28		38 611	40 811	41 820	41 789	41 919	41 862
BE	1515	1540	1534	1516	1516	1516	1516
BG	470	470	470	470	470	470	470
CZ		677	664	664	676	676	676
DK	-	-	-	-	-	-	-
DE	4350	6663	6754	7565	7728	7728	7675
EE		520	320	320	335	335	335
IE	-	-	-	-	-	-	-
EL	-	-	-	-	-	-	-
ES	-	-	-	-	-	-	-
FR	6197	5962	5789	5788	5110	5019	4996
HR	933	933	720	804	805	1017	1017
IT	1366	1466	1477	1562	1562	1562	1562
CY	-	-	-	-	-	-	-
LV	-	-	-	-	-	-	-
LT	369	369	380	290	448	452	452
LU	37	37	37	37	37	37	37
HU	1373	1373	1373	1587	1864	1864	1864
MT	-	-	-	-	-	-	-
NL	5046	5046	6183	6183	6220	6219	6237
AT	351	351	351	351	351	351	351
PL	3997	3980	3813	3638	3659	3659	3659
PT	-	-	-	-	-	-	-
RO	1782	1779	1779	1779	1779	1779	1779
SI	-	-	-	-	-	-	-
SK	2379	172	172	172	172	172	172
FI	6072	6120	7842	8029	8006	8013	8014
SE	-	-	-	-	-	-	-
UK	1631	1153	1153	1065	1050	1050	1050
AL	-	-	-	-	-	-	-
ME	-	-	-	-	-	-	-
MK	-	-	-	-	-	-	-
RS					1600	1600	1600
TR	-	-	-	-	-	-	-
IS	-	-	-	-	-	-	-
NO	-	-	-	-	-	-	-
CH	-	-	-	-	-	-	-

Note: DE: includes DE-E: 1970 = 2300, 1980 = 2302, 1990 = 2319.

Pipelines

LENGTH OF OIL PIPELINES

	km						
	1990	1995	2000	2005	2010	2011	2012
EU-28			34 532	35 839	36 057	37 808	37 319
BE	301	294	294	294	294	294	294
BG	578	578	578	578	578	578	570
CZ		581	675	675	674	674	674
DK	444	330	330	330	330	330	330
DE	2222	2460	2370	2370	2370	2370	2370
EE	-	-	-	-	-	-	-
IE	-	-	-	-	-	-	-
EL	-	-	-	267	267	267	267
ES	2678	3691	3780	3833	4365	4722	4743
FR	4948	4983	5746	5746	6293	7600	7493
HR	865	601	601	610	610	610	610
IT	4086	4235	4346	4328	4291	4290	4290
CY	-	-	-	-	-	-	-
LV	766	766	766	860	860	860	860
LT		400	500	500	500	500	500
LU	-	-	-	-	-	-	-
HU	2574	2071	2061	2032	2209	2215	2215
MT	-	-	-	-	-	-	-
NL	391	391	391	391	391	391	391
AT	777	777	777	777	1214	1214	1214
PL	2039	2278	2278	2278	2362	2444	2444
PT	-	-	147	147	147	147	147
RO	3694	3546	4423	4807	3346	3346	2951
SI	-	-	-	-	-	-	-
SK		515	515	515	510	510	510
FI	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-
UK	2462	3470	3954	4501	4446	4446	4446
AL	-	-	-	-	-	-	-
ME	-	-	-	-	-	-	-
MK				155	144	144	144
RS					374	434	434
TR		1126	2112	3065	3038	3038	3038
IS	-	-	-	-	-	-	-
NO		3701	7908	1189	1260	1244	1245
CH	239	239	108	108	108	108	108

Notes: Including oil pipelines under the sea.

DE: Crude oil pipelines only; includes DE-E: 1970 = 1300, 1980 = 1301, 1990 = 1323 km.
CS: 1970 = 1090, 1980 = 1090, 1990 = 1090, 1991 = 1090, 1992 = 1083 km.

2.6.1

Road:
MOTORISATION

	NUMBER OF PASSENGER CARS PER 1 000 INHABITANTS							%
	1990	1995	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28	343	378	415	448	478	488	491	0.5
BE	387	421	456	468	480	487	491	0.8
BG	152	196	245	329	353	385	402	4.2
CZ	234	295	336	387	429	448	450	0.5
DK	309	320	347	362	389	399	405	1.4
DE	461	495	475	493	517	539	543	0.6
EE	154	269	333	366	416	456	478	4.7
IE	228	276	348	400	416	415	420	1.1
EL	170	207	292	387	469	467	466	-0.2
ES	309	360	431	460	475	476	474	-0.5
FR	476	481	503	497	502	505	504	-0.1
HR	121	155	262	321	353	339	341	0.6
IT	483	533	572	597	619	621	608	-2.1
CY	304	335	384	477	551	549	553	0.7
LV	106	134	237	333	307	305	317	3.8
LT	133	199	336	442	554	590	615	4.2
LU	477	556	622	655	659	663	661	-0.3
HU	187	218	232	287	299	301	308	2.1
MT	337	487	483	525	581	592	602	1.6
NL	367	364	409	434	464	472	471	-0.1
AT	388	452	511	504	530	542	546	0.6
PL	138	195	261	323	447	486	504	3.5
PT	185	255	333	400	424	429	430	0.2
RO	56	97	124	158	214	224	235	5.1
SI	294	357	435	479	518	518	516	-0.3
SK	166	189	237	243	310	337	347	2.9
FI	388	371	412	462	535	563	574	1.8
SE	419	411	450	459	460	465	466	0.2
UK	361	378	425	467	465	464	468	0.8
AL		18	37	62	104	103	118	15.0
ME					266	279	286	2.5
MK		145	148	124	151	146	168	14.7
RS			0	200	216	240	248	3.0
TR		49	65	80	102	114	121	5.9
IS	468	445	561	625	643	653	654	0.3
NO	380	386	411	437	469	484	489	1.2
CH	442	457	492	518	518	529	531	0.3

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

Road:
PASSENGER CARS

STOCK OF REGISTERED VEHICLES

	1 000							%
	1990	1995	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28	163 628	182 462	201 993	221 608	240 427	245 906	247 997	0.9
BE	3 864	4 273	4 678	4 919	5 276	5 441	5 505	1.2
BG	1 317	1 648	1 993	2 538	2 602	2 807	2 910	3.7
CZ	2 410	3 043	3 439	3 959	4 496	4 706	4 729	0.5
DK	1 590	1 679	1 854	1 965	2 164	2 237	2 278	1.8
DE	36 772	40 499	39 059	40 660	42 302	43 431	43 851	1.0
EE	241	383	464	494	553	602	629	4.4
IE	801	998	1 333	1 684	1 899	1 907	1 933	1.4
EL	1 736	2 205	3 195	4 303	5 217	5 168	5 124	-0.8
ES	11 996	14 212	17 449	20 250	22 147	22 248	22 025	-1.0
FR	27 072	27 872	29 808	30 497	31 657	32 132	32 244	0.3
HR	580	711	1 125	1 385	1 515	1 445	1 448	0.2
IT	27 416	30 301	32 584	34 667	36 751	37 078	36 963	-0.3
CY	179	220	268	355	463	475	475	-0.2
LV	283	332	557	742	637	618	635	2.6
LT	493	718	1 172	1 455	1 692	1 753	1 809	3.2
LU	183	229	273	307	337	356	363	2.1
HU	1 944	2 245	2 365	2 889	2 984	2 986	3 041	1.8
MT	120	181	189	213	241	250	256	2.6
NL	5 509	5 633	6 539	7 092	7 736	7 916	7 932	0.2
AT	2 991	3 594	4 097	4 157	4 441	4 584	4 641	1.2
PL	5 261	7 517	9 991	12 339	17 240	18 744	19 389	3.4
PT	1 849	2 560	3 443	4 200	4 480	4 497	4 480	-0.4
RO	1 292	2 197	2 778	3 364	4 320	4 487	4 696	4.6
SI	587	711	866	960	1 062	1 066	1 064	-0.2
SK	880	1 016	1 274	1 304	1 669	1 824	1 880	3.0
FI	1 939	1 901	2 135	2 430	2 877	3 057	3 127	2.3
SE	3 601	3 631	3 999	4 154	4 335	4 447	4 495	1.1
UK	20 722	21 951	25 067	28 326	29 334	29 644	30 075	1.5
AL		59	115	195	295	297	342	14.9
ME					165	174	179	2.8
MK		286	300	253	310	302	347	14.9
RS				1 481	1 566	1 726	1 770	2.5
TR		3 059	4 422	5 773	7 545	8 649	9 284	7.3
IS	120	119	159	187	205	210	213	1.4
NO	1 613	1 685	1 852	2 029	2 309	2 443	2 500	2.3
CH	2 985	3 229	3 545	3 861	4 076	4 255	4 321	1.5
LI	17	19	22	24	27	28	28	0.3

Notes: Stock at end of year, except for BE: 1 August (1 July in 2012), CH: 30 September, LI: 1 July. Taxis are usually included. HR: from 2009 light vans are considered as passenger cars and no longer as Goods Vehicles.

Road:
BUSES AND COACHES

STOCK OF REGISTERED VEHICLES

	1 000							%
	1990	1995	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28	744.0	756.8	781.5	795.2	817.7	818.4	822.9	0.5
BE	15.6	14.6	14.7	15.4	16.2	16.1	16.3	1.3
BG	34.6	41.8	43.0	37.8	24.5	23.3	23.3	0.0
CZ	20.5	20.5	19.0	20.9	20.4	20.6	20.3	-1.4
DK	8.1	13.7	14.0	14.4	14.5	13.5	13.3	-1.6
DE	100.4	85.4	77.2	75.2	76.5	76.0	76.8	1.0
EE	7.9	7.0	6.1	5.2	4.2	4.3	4.5	4.4
IE	4.0	5.3	7.0	7.6	8.2	8.3	8.5	2.7
EL	21.4	24.6	27.0	26.8	27.3	27.0	26.8	-0.7
ES	45.8	47.4	54.7	58.2	62.4	61.1	59.9	-2.0
FR	73.7	81.8	85.7	90.1	90.0	93.1	95.2	2.3
HR	5.8	3.9	4.7	4.9	4.9	4.7	4.8	2.9
IT	77.7	75.0	88.0	94.4	99.9	99.5	98.6	-1.0
CY	2.3	2.7	2.9	3.2	3.4	3.6	3.5	-1.7
LV	12.1	16.5	11.5	10.6	5.4	5.0	5.0	-1.1
LT	15.2	17.6	15.5	15.3	13.7	13.1	13.1	-0.3
LU	0.8	0.9	1.1	1.3	1.6	1.7	1.8	1.8
HU	26.4	20.5	17.9	17.5	17.6	17.3	17.6	1.5
MT	1.0	1.0	1.1	1.1	1.8	1.7	1.7	-2.0
NL	12.1	11.6	11.4	11.0	11.3	10.5	9.9	-5.2
AT	9.4	9.8	9.9	9.3	9.6	9.5	9.6	0.3
PL	92.4	85.4	82.6	79.6	97.0	99.9	102.6	2.7
PT	12.1	15.0	19.8	14.7	15.4	15.1	14.8	-2.0
RO	28.3	42.0	40.7	39.3	40.9	42.0	42.8	2.0
SI	3.1	2.5	2.3	2.3	2.4	2.4	2.5	2.3
SK	14.3	11.8	10.9	9.1	9.4	9.0	8.8	-1.5
FI	9.3	8.1	9.9	10.9	13.7	14.9	15.5	4.1
SE	14.6	14.6	14.4	13.5	13.9	14.2	14.0	-1.5
UK	75.0	75.9	88.6	105.6	111.5	111.1	111.6	0.5
AL		6.7	16.8	29.5	7.0	5.3	5.7	8.1
ME						1.2	1.2	3.9
MK	2.3	2.5	2.5	2.3	2.7	2.7	3.0	11.1
RS				9.7	8.0	8.8	9.0	2.1
TR	188.1	263.2	354.3	501.9	595.5	632.1	641.7	1.5
IS	1.3	1.3	1.7	1.9	1.9	2.1	2.2	4.6
NO	21.2	32.5	36.7	28.8	20.3	18.2	17.6	-3.5
CH	31.2	36.5	40.3	45.8	52.8	58.3	60.2	3.2
LI			0.1	0.1	0.1	0.1	0.1	-3.8

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

Road:
GOODS VEHICLES

STOCK OF REGISTERED VEHICLES

	1 000							%
	1990	1995	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28	22 672.2	26 957.1	30 941.7	34 868.7	35 322.3	35 537.7	35 537.7	0.6
BE	380.4	442.5	588.8	662.3	747.3	778.7	791.5	1.6
BG	161.6	223.2	259.4	333.9	333.5	367.0	388.0	5.7
CZ		219.3	298.3	439.2	598.0	604.2	601.1	-0.5
DK	286.6	333.8	384.9	469.5	485.1	459.6	444.4	-3.3
DE	1 653.0	2 378.7	2 419.1	2 404.9	2 619.4	2 761.4	2 813.8	1.9
EE	67.7	65.6	82.1	86.2	81.2	88.0	92.2	4.7
IE	143.2	141.8	205.6	286.5	327.1	309.2	317.8	2.8
EL	766.4	883.8	1 057.4	1 186.5	1 318.8	1 318.9	1 315.8	-0.2
ES	2 401.1	3 024.2	3 923.2	4 849.6	5 303.5	5 171.7	5 070.2	-2.0
FR	4 670.0	4 926.0	5 151.7	5 346.7	6 365.3	6 439.9	6 553.7	1.8
HR		73.5	122.5	162.9	157.7	141.6	141.5	-0.1
IT	2 207.9	2 509.9	3 087.0	3 785.9	4 141.8	4 143.8	4 087.6	-1.4
CY	74.3	101.2	114.7	118.4	120.7	113.7	109.1	-4.1
LV		68.7	97.1	113.1	71.6	76.3	79.9	4.7
LT	83.0	108.9	98.6	122.5	133.9	138.9	143.0	3.0
LU	11.3	15.8	24.7	29.6	35.6	37.3	37.7	0.9
HU	262.0	278.0	352.6	412.9	451.3	454.3	462.6	1.8
MT		40.8	51.5	44.4	42.5	42.7	43.4	1.6
NL	553.0	654.0	899.0	1 004.5	1 004.0	969.6	951.3	-1.9
AT	261.8	302.9	344.5	358.0	396.8	416.5	424.8	2.0
PL		1 354.1	1 879.1	2 304.5	2 981.6	3 178.0	3 242.5	2.0
PT	781.0	912.3	1 313.2	1 308.0	1 337.0	1 295.0	1 258.4	-2.8
RO	258.7	343.1	427.2	493.8	667.2	719.9	761.6	5.8
SI	30.8	42.9	54.3	66.4	84.1	84.4	84.9	0.6
SK	92.0	102.6	114.0	174.2	276.0	286.0	289.4	1.2
FI	264.2	252.0	304.3	363.6	464.4	508.0	526.1	3.6
SE	309.5	307.7	374.2	461.2	526.4	556.8	565.2	1.5
UK	2 706.0	2 565.0	2 928.3	3 552.4	3 796.9	3 860.7	3 940.3	2.1
AL		29.1	45.6	47.3	84.3	60.2	65.3	8.5
ME						13.7	13.8	1.0
MK		22.6	24.6	18.0	33.3	30.8	35.1	14.1
RS				118.3	151.7	144.1	140.8	-2.3
TR		830.0	1 351.8	2 152.0	3 125.4	3 546.3	3 689.0	4.0
IS	13.1	14.8	19.4	25.5	30.4	30.3	30.7	1.1
NO	308.3	349.5	414.3	465.4	527.0	542.5	548.3	1.1
CH	252.1	262.4	278.5	307.2	335.2	361.9	371.4	2.6
LI			2.5	2.6	2.8	3.0	3.1	2.1

Notes: Stock at end of year, except for 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: from 2009 light vans are included in passenger cars and no longer in Goods Vehicles.

Road: POWERED TWO-WHEELERS

STOCK OF REGISTERED VEHICLES

	1 000					%	
	1995	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28		23 389.2	29 831.9	34 395.3	34 497.9	34 581.7	0.2
BE		277.8	346.3	413.0	438.6	444.7	1.4
BG	519.3	520.5	146.5	125.4	139.8	147.9	5.8
CZ	915.2	748.1	794.0	924.3	976.9	977.2	0.0
DK	58.0	138.3	171.9	203.6	199.2	198.1	-0.6
DE	3 995.5	4 438.1	5 202.9	5 870.9	6 071.6	6 031.2	-0.7
EE	3.3	6.7	10.2	19.7	35.3	38.7	9.7
IE	23.5	30.6	34.3	38.1	35.1	36.6	4.3
EL		781.4	1 124.2	1 499.1	1 556.4	1 568.6	0.8
ES	1 301.2	1 445.6	4 117.6	4 997.7	5 022.0	4 998.3	-0.5
FR	2 289.0	2 410.0	2 475.3	3 561.0	3 089.1	2 894.3	-6.3
HR	9.9	21.9	128.4	176.8	157.0	154.8	-1.4
IT	6 228.3	7 826.9	9 298.4	8 855.0	8 582.3	8 737.8	1.8
CY	50.4	43.3	40.4	40.7	41.1	40.0	-2.8
LV	15.8	20.7	32.5	36.7	41.1	43.6	6.1
LT	20.0	19.8	24.0	56.3	64.2	68.2	6.1
LU	28.4	32.8	37.7	42.1	44.5	25.8	-
HU		91.2	122.7	142.3	151.4	157.2	3.8
MT	17.4	12.4	12.0	14.7	15.8	16.9	6.9
NL	855.0	970.8	1 112.9	1 659.8	1 733.8	1 751.2	1.0
AT	546.4	632.7	627.7	727.9	762.4	776.3	1.8
PL	929.0	803.0	1 091.2	1 935.1	2 207.6	2 316.6	4.9
PT	216.3	345.9	588.4	498.0	492.5	485.0	-1.5
RO	327.7	239.2	197.4	85.2	95.5	101.6	6.5
SI	8.5	11.2	48.7	91.0	93.1	93.0	-0.1
SK	81.8	45.6	56.4	59.6	68.1	74.1	8.9
FI	159.5	193.4	301.8	486.8	538.0	554.3	3.0
SE	264.2	310.1	453.1	570.2	593.8	605.6	2.0
UK	714.0	971.0	1 235.0	1 264.4	1 251.8	1 243.7	-0.6
AL	6.9	3.8	7.2	24.0	25.5	26.7	4.6
ME					4.6	5.0	10.3
MK			1.7	7.8	8.5	8.1	-4.5
RS			16.0	37.9	47.2	59.5	25.9
TR	819.9	1 011.3	1 441.1	2 389.5	2 657.7	2 722.8	2.4
IS	1.9	2.3	4.2	9.7	10.1	10.2	0.8
NO	158.6	201.6	257.5	315.5	331.7	337.9	1.9
CH	704.1	732.6	771.1	815.6	851.4	862.9	1.3
LI		2.6	3.1	3.7	3.9	4.0	1.7

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

Road: PASSENGER CARS

NEW VEHICLE REGISTRATIONS

	1 000					%	
	2000	2005	2010	2012	2013	2014	CHANGE '13/'14
EU-28		15 194.3	13 438.2	12 103.9	11 884.3	12 557.1	5.7
BE	515.2	480.1	547.3	487.4	486.1	482.9	-0.6
BG		32.7	15.6	19.8	19.4	20.4	5.2
CZ		151.7	169.6	174.0	164.7	192.3	16.7
DK	112.7	146.9	153.6	170.5	182.2	189.1	3.8
DE	3 378.3	3 319.3	2 916.3	3 082.6	2 952.4	3 036.8	2.9
EE		19.6	10.3	19.4	19.5	20.9	7.0
IE	230.8	171.7	88.4	79.5	74.4	96.3	29.6
EL	290.2	269.7	141.5	58.5	58.7	71.2	21.3
ES	1 381.3	1 528.9	982.0	699.6	722.7	855.3	18.4
FR	2 133.9	2 067.8	2 251.7	1 898.8	1 790.5	1 795.9	0.3
HR	92.4	102.1	46.2	40.8	27.8	33.9	22.0
IT	2 423.1	2 237.4	1 961.6	1 402.1	1 304.6	1 359.6	4.2
CY	8.2	19.2	15.1	11.0	7.1	8.3	16.6
LV		16.6	6.4	10.7	10.6	12.5	17.1
LT		10.5	8.0	12.2	12.2	14.5	19.3
LU	41.9	48.5	49.7	53.0	46.6	49.8	6.8
HU		199.0	43.5	50.4	56.1	67.5	20.2
MT		6.6	4.1	5.9	5.7	6.5	12.2
NL	597.6	465.2	482.6	502.7	416.7	387.8	-6.9
AT	309.4	307.9	328.6	336.0	319.0	303.3	-4.9
PL		235.5	333.5	271.2	288.9	327.2	13.3
PT	257.8	206.5	223.5	95.3	105.9	142.8	34.8
RO		172.5	106.3	72.1	57.7	70.2	21.6
SI		59.3	61.1	50.1	50.9	53.3	4.8
SK		57.1	64.0	69.2	66.0	72.2	9.5
FI	134.6	147.9	107.3	107.2	103.5	106.2	2.7
SE	290.5	274.3	289.7	279.5	269.6	303.9	12.8
UK	2 221.7	2 439.7	2 030.8	2 044.6	2 264.7	2 476.4	9.3
AL							
ME			8.6	11.2	12.4	13.0	5.1
MK		15.9	49.3	32.9	31.9	32.4	1.5
RS				129.2	139.5	82.5	-40.8
TR		406.8	485.6	565.8	668.3	589.1	-11.9
IS	13.6	18.1	3.1	7.9	7.3	9.5	31.1
NO	97.4	109.9	127.8	138.0	142.2	144.2	1.4
CH	316.5	264.9	292.5	326.1	307.9	301.9	-1.9

Note: RO based on sales.

Road: GOODS VEHICLES

NEW VEHICLE REGISTRATIONS

	LIGHT COMMERCIAL VEHICLES			COMMERCIAL VEHICLES			HEAVY COMMERCIAL VEHICLES		
	<3.5 t		%	>3.5 t & <16 t		%	>16 t		%
	2013	2014	CHANGE '13/'14	2013	2014	CHANGE '13/'14	2013	2014	CHANGE '13/'14
EU-28	1385737	1541727	11.3						
BE	55793	55807	0.0	1888	2039	8.0	6314	6518	3.2
BG	9446	10749	13.8	(¹)	(¹)		(¹)	(¹)	
CZ	11658	13196	13.2	1532	1448	-5.5	6556	8150	24.3
DK	24007	28471	18.6	440	363	-17.5	3871	3329	-14.0
DE	212831	228414	7.3	31417	27299	-13.1	55215	58581	6.1
EE	2885	3243	12.4	48	64	33.3	808	712	-11.9
IE	10808	16456	52.3	441	474	7.5	1302	1447	11.1
EL	3431	4707	37.2	176	121	-31.3	169	232	37.3
ES	85388	113787	33.3	2123	2320	9.3	11081	13970	26.1
FR	364989	370361	1.5	7339	6086	-17.1	37626	32698	-13.1
HR	5268	5214	-1.0	159	182	14.5	479	780	62.8
IT	100378	116945	16.5	3026	3101	2.5	10503	9132	-13.1
CY	966	1176	21.7	(¹)	(¹)		(¹)	(¹)	
LV	2175	2539	16.7	71	57	-19.7	1229	843	-31.4
LT	1823	1991	9.2	193	134	-30.6	3228	2117	-34.4
LU	3276	3529	7.7	163	170	4.3	848	918	8.3
HU	11424	15937	39.5	434	366	-15.7	4546	4473	-1.6
MT	536	544	1.5	(¹)	(¹)		(¹)	(¹)	
NL	50246	51539	2.6	1757	1259	-28.3	11810	9342	-20.9
AT	30714	31171	1.5	794	791	-0.4	6636	6035	-9.1
PL	41143	43986	6.9	2928	2316	-20.9	16775	15881	-5.3
PT	18202	26166	43.8	345	565	63.8	2049	2562	25.0
RO	8880	10252	15.5	299	454	51.8	3032	3698	22.0
SI	6165	6318	2.5	132	149	12.9	1063	1343	26.3
SK	5076	5628	10.9	454	448	-1.3	3429	3201	-6.6
FI	10621	10750	1.2	767	575	-25.0	2720	1947	-28.4
SE	37370	41935	12.2	363	527	45.2	4505	4722	4.8
UK	270238	320916	18.8	15196	11004	-27.6	37987	27604	-27.3
IS	583	851	46.0	39	54	38.5	52	74	42.3
NO	30854	29613	-4.0	1732	1337	-22.8	4046	4106	1.5
CH	31199	31013	-0.6	1005	973	-3.2	2843	3778	32.9

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

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				CHANGE '13/'14
	2013	2014	2013	2014	2013	2014	2013	2014	
EU-28							38330	38368	0.1
BE	2	2	305	301	458	839	765	1142	49.3
BG	246	361	(¹)	(¹)	(¹)	(¹)	246	361	46.7
CZ	2	0	194	86	613	816	809	902	11.5
DK	338	467	137	192	259	269	734	928	26.4
DE	18	14	1321	1009	4485	4628	5824	5651	-3.0
EE	4	1	74	124	158	62	236	187	-20.8
IE	32	22	53	48	157	205	242	275	13.6
EL	52	98	38	44	10	30	100	172	72.0
ES			443	510	1212	1386	1655	1896	14.6
FR		1	1518	1145	5445	4751	6963	5897	-15.3
HR	2	1	55	38	54	58	111	97	-12.6
IT	99	27	926	745	1676	1212	2701	1984	-26.5
CY	64	47	(¹)	(¹)	(¹)	(¹)	64	47	-26.6
LV	2	1	201	145	25	57	228	203	-11.0
LT	3	3	125	163	51	125	179	291	62.6
LU		0	30	13	141	146	171	159	-7.0
HU	7	14	33	55	392	309	432	378	-12.5
MT	12	8	0	0	3	2	15	10	-33.3
NL			48	128	547	538	595	666	11.9
AT	6	2	97	119	610	779	713	900	26.2
PL	2633	3002	435	534			3068	3536	15.3
PT	2	5	51	97	119	135	172	237	37.8
RO	634	480	474	630	30	53	1138	1163	2.2
SI		2	46	65	108	103	154	170	10.4
SK			82	89	184	358	266	447	68.0
FI	4	5	211	395	172	291	387	691	78.6
SE	71		304	275	1007	1060	1382	1335	-3.4
UK	2286	2440	4564	4065	2130	2138	8980	8643	-3.8
IS	20	39	19	10	35	20	74	69	-6.8
NO	36	39	438	377	785	599	1259	1015	-19.4
CH	347	174	129	122	452	456	928	752	-19.0

Note: (¹) Figures included in other categories.

Road:
MOTORCYCLES

NEW VEHICLE REGISTRATIONS

	1 000					%	
	1995	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28			1 337.1	1 099.4	834.2	748.1	-10.3
BE		25.3	25.0	26.4	23.4	20.6	-11.9
BG		1.2	0.6	0.9	0.7	0.6	-17.0
CZ	6.9	3.9	7.6	5.4	7.0	7.0	0.3
DK	2.3	3.3	5.8	3.1	2.0	1.9	-5.7
DE	218.2	252.6	168.7	122.3	127.5	129.6	1.7
EE		0.1	0.3	0.5	0.4	0.4	12.4
IE		3.8	2.4	1.1	0.7	0.4	-33.5
EL		64.0	83.1	61.5	31.8	28.5	-10.3
ES		72.0	205.6	135.3	97.9	92.7	-5.4
FR		179.6	196.6	231.6	169.6	147.9	-12.8
HR			6.7	2.9	2.4	2.0	-14.6
IT		524.6	420.5	320.4	206.3	153.9	-25.4
CY			2.5	3.1	2.1	1.7	-19.2
LV			0.4	0.4	0.5	0.5	-3.4
LT		0.4	1.7	0.3	0.5	0.2	-51.2
LU	1.0	1.3	1.3	1.6	1.2	1.6	30.4
HU			12.5	3.2	2.0	1.8	-9.1
MT			0.4	0.6	0.8	0.9	7.5
NL	17.8	19.6	16.8	15.2	10.6	9.6	-9.9
AT	18.7	23.8	19.1	21.4	24.8	26.0	4.8
PL			3.8	8.7	7.8	7.4	-4.7
PT	12.1	17.7	11.2	18.9	17.1	14.5	-15.3
RO			0.8	5.7	0.6	0.5	-6.1
SI		1.2	2.5	2.7	2.0	2.4	16.6
SK			1.2	2.3	1.9	2.8	47.9
FI		5.2	9.2	9.5	5.0	3.9	-20.9
SE		18.4	22.8	13.2	7.6	7.8	2.6
UK		121.9	108.1	81.3	80.0	81.0	1.2
AL							
ME					0.8	0.6	-28.6
MK	1.0	0.5	0.1	3.2	3.4	2.8	-17.9
RS				8.0	5.1	4.9	-4.4
TR			227.7	106.9	176.9	163.6	-7.5
IS		0.2	1.1				
NO			6.2	4.0	4.0	4.0	0.7
CH		50.8	45.1	33.7	39.0	37.9	-2.7

Notes: CY: new and used.
IT: all two-wheelers over 50cc.

Road:
MOPEDS

NEW VEHICLE DELIVERIES

	1 000					%
	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28			646.8	493.5	396.2	-19.7
BE	33.2	17.3	14.2	10.4	8.8	-15.0
BG	2.1	1.1	2.1	1.7	1.3	-26.3
CZ		8.0	2.9	2.3	2.3	-0.3
DK	9.8	4.9	16.5	10.8	8.2	-24.5
DE	108.7	97.3	64.9	50.6	41.4	-18.2
EE		8.0	0.0	0.7	0.7	0.0
IE	3.0	0.8	0.2	0.2	0.2	-6.6
EL	19.2	24.1	18.9	13.3	8.6	-35.1
ES	248.6	115.1	34.2	18.7	15.4	-17.6
FR	192.3	154.9	144.5	127.2	106.1	-16.6
HR		13.2	6.4	4.1	3.1	-23.0
IT	311.8	128.3	88.4	51.7	33.6	-35.1
CY		2.1	0.5	0.3	0.2	-21.6
LV		0.6	1.0	1.7	1.6	-5.9
LT			1.2	1.0	1.0	1.9
LU	0.5	0.5	0.7	1.0	1.1	10.2
HU			3.6	3.2	3.4	6.7
MT			0.2	0.1	0.1	-13.8
NL	66.9	40.9	93.7	68.5	59.4	-13.3
AT	21.3	27.7	24.9	21.1	16.9	-19.8
PL		23.3	72.2	60.0	48.7	-18.7
PT	15.0		4.6	3.2	2.5	-24.2
RO				3.0	1.5	-48.8
SI		3.1	3.5	2.7	2.9	8.7
SK		2.0	1.8	1.5	0.5	-65.9
FI	6.4	20.9	17.9	12.5	8.3	-34.2
SE	10.0	15.4	13.3	8.8	7.9	-9.8
UK	48.2	24.7	14.5	13.4	10.7	-20.1
AL						
ME						
MK						
RS			8.8	6.6	5.7	-14.6
TR			1.5	0.6	0.5	-13.1
IS						
NO		11.9	8.1	9.0	7.5	-16.1
CH		3.1	8.4	8.9	7.9	-11.7

Note: CY: new and used.

Sea:
EU MERCHANT FLEET

SHIPS OF 1 000 gt AND OVER

ON 1 JANUARY 2014

	TOTAL FLEET CONTROLLED		NATIONAL FLAG (¹)		FOREIGN FLAG (INCLUDING OTHER EU)		% OF FOREIGN FLAG IN TOTAL FLEET	
	Number	mio dwt	Number	mio dwt	Number	mio dwt	Number	mio dwt
EU-28	13 163	575.032	3 646	149.394	9 517	425.638		
BE	169	13.613	53	4.980	116	8.633	68.6	63.4
BG	72	1.266	21	0.247	51	1.019	70.8	80.5
CZ	-	-	-	-	-	-	-	-
DK	902	41.136	330	13.459	572	27.677	63.4	67.3
DE	3 811	126.977	333	15.882	3 478	111.095	91.3	87.5
EE	91	0.546	17	0.050	74	0.496	81.3	90.8
IE	65	0.680	30	0.252	35	0.428	53.8	62.9
EL	3 989	282.200	816	73.737	3 173	208.463	79.5	73.9
ES	192	2.481	98	0.592	94	1.889	49.0	76.1
FR	278	9.982	125	3.349	153	6.633	55.0	66.4
HR	100	3.256	67	2.228	33	1.028	33.0	31.6
IT	1 036	41.064	553	17.752	483	23.312	46.6	56.8
CY	181	6.152	72	2.141	109	4.011	60.2	65.2
LV	82	1.198	8	0.041	74	1.157	90.2	96.6
LT	59	0.355	24	0.202	35	0.153	59.3	43.1
LU	-	-	-	-	-	-	-	-
HU	-	-	-	-	-	-	-	-
MT	34	0.350	22	0.144	12	0.206	35.3	58.9
NL	879	8.939	637	5.390	242	3.549	27.5	39.7
AT	7	0.050	-	-	7	0.050	100.0	100.0
PL	115	2.712	11	0.032	104	2.680	90.4	98.8
PT	43	0.915	21	0.099	22	0.816	51.2	89.2
RO	78	0.990	3	0.039	75	0.951	96.2	96.1
SI	6	0.023	-	-	6	0.023	100.0	100.0
SK	-	-	-	-	-	-	-	-
FI	99	1.697	67	0.805	32	0.892	32.3	52.6
SE	327	6.638	95	1.172	232	5.466	70.9	82.3
UK	548	21.812	243	6.801	305	15.011	55.7	68.8
AL	19	0.073	13	0.042	6	0.031	31.6	42.5
ME	4	0.073	3	0.072	1	0.001	25.0	1.4
MK								
RS								
TR	1 381	27.572	583	8.421	798	19.151	57.8	69.5
IS	22	0.125	1	0.000	21	0.125	95.5	100.0
NO	1 542	58.805	504	15.284	1 038	43.521	67.3	74.0
CH	179	5.968	47	1.402	132	4.566	73.7	76.5

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

Russia: 1547 ships, 22.498 mio dwt;

Monaco: 38 ships, 2.234 mio dwt;

Ukraine: 352 ships, 3.387 mio dwt;

Gibraltar: 6 ships, 0.030 mio dwt.

Source: ISL, based on quarterly updates from IHS Fairplay

Sea:
WORLD MERCHANT FLEET

TOTAL CONTROLLED FLEET BY WORLD REGION

World region	dwt (million)					
	On 1 January:					
	1995	2000	2005	2010	2013	2014
Europe (*)	311.246	350.136	400.947	518.276	669.864	696.400
of which: EU-28 (**)	223.564	257.975	316.850	432.246	545.012	575.031
North America	51.024	49.413	45.414	50.539	69.064	70.211
Latin America	18.691	15.679	14.422	30.867	22.651	31.838
Asia / Oceania	246.722	292.722	361.311	532.446	748.366	780.826
Africa	6.742	7.121	5.142	6.981	12.753	13.640
Unknown	37.956	38.115	52.687	86.555	8.178	3.007
TOTAL	672.381	753.226	879.923	1 225.665	1 530.876	1 595.922
SHARE OF EU IN TOTAL AND OF FOREIGN FLAG IN EU						
EU-28 (**) control of total	33.2	34.2	36.0	35.3	35.6	36.0
EU-28: Foreign flag share (***)	56.5	68.1	67.8	69.4		74.0

Note: Only ships of 1 000 gt and over.

(*) In this table Europe includes EU-28, EFTA, Monaco, Gibraltar, Andorra, Turkey, Western Balkan countries, Russia, Ukraine and Moldova.

(**) EU-28 since 2012.

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

Source: ISL, up to 2011 based on quarterly updates from IHS Fairplay, since 2012 on Clarkson Research Services Limited (CRSL)

Sea: WORLD MERCHANT FLEET

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

	NUMBERS AND DEADWEIGHT					
	ON 1 JANUARY 2014					
	Number			dwt (1 000)		
(ships of 1 000 gt and over)	WORLD	EU-28	%	WORLD	EU-28	%
TOTAL FLEET	40 246	13 166	33	1 595 922	575 030	36
Tankers	10 839	3 401	31	565 025	205 145	36
OF WHICH:						
Crude oil and oil product tankers	5 174	1 451	28	429 660	153 275	36
Oil / chemical tankers	4 181	1 537	37	88 208	40 212	46
Liquid gas tankers	1 399	395	28	46 183	10 571	23
Bulk carriers	9 971	2 855	29	705 358	208 108	30
Container ships	5 103	2 771	54	216 272	127 970	59
General cargo	12 250	3 391	28	1 032 282	31 309	30
OF WHICH:						
Conventional cargo	8 690	2 259	26	487 200	13 882	28
Special cargo (*)	1 215	505	42	31 179	10 270	33
Pure car carriers	754	94	12	11 867	1 499	13
Reefer	734	227	31	4 574	1 951	43
Ro-Ro cargo	857	306	36	6 942	3 708	53
Passenger and passenger cargo	2 083	748	36	5 985	2 498	42

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

	NUMBERS AND GROSS TONS					
	ON 1 JANUARY 2014					
	Number			gt (1 000)		
(ships of 300 gt and over)	WORLD	EU-28	%	WORLD	EU-28	%
TOTAL	4 005	1 218	30	35 866	15 303	43
Cargo passenger and Ro-Ro passenger ships	2 432	824	34	16 849	9 527	57
Passenger (not Ro-Ro)	1 573	394	25	19 017	5 776	30
ON MID 2014						
Cruise ships by registered flag (ships of 1 000 gt and over)	292	96	33	18 130	5 568	31

Notes: No deadweight figure is given for cruise ships, since dwt is a measure of the weight admissible in the vessel.

Ro-Ro: vehicles roll on to embark, vehicles roll off to disembark.

Reefer: refrigerated ships.

(*) Including open hatch carriers.

Air: PASSENGER AIRCRAFT

NUMBER OF CIVIL AIRCRAFT IN SERVICE

	ON 31 DECEMBER 2014				TOTAL
	50 seats or less	51 to 150 seats	151 to 250 seats	251 seats and more	
EU-28	351	1 259	1 816	518	3 944
BE	4	38	17	10	69
BG	6	11	11	1	29
CZ	6	15	10	1	32
DK	20	42	39	6	107
DE	17	231	292	97	637
EE	11	8	1		20
IE	9	34	336	6	385
EL	10	19	35	1	65
ES	16	97	155	49	317
FR	61	136	114	102	413
HR	1	11	2		14
IT	2	118	45	18	183
CY			6		6
LV	1	25	7		33
LT	7	5	6		18
LU	6	9	2		17
HU	4		53		57
MT	5	4	7		16
NL	9	76	70	54	209
AT	4	50	39	8	101
PL	6	39	22	6	73
PT	14	31	49	9	103
RO	7	21	9		37
SI	6	8			14
SK	2		8		10
FI		42	21	15	78
SE	25	34	12	3	74
UK	92	155	448	132	827
AL					
ME					
MK					
RS					
TR	2	43	301	42	388
IS	13		24		37
NO	32	57	116	12	217
CH	27	41	97		165
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 2014

EU-28	FREIGHT / CARGO		QUICK-CHANGE CONVERTIBLE (pass./cargo) Multi-role	SPECIAL PURPOSE / AMBULANCE	BUSINESS / CORPORATE / EXECUTIVE	% CHANGE '12/'13
	under 100 000 lbs mtow	over 100 000 lbs mtow				
EU-28	169	202	36	84	1961	
BE	5	20			60	
BG	3	5	1		14	
CZ				3	37	
DK	3	15	6	1	67	
DE	9	58		27	382	
EE	5				10	
IE	17	3			26	
EL	5			2	21	
ES	39	9	6		84	
FR		15	5	17	121	
HR				1	3	
IT	5	2	3	4	98	
CY					8	
LV	6				6	
LT	2			1	9	
LU	1	19		4	78	
HU	7	2			9	
MT					88	
NL		10		2	25	
AT				4	226	
PL	16		2	1	18	
PT		1		2	122	
RO					11	
SI	1	2			18	
SK		2			11	
FI		4		2	25	
SE	32			4	39	
UK	13	35	13	9	345	
AL						
ME						
MK						
RS						
TR		18		6	103	
IS		6				
NO					9	
CH	13			4	168	
LI					2	

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.

Source: Ascend

Rail:

LOCOMOTIVES AND RAILCARS

STOCK OF VEHICLES

	1990	2000	2005	2010	2012	2013	% CHANGE '12/'13
EU-28	66 278		47 923	59 851	56 953	58 054	1.9
BE	1 727	1 670	1 518	1 341	1 266	1 188	-6.2
BG	1 119	762	669	624	451	504	11.8
CZ		3 596	3 163	2 258	2 124	2 274	7.1
DK	524	415	464	495	347	317	-8.6
DE	14 437	9 656	7 742	15 613	15 103	15 887	5.2
EE	300	194	170	81	75	75	0.0
IE	166	172	412	572	374	620	65.8
EL	400	244	289	301	301	301	0.0
ES	1 922	1 693	1 946	1 732	1 785	1 782	-0.2
FR	7 279	7 158	7 354	6 768	5 895	5 692	-3.4
HR	563	480	377	284	296	301	1.7
IT	4 818	4 697	4 674	4 494	3 650	3 243	-11.2
CY	-	-	-	-	-	-	-
LV	739	433	358	196	205	205	0.0
LT	389	419	365	275	262	277	5.7
LU	97	124	145	104	43	43	0.0
HU	2 040	1 453	1 385	1 275	1 286	1 225	-4.7
MT	-	-	-	-	-	-	-
NL	2 372	1 965	2 078	2 411	2 443	2 416	-1.1
AT	1 543	1 530	1 500	1 233	1 072	1 607	49.9
PL	6 801	5 293	4 723	4 421	4 103	3 996	-2.6
PT	530	589	439	275	401	417	4.0
RO	4 515	3 440	2 186	2 229	2 280	2 211	-3.0
SI	358	300	261	267	405	405	0.0
SK		1 570	1 204	1 035	1 033	1 029	-0.4
FI	669	735	702	644	652	652	0.0
SE	1 350	887	622	213	221	211	-4.5
UK	5 610		3 177	10 710	11 082	11 176	0.8
AL							
ME	-	-	-	-	-	-	-
MK	92	101	73	63	69	53	-23.2
RS					485	487	0.4
TR	897	849	735	673	783	780	-0.4
IS	-	-	-	-	-	-	-
NO	502	299	289	544	629	816	29.7
CH	1 254	1 528	2 198	1 745	1 680	1 645	-2.1

Notes: Data relates to main railways (UIC members). From 2010 a new split between 'railcars' and 'trainset' has been introduced by UIC. Values on this table consider the declared values of locomotives (diesel + electric) and railcars (diesel + electric).
DE: includes DE-E: 1970 = 5 000, 1980 = 4 506, 1990 = 6 331.
CS: 1970 = 4 998, 1990 = 6 010.

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

Rail: PASSENGER TRANSPORT VEHICLES

STOCK OF COACHES, RAILCARS AND TRAILERS

	1990	2000	2005	2010	2012	2013	% CHANGE '12/'13
EU-28		<i>110 111</i>	<i>99 508</i>	<i>102 691</i>	<i>97 249</i>	<i>96 206</i>	-1.1
BE	3 286	3 494	3 251	3 412	3 290	2 345	-28.7
BG	2 386	2 099	1 558	1 369	1 777	744	-
CZ		5 252	4 895	4 514	4 419	4 312	-2.4
DK	1 594	1 590	1 473	1 307	1 002	1 983	97.9
DE	24 139	21 097	20 169	18 565	17 743	18 290	3.1
EE	596	241	183	189	189	189	0.0
IE	314	421	581	592	592	653	10.3
EL	810	505	564	718	718	718	0.0
ES	3 839	3 765	5 239	5 665	4 944	5 225	5.7
FR	15 748	15 656	15 879	16 890	16 626	17 130	3.0
HR	1 052	720	579	523	519	541	4.2
IT	14 025	11 914	10 066	12 465	10 041	9 510	-5.3
CY	-	-	-	-	-	-	-
LV	1 226	702	490	491	491	491	0.0
LT	664	563	467	337	262	264	0.8
LU	114	149	185	214	210	210	0.0
HU	4 385	3 232	2 787	3 136	3 086	2 458	-20.3
MT	-	-	-	-	-	-	-
NL	2 268	2 742	852	2 824	2 948	2 895	-1.8
AT	3 689	3 468	3 112	2 974	2 839	2 843	0.1
PL	11 928	9 761	7 725	6 926	5 987	5 963	-0.4
PT	1 232	1 303	1 125	965	980	973	-0.7
RO	6 352	6 234	3 310	3 037	2 511	2 304	-8.2
SI	606	461	401	355	355	355	0.0
SK		2 273	1 808	1 530	1 516	1 467	-3.2
FI	957	1 003	1 084	1 071	1 131	1 163	2.8
SE	1 747	1 000	791	871	839	839	0.0
UK		<i>10 466</i>	<i>10 934</i>	<i>11 751</i>	<i>12 234</i>	<i>12 341</i>	0.9
AL							
ME	-	-	-	-	-	-	-
MK	175	164	125	64	61	68	11.5
RS					767	769	0.3
TR	1 443	1 415	1 312	1 342	1 365	1 381	1.2
IS	-	-	-	-	-	-	-
NO	900	918	191	210	209	175	-16.3
CH	4 136	3 333	4 293	4 949	4 911	4 997	1.8

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	2005	2010 (*)	2011 (*)	2012 (*)	2013 (*)
EU-28							
BE	30 332	18 790	17 375	11 612	11 612	11 612	11 612
BG	42 459	29 720	16 511	11 751	16 458	16 576	5 483
CZ		58 524	44 545	27 416	27 314	27 066	26 281
DK	4 632	2 236					
DE	366 724	189 558	158 247	108 840	106 727	104 460	96 868
EE		5 857	18 971	2 958	2 981	2 931	2 931
IE	1 830	1 856	926	502	502	502	450
EL	10 967	3 453	3 491	3 158	3 158	3 158	3 158
ES	37 687	26 452	23 842	14 337	13 732	14 148	14 900
FR	148 100	94 789	95 738	25 314	20 322	17 830	16 333
HR	13 720	9 986	7 330	6 674	6 063	6 063	5 959
IT	99 728	70 115	45 730	30 331	28 493	22 140	20 625
CY	-	-	-	-	-	-	-
LV	11 085	9 146	8 871	6 038	6 126	6 320	6 815
LT	12 860	13 155	13 192	9 238	9 212	9 112	9 202
LU	2 719	2 626	3 222	3 895	3 895	3 895	3 895
HU		23 528	19 130	11 700	11 700	11 700	11 700
MT	-	-	-	-	-	-	-
NL	6 697	4 700					
AT	34 330	23 970	22 655	28 605	17 412	18 104	17 477
PL	275 582	130 116	75 164	68 151	65 102	63 269	62 255
PT	4 579	4 162	3 495	3 194	3 170	3 170	3 170
RO	166 086	117 982	65 175	72 605	69 285	72 638	42 571
SI	8 692	6 258	4 465	3 211	3 142	3 120	3 142
SK		26 975	16 370	16 964	17 319	17 145	17 522
FI	15 200	12 630	11 216	10 464	10 364	9 817	9 457
SE	27 470	17 596	13 649				
UK	34 403						
AL							
ME	-	-	-	-	-	-	-
MK			1 525	1 144	1 007	1 011	1 011
RS					8 447	8 449	8 452
TR	21 941	17 872	17 499	17 773	18 200	18 167	18 607
IS	-	-	-	-	-	-	-
NO							
CH	27 104	19 894	18 339	8 794	8 289	7 869	7 360

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	2010	2012	2013	CHANGE '12/'13	% CHANGE '01/'13
EU-28	77337	57082	45943	31490	28143	25938	-7.8	-52.8
BE	1976	1470	1089	840	770	723	-6.1	-51.3
BG	1567	1012	957	776	601	601	0.0	-40.6
CZ	1291	1486	1286	802	742	655	-11.7	-50.9
DK	634	498	331	255	167	191	14.4	-55.7
DE	11046	7503	5361	3648	3600	3339	-7.3	-52.1
EE	436	204	170	79	87	81	-6.9	-59.3
IE	478	418	400	212	162	190	17.3	-53.9
EL	2050	2037	1658	1258	988	874	-11.5	-53.5
ES	9032	5777	4442	2479	1903	1680	-11.7	-69.5
FR	11215	8079	5318	3992	3653	3268	-10.5	-60.0
HR	1360	655	597	426	390	368	-5.6	-43.1
IT	7151	7061	5818	4114	3653	3385	-7.3	-52.3
CY	116	111	102	60	51	44	-13.7	-55.1
LV	947	635	442	218	177	179	1.1	-67.9
LT	933	641	773	299	302	256	-15.2	-63.7
LU	70	76	47	32	34	45	32.4	-35.7
HU	2432	1200	1278	740	606	591	-2.5	-52.3
MT	4	15	17	15	9	18	100.0	12.5
NL	1376	1082	750	537	562	476	-15.3	-52.1
AT	1391	976	768	552	531	455	-14.3	-52.5
PL	7333	6294	5444	3908	3571	3357	-6.0	-39.3
PT	2646	1877	1247	937	718	637	-11.3	-61.9
RO	3782	2466	2629	2377	2042	1861	-8.9	-24.0
SI	517	314	258	138	130	125	-3.8	-55.0
SK	731	628	606	353	352	251	-28.7	-59.1
FI	649	396	379	272	255	258	1.2	-40.4
SE	772	591	440	266	285	260	-8.8	-55.4
UK	5402	3580	3336	1905	1802	1770	-1.8	-50.8
AL		280	307	352	334	295	-11.7	-0.7
ME				95	46	74	60.9	
MK		162	143	162	132	198	50.0	85.0
RS				656	668	631	-5.5	
TR	6317	5510	4505	4045	3750	3685	-1.7	-16.0
IS	24	32	19	8	9	15	66.7	-37.5
NO	332	341	224	208	145	187	29.0	-32.0
CH	954	592	409	328	339	269	-20.6	-50.6

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

		2013	
per million inhabitants	per 10 billion pkm	per million passenger cars	
SE	27	SE	24
UK	28	UK	28
NL	28	NL	33
DK	34	DK	36
ES	36	DE	37
IE	41	IE	40
DE	41	FI	40
MT	43	FR	41
SK	46	SI	50
FI	47	ES	53
CY	51	IT	55
FR	51	EU-28	56
EU-28	51	AT	61
AT	54	LU	66
IT	56	BE	66
HU	60	EE	72
SI	61	CY	74
PT	61	LT	77
EE	61	PT	78
CZ	62	MT	79
BE	65	EL	91
EL	80	SK	92
BG	83	CZ	101
LU	83	HU	114
HR	86	BG	117
LT	87	HR	141
PL	88	LV	153
LV	89	PL	158
RO	93	RO	232
		RO	405
		FR	102
		EU-28	105
		SI	117
		LU	125
		EE	132
		BE	132
		SK	136
		CZ	139
		PT	142
		LT	144
		EL	170
		PL	176
		HU	196
		BG	210
		HR	254
		LV	286

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 2013. pkm: indicator of traffic volume (in the absence of consistent vehicle-kilometre data); passenger-kilometres of cars indicated in table 2.3.4 for 2013 plus (mostly estimated) passenger-kilometres of motorised two-wheelers. Inhabitants: the average population at 1 January 2013 and 1 January 2014. Passenger cars: the average stock of vehicles indicated in table 2.6.2 for 2012 and 2013.

Road Fatalities BY TYPE OF USER

	YEAR	TOTAL	DRIVER	PASSENGER	PEDESTRIAN	PEDESTRIAN AS A % OF TOTAL
BE	2013	723	516	107	99	13.7
BG	2011	658	310	199	149	22.6
CZ	2013	654	389	103	162	24.8
DK	2013	191	121	37	33	17.3
DE	2013	3 339	2 309	469	561	16.8
EE	2009	98	49	26	23	23.5
IE	2012	162	101	32	29	17.9
EL	2013	879	582	146	151	17.2
ES	2013	1 680	1 018	291	371	22.1
FR	2013	3 268	2 279	524	465	14.2
HR	2013	368	215	84	69	18.8
IT	2013	3 385	2 297	539	549	16.2
CY	2013	44	29	7	8	18.2
LV	2013	179	83	26	70	39.1
LT	2013	256	106	53	96	37.5
LU	2013	45	35	5	5	11.1
HU	2013	591	325	119	147	24.9
MT	2011	21	12	0	9	42.9
NL	2013	476	382	43	51	10.7
AT	2012	531	374	76	81	15.3
PL	2012	3 571	1 756	658	1 157	32.4
PT	2013	637	387	106	144	22.6
RO	2013	1 861	720	415	726	39.0
SI	2012	130	92	19	19	14.6
SK	2010	371	170	75	126	34.0
FI	2013	258	181	43	34	13.2
SE	2013	260	171	42	42	16.2
UK	2013	1 770	1 078	287	405	22.9

Notes: Persons deceased within 30 days of their accident. In this table the totals exclude the victims which were labelled as 'Unknown'. '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	2013	624	340	5	13	34	102	13	73	2	42
BG	2009	703	570	5	33		48	5	29	1	12
CZ	2013	492	308	2	19	15	66	6	74	1	1
DK	2013	157	79	0	1	17	15	11	33	0	1
DE	2013	2 778	1 588	11	148		568	73	354	12	24
EE	2009	75	54	2	6	0	2	3	7	0	1
IE	2012	133	89	1	2	10	19		8		4
EL	2013	728	347	2	7	38	271	25	15	17	6
ES	2013	1 308	716	11	43	69	302	56	70	17	24
FR	2013	2 803	1 615	7	57	132	658	159	147	7	21
HR	2013	299	195	1	2	2	49	14	23	12	1
IT	2013	2 836	1 483	48	43	101	724	125	251	24	37
CY	2013	36	16	0	2	1	15	0	2	0	0
LV	2013	109	71	1	3	5	10	3	13	2	1
LT	2009	259	183	0	2	0	30	5	30	0	9
LU	2013	40	30	0	2	0	8	0	0	0	
HU	2013	444	254	6	13	17	58	24	68		4
MT	2010	13	9	0	0	0	3		0	0	1
NL	2013	425	180	0	7	15	29	41	112	0	41
AT	2013	373	194	0	6	15	87	15	52	4	0
PL	2013	2 217	1 448	18	90	-	253	62	306	23	17
PT	2013	493	214	11	18	61	78	51	29	21	10
RO	2013	1 135	721	8	18	61	52	39	161	6	69
SI	2013	105	40	0	1	5	17	4	16	3	19
SK	2010	245	171	0	19	1	27		27		0
FI	2013	224	152	1	6	9	24	5	20	4	3
SE	2013	218	144	1	5	5	40	3	14	1	5
UK	2013	1 365	815	12	22	39	337	4	113	5	18

Note: Persons deceased within 30 days of their accident.

Road Accidents

NUMBER OF ACCIDENTS INVOLVING PERSONAL INJURY

	1 000							%
	1990	1995	2000	2005	2010	2012	2013	CHANGE '12/'13
EU-28	1 502.08	1 433.020	1 505.653	1 341.981	1 130.484	1 079.825	1 054.744	-2.3
BE	62.45	50.744	49.065	49.307	40.569	37.478	35.632	-4.9
BG	6.48	7.435	6.886	8.224	6.610	6.717	6.859	2.1
CZ	21.91	28.746	25.445	25.239	19.675	20.503	20.342	-0.8
DK	9.16	8.373	7.346	5.413	3.498	3.124	2.985	-4.4
DE	389.35	388.003	382.949	336.618	288.297	299.637	291.105	-2.8
EE	2.10	1.644	1.504	2.341	1.347	1.383	1.382	-0.1
IE	6.07	8.117	7.749	6.533	5.779	5.610	5.865	4.5
EL	19.61	22.798	23.001	16.914	15.032	12.398	12.072	-2.6
ES	101.51	83.586	101.729	91.187	85.503	83.115	89.519	7.7
FR	162.57	132.949	121.223	84.525	67.288	60.437	56.812	-6.0
HR	14.47	12.668	14.430	15.679	13.274	11.774	11.228	-4.6
IT	161.78	182.761	256.546	240.011	211.404	188.228	181.227	-3.7
CY	3.17	3.052	2.411	1.382	1.198	0.919	0.774	-15.8
LV	4.33	4.056	4.482	9.310	3.193	3.358	3.489	3.9
LT	5.14	4.144	5.807	6.772	3.530	3.392	3.418	0.8
LU	1.22	1.145	0.899	0.775	0.787	1.019	0.949	-6.9
HU	27.80	19.817	17.493	20.777	16.308	15.174	15.691	3.4
MT	0.24	0.969	1.253	0.848	0.577	0.348	0.314	-9.8
NL	44.89	42.641	42.271	27.007	12.457	4.968	9.522	-
AT	46.34	38.956	42.126	40.896	35.348	40.831	38.502	-5.7
PL	50.53	56.904	57.331	48.100	38.832	37.046	35.847	-3.2
PT	45.11	48.339	44.463	37.066	35.426	29.867	30.339	1.6
RO	9.71	9.119	7.889	19.819	25.995	26.928	24.827	-7.8
SI	5.18	6.567	8.951	10.509	7.659	6.857	6.559	-4.3
SK	8.24	8.713	7.884	7.903	8.119	5.007	4.729	-5.6
FI	10.18	7.812	6.633	7.020	6.072	5.725	5.334	-6.8
SE	16.98	15.626	15.770	18.094	16.627	16.636	14.942	-10.2
UK	265.60	237.336	242.117	203.712	160.080	151.346	144.480	-4.5
AL		0.399	0.428	0.853	1.564	1.87	2.075	11.0
ME					9.14	8.10	5.264	-35.0
MK	2.30	2.44	1.67	2.82	4.22	4.11	4.23	3.0
RS					14.18	13.19	13.42	1.8
TR	55.77	66.03	75.20	87.27	116.80	153.55	161.31	5.0
IS	0.56	1.06	0.98	0.67	0.88	0.74	0.81	8.9
NO	8.80	8.63	8.44	8.08	6.43	6.15	5.24	-14.8
CH	23.83	23.03	23.74	21.71	19.61	18.15	17.47	-3.7

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

Railway Fatalities

NUMBER OF RAILWAY PASSENGERS KILLED
IN ACCIDENTS INVOLVING RAILWAY

	1990	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013
EU-28	66	83	73	89	48	63	38	36	97		
BE	0	3	0	4	9	2	2	18	0	0	0
BG		3	1	2	12	1	0	1	1	0	0
CZ		1	4	4	0	13	1	2	5	2	0
DK	1	3	0	0	0	0	0	0	0	1	0
DE	50	38	7	18	3	1	3	0	9	3	0
EE		0		0	0	0	0	0	0	0	0
IE	1	2	0	0	0	0	0	0	0	0	0
EL	0	20	0	3	0	1	0	1	0	0	0
ES	4	0	1	9	13	5	2	15	2	4	79
FR	30	15	5	12	9	10	7	2	7	2	4
HR		1	0	3	0	11	1	0	0	0	0
IT	9	8	22	5	5	4	5	7	0	2	2
CY	-	-	-	-	-	-	-	-	-	-	-
LV		0	0	0	0	1	0	0	0	0	0
LT		0	0	0	0	0	0	0	0	0	0
LU	0	0	0			0	0	0	0	0	0
HU	33	11	6	4	14	10	0	3	3	3	4
MT	-	-	-	-	-	-	-	-	-	-	-
NL	2	0	0	1	0	1	0	0	0	1	0
AT	6	4	1	0	1	2	1	0	0	0	0
PL	21	20	0	9	9	8	8	7	10	15	6
PT	22	2	7	0	1	3	0	1	0	0	1
RO		0	1	8	0	15	4	4	0	1	1
SI		0	0	0	0	0	0	0	0	0	0
SK		0	0	4	1	2	2	0	1	1	0
FI	0	2	0	1	0	0	0	0	0	0	0
SE	3	0	0	0	0	0	0	2	0	0	0
UK	37	20	8	0	3	0	0	0	0	0	0
AL											
ME											0
MK			0	0	0	2	2	0	0	0	0
RS											
TR	17	9	10	6	1	9	7	3	1	3	1
IS	-	-	-	-	-	-	-	-	-	-	-
NO	4	32	0	1	0	0	0	0	0	0	0
CH	8	2	3	0	0	0	1	2	1	0	0

Sources: European Railway Agency (from 2006 onward for EU MS and NO), Eurostat, Union Internationale des Chemins de Fer, national statistics

Air: LIVES LOST

PERIOD	Lives lost over EU-28 territory by any operator	Lives lost by EU-28 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	0
2008	154	154
2009	9	228
2010	0	0
2011	6	6
2012	8	0
2013	0	0
2014	0	120
1970–1979/yr.	312	328
1980–1989/yr.	179	128
1990–1999/yr.	51	74
2000–2009/yr.	65	78
2010–2014/yr.	3	25

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)

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	8	102	20	452	56	281
2012	12	93	4	83	43	314
2013	3	10	11	257	46	291
2014	2	4	-	-	15	66

Notes: Reported world total losses at time of loss; ships of 500 gt and over. 2014 values refer to mid-year.

PART 3

Energy and environment



PART 3 SUMMARY

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Glossary

Conventional thermal power:

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

Energy Dependency:

Energy dependency shows the extent to which a country relies upon imports in order to meet its energy needs. It is calculated using the following formula: net imports / (gross inland consumption+bunkers).

Energy Intensity:

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

Final Energy Consumption (FEC):

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

Gross Calorific Value (GCV):

The gross calorific value is the total amount of heat released by a unit quantity of fuel, when it is burned completely with oxygen, and when the products of combustion are returned to ambient temperature.

This quantity includes the heat of condensation of any water vapour contained in the fuel and of the water vapour formed by the combustion of any hydrogen contained in the fuel.

Gross Inland Consumption (GIC):

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

Net Calorific Value (NCV):

The net calorific value is the amount of heat released by a unit quantity of fuel, when it is burned completely with oxygen, and when the products of combustion are returned to ambient temperature.

This quantity does not include the heat of condensation of any water vapour contained in the fuel nor of the water vapour formed by the combustion of any hydrogen contained in the fuel.

Primary Energy Production:

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

Solid fuels: Hard coal, lignite

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

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

Conversion Factors

ENERGY

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

VOLUME

FROM:	TO:	Barrel	Litre	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-28

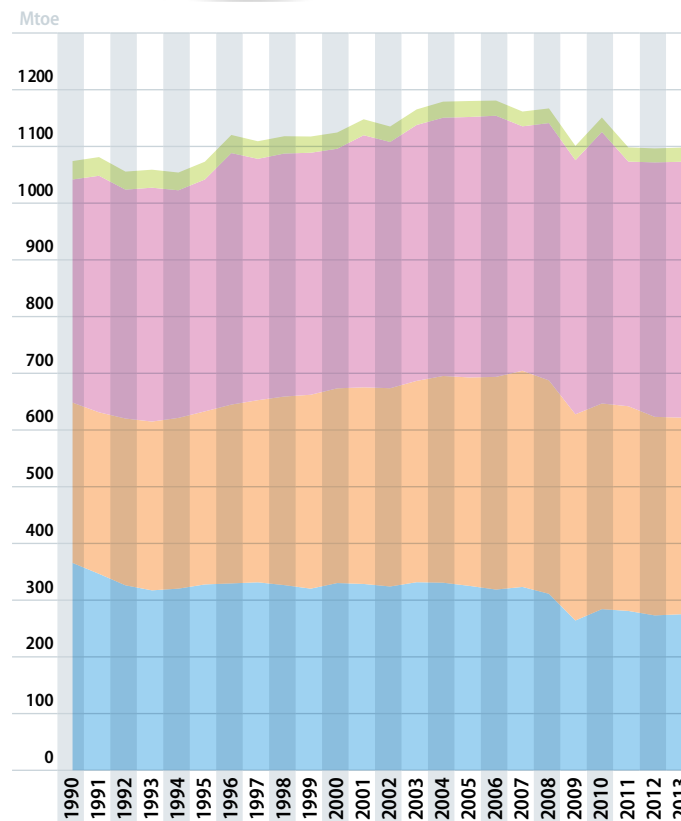
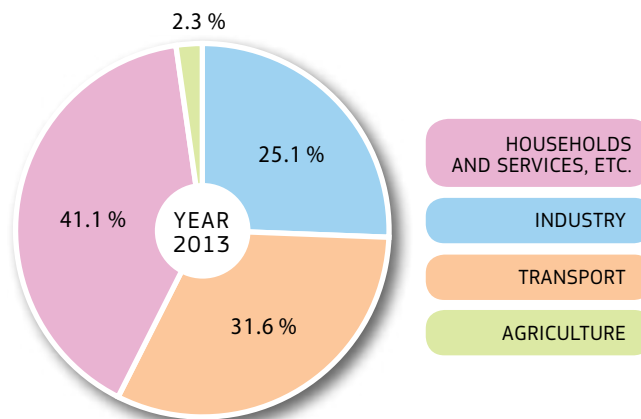
	Mtoe	1990	1995	2000	2005	2010	2012	2013
Production (*)	947.1	964.9	946.8	906.5	845.5	810.5	804.2	
Solid fuels	369.1	279.8	214.6	196.0	164.8	167.5	156.5	
Oil	132.9	177.5	175.7	138.0	109.9	89.9	85.5	
Gas	165.1	191.4	209.4	190.8	159.9	133.4	132.0	
Nuclear	205.2	227.3	243.8	257.5	236.6	227.7	226.3	
Renewables	71.0	83.2	97.1	116.3	163.3	180.1	192.0	
Industrial waste	3.8	5.7	6.1	7.8	11.0	11.7	11.9	
Net Imports	753.5	734.4	826.3	979.7	955.0	923.6	909.0	
Solid fuels	81.3	78.4	98.3	125.4	111.8	124.3	126.6	
Oil	532.5	508.4	532.2	597.5	558.8	532.0	523.6	
Gas	135.6	145.5	193.4	254.1	278.0	258.8	252.6	
Electricity	3.9	1.8	2.0	1.4	0.7	1.6	1.1	
Renewables	0.2	0.3	0.3	1.4	5.6	6.8	4.9	
Other (**)	0.0	0.0	0.0	0.0	0.0	0.1	0.2	
Gross Inland Consumption	1 667.3	1 671.1	1 726.8	1 824.7	1 760.6	1 686.1	1 666.3	
Solid fuels	454.9	365.0	321.3	318.1	283.0	294.2	286.5	
Oil	630.0	651.7	660.0	677.0	613.0	570.3	556.6	
Gas	298.1	336.1	396.1	445.3	447.4	393.4	386.9	
Nuclear	205.2	227.3	243.8	257.5	236.6	227.7	226.3	
Renewables	71.3	83.5	97.5	117.6	168.9	186.9	196.8	
Other (***)	7.7	7.5	8.1	9.2	11.7	13.5	13.3	
Elec. Generation (TWh)	2 594.8	2 743.0	3 035.2	3 325.1	3 364.4	3 296.6	3 261.5	
Final Energy Consumption by fuel/product	1 080.0	1 078.8	1 130.6	1 186.4	1 157.2	1 102.4	1 103.8	
Solid fuels	124.3	83.0	62.0	54.0	49.8	48.1	47.6	
Oil	446.4	464.2	489.7	502.6	457.4	429.2	425.0	
Gas	229.9	247.2	267.6	281.2	273.2	252.1	259.8	
Electricity	186.0	194.3	217.6	239.5	244.5	240.5	238.3	
Renewables	38.1	43.2	48.1	55.3	76.9	81.5	82.2	
Other (**)	55.2	47.0	45.6	53.8	55.5	51.0	50.9	
by sector								
INDUSTRY	367.6	329.5	331.9	326.9	285.7	274.6	276.6	
TRANSPORT	284.2	306.8	345.2	369.5	364.6	352.0	348.5	
Rail	8.3	8.3	8.2	7.6	7.1	7.0	6.7	
Road	238.0	256.2	283.8	301.6	299.8	287.2	285.0	
International aviation	24.1	29.5	38.5	43.4	43.0	43.5	43.8	
Domestic aviation	5.6	4.8	6.5	6.7	6.4	5.6	5.2	
Domestic navigation	6.4	6.2	6.1	6.8	5.7	4.9	4.6	
Consumption in pipeline transport, etc.	1.9	1.8	2.1	3.5	2.7	3.7	3.3	
HOUSEHOLDS	273.6	283.6	294.4	305.5	311.1	293.8	295.9	
AGRICULTURE	32.6	31.6	28.8	28.3	25.6	24.8	25.0	
SERVICES, ETC.	121.9	127.4	130.3	156.2	170.2	157.3	157.7	
CO₂ Emissions (Mt) (****)	4 615.4	4 365.2	4 384.3	4 558.7	4 193.6	3 995.0		
Energy intensity (toe/ME '10)	173	174	155	149	138	130	129	
CO₂ intensity (tCO₂/toe)	2.77	2.61	2.54	2.50	2.38	2.37		
Import dependency, %	44.3	43.0	46.7	52.2	52.8	53.3	53.2	
RES share in transport, % (*****)				1.41	4.78	5.06	5.35	

Notes: (*) Including recovered products.
 (**) Derived heat and industrial waste.
 (***) Electrical energy and industrial waste.
 (****) Source: European Environment Agency, June 2014, including bunkers.
 (*****): 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. From 2011, only formally reported compliant biofuels in line with Directive 2009/28/EC are considered for the RES share in transport calculations whereas before 2011 all biofuels are accounted.

Final Energy Consumption BY SECTOR 2013 (Mtoe)

	ALL SECTORS	INDUSTRY	TRANSPORT					Domestic navigation Consumption in pipeline transport, etc.		HOUSEHOLDS, SERVICES, ETC.	Households	Agriculture	Services, etc.
			Road	Railways	Air								
EU-28	1103.8	276.6	348.5	285.0	6.7	49.0	4.6	3.3	478.6	295.9	25.0	157.7	
Share	100%	25%	32%	82%	2%	14%	1%	1%	43%	62%	5%	33%	
BE	34.8	10.5	9.8	8.1	0.2	1.3	0.2	0.1	14.6	9.0	0.7	4.9	
BG	8.8	2.6	2.8	2.4	0.0	0.2		0.2	3.4	2.2	0.2	1.0	
CZ	23.9	7.5	6.0	5.4	0.2	0.3	0.0	0.1	10.3	6.3	0.6	3.4	
DK	14.2	2.2	4.8	3.6	0.1	0.9	0.1	0.0	7.2	4.3	0.9	2.0	
DE	217.3	60.7	62.6	51.6	1.4	9.0	0.3	0.3	93.9	59.7		34.2	
EE	2.9	0.6	0.8	0.7	0.0	0.0	0.0	0.0	1.5	0.9	0.1	0.4	
IE	10.7	2.2	4.2	3.5	0.0	0.6	0.0	0.0	4.3	2.8	0.2	1.3	
EL	15.3	2.8	6.3	5.0	0.0	0.9	0.4	0.0	6.2	3.8	0.3	2.1	
ES	81.1	21.0	32.0	25.4	0.5	5.1	0.5	0.5	28.2	15.0	2.8	10.4	
FR	152.1	30.0	49.3	41.0	0.9	6.5	0.5	0.3	72.8	43.7	4.6	24.5	
HR	5.8	1.1	2.0	1.8	0.0	0.1	0.0	0.0	2.7	1.7	0.2	0.7	
IT	118.7	27.0	38.7	32.9	0.5	3.7	1.0	0.7	53.0	34.2	2.8	16.0	
CY	1.6	0.2	0.9	0.6		0.2			0.6	0.3	0.0	0.2	
LV	3.9	0.8	1.1	0.9	0.1	0.1	0.0	0.0	2.0	1.3	0.2	0.6	
LT	4.7	1.0	1.6	1.4	0.1	0.1	0.0	0.0	2.2	1.5	0.1	0.6	
LU	4.1	0.5	2.5	2.2	0.0	0.4			1.0	0.5	0.0	0.6	
HU	15.0	3.5	3.7	3.3	0.2	0.2	0.0	0.0	7.8	4.8	0.5	2.5	
MT	0.5	0.0	0.3	0.2		0.1	0.0		0.2	0.1	0.0	0.1	
NL	51.2	13.6	14.6	10.6	0.2	3.5	0.3		23.0	10.8	3.5	8.8	
AT	27.9	9.3	8.9	7.6	0.2	0.7	0.0	0.4	9.8	6.6	0.6	2.6	
PL	63.4	15.1	16.3	15.0	0.3	0.5	0.0	0.4	32.0	20.4	3.6	8.1	
PT	15.8	4.6	6.4	5.2	0.0	1.1	0.1	0.0	4.9	2.6	0.4	1.8	
RO	21.8	6.3	5.3	4.8	0.3	0.2	0.0	0.0	10.2	7.7	0.5	2.0	
SI	4.8	1.2	1.9	1.8	0.0	0.0		0.0	1.7	1.2	0.1	0.5	
SK	10.9	4.3	2.4	2.0	0.0	0.0		0.2	4.2	2.1	0.1	2.0	
FI	24.6	10.8	4.8	3.9	0.1	0.7	0.1	0.0	9.0	5.1	0.8	3.1	
SE	31.6	11.5	8.3	7.1	0.2	0.9	0.1		11.8	7.0	0.4	4.4	
UK	136.4	25.7	50.5	37.0	1.0	11.6	0.8		60.2	40.2	0.9	19.2	
MK	1.8	0.6	0.5	0.5	0.0	0.0			0.7	0.5	0.0	0.2	
TR	82.9	26.7	20.7	18.1	0.2	1.5	0.7	0.2	35.5	20.9	4.4	10.2	
IS													
NO	18.8	5.9	5.3	3.5	0.1	0.9	0.7	0.1	7.6	3.9	0.8	2.8	
CH													

Final Energy Consumption – EU-28 BY SECTOR (Mtoe)



Note: Renewables not including Electricity.

Final Consumption of Motor Gasoline, Diesel and Biofuels for Transport – BY FUEL 2013 (ktoe)

	FINAL CONSUMPTION OF MOTOR GASOLINE AND DIESEL FOR TRANSPORT (*)	Motor Gasoline	Gas / Diesel Oil	BIOFUELS	Biogasoline	Biodiesel	Other liquid biofuels (**)
EU-28	270 965.2	79 337.1	191 628.1	13 014.2	2 716.8	10 292.7	4.6
BE	7 918.3	1 192.5	6 725.8	329.3	48.0	281.3	
BG	1 829.6	442.4	1 387.2	104.3	8.4	95.9	
CZ	5 158.2	1 573.9	3 584.3	277.1	53.5	223.6	
DK	3 626.6	1 335.9	2 290.6	226.6		226.6	
DE	48 773.4	17 590.7	31 182.7	2 658.4	765.1	1 892.7	0.5
EE	724.6	240.7	483.9	3.2	3.2		
IE	3 468.3	1 186.4	2 281.9	72.4	27.8	44.6	
EL	4 877.5	2 834.4	2 043.1	121.3		121.3	
ES	25 285.1	4 666.1	20 619.0	883.4	167.1	716.3	
FR	38 725.5	6 739.1	31 986.5	2 690.2	391.8	2 298.5	
HR	1 789.1	601.7	1 187.4	32.7	1.3	31.5	
IT	29 834.3	8 399.0	21 435.3	1 250.6	74.3	1 176.2	
CY	606.5	369.3	237.2	15.0		15.0	
LV	852.4	210.0	642.4	21.5	6.4	15.1	
LT	1 262.1	209.7	1 052.4	57.7	6.4	51.3	
LU	2 098.7	327.0	1 771.7	55.4	0.6	54.6	0.1
HU	3 218.9	1 192.5	2 026.4	143.2	37.5	105.7	
MT	171.5	73.9	97.6	3.1		3.1	
NL	10 259.5	3 955.7	6 303.8	319.5	125.1	194.4	
AT	7 141.0	1 560.8	5 580.2	489.7	66.9	422.8	
PL	12 590.1	3 659.7	8 930.4	747.5	144.1	603.4	
PT	4 898.6	1 147.6	3 751.0	264.1	4.7	255.4	4.0
RO	4 736.2	1 267.8	3 468.4	178.1	56.1	122.0	
SI	1 750.7	484.9	1 265.7	61.5	5.7	55.8	
SK	1 915.9	562.7	1 353.2	99.1	17.8	81.3	
FI	3 822.4	1 400.9	2 421.6	220.5	65.6	154.8	
SE	6 407.9	2 661.7	3 746.1	630.8	179.9	450.9	
UK	37 222.3	13 450.1	23 772.3	1 058.0	459.3	598.7	
MK	446.3	117.3	329.0	0.9		0.9	
TR	15 127.8	1 922.4	13 205.4	372.0	23.0	349.0	
IS							
NO	4 086.0	973.0	3 113.0	123.1	6.4	114.3	2.5
CH							

Notes: (*) Without bio components.

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

Biofuels Production BY FUEL 2013 (ktoe)

	TOTAL	Biogasoline	Biodiesel	Other liquid biofuels (*)
EU-28	12 841.1	2 580.8	9 868.5	391.7
BE	442.8	155.2	265.1	22.5
BG	47.1	8.0	39.1	
CZ	228.0	67.4	160.6	
DK	99.5		79.9	19.6
DE	3 156.0	405.7	2 667.7	82.6
EE				
IE	21.8		21.8	
EL	137.9		137.9	
ES	877.4	231.2	646.2	
FR	2 433.1	507.1	1 926.0	
HR	29.6		29.6	
IT	549.3	51.0	405.8	92.5
CY	1.6		1.6	
LV	60.4	1.7	58.7	
LT	118.3	14.6	103.7	
LU				
HU	305.4	180.0	125.4	
MT	1.0		1.0	
NL	1 482.1	267.0	1 215.1	
AT	229.2	74.7	154.2	0.3
PL	700.2	121.8	578.2	0.2
PT	274.4		264.6	9.8
RO	147.2	26.5	120.8	
SI	1.5		1.5	
SK	147.6	52.8	94.8	
FI	364.8	14.4	315.8	34.6
SE	456.4	107.9	218.9	129.6
UK	528.5	294.0	234.5	
MK				
TR	43.6	22.9	20.7	
IS				
NO	34.8		28.6	6.2
CH				

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

3.2.1

Total Greenhouse Gas Emissions (GHG) (*) MILLION TONNES CO₂ EQUIVALENT

	1990	2000	2005	2010	2011	2012
EU-28	5 626.3	5 121.7	5 178.2	4 751.1	4 603.2	4 544.2
BE	143.0	145.9	142.1	130.6	120.1	116.5
BG	109.1	59.5	63.7	60.3	66.0	61.0
CZ	196.1	146.3	146.0	137.0	135.3	131.5
DK	68.7	68.5	64.1	61.4	56.5	51.6
DE	1 248.0	1 040.4	994.5	946.4	928.7	939.1
EE	40.6	17.2	18.4	19.9	20.5	19.2
IE	55.2	68.2	69.7	61.9	57.7	58.5
EL	104.9	126.6	135.3	117.9	114.7	111.0
ES	283.7	380.0	431.4	347.2	345.9	340.8
FR	557.4	560.5	558.8	516.4	490.0	490.1
HR	31.9	26.6	30.7	28.9	28.5	26.4
IT	519.1	551.2	574.3	499.4	486.6	460.1
CY	6.1	8.9	9.9	10.0	9.7	9.3
LV	26.2	10.0	11.1	12.0	11.1	11.0
LT	48.7	19.6	23.3	21.1	21.7	21.6
LU	12.9	9.8	13.1	12.2	12.1	11.8
HU	97.6	76.5	78.4	67.6	66.0	62.0
MT	2.0	2.6	3.0	3.0	3.0	3.1
NL	211.8	213.0	209.4	209.3	195.1	191.7
AT	78.1	80.3	92.6	84.8	82.8	80.1
PL	466.4	396.1	398.8	407.5	405.7	399.3
PT	60.8	84.1	87.7	70.6	69.3	68.8
RO	247.7	134.1	141.3	115.8	121.5	118.8
SI	18.4	19.0	20.3	19.4	19.5	18.9
SK	73.2	48.9	50.3	45.4	44.7	42.7
FI	70.3	69.2	68.6	74.4	66.9	61.0
SE	72.7	68.6	66.9	65.1	60.8	57.6
UK	775.5	690.2	674.7	605.6	562.8	580.8
MK						
TR	188.4	298.1	330.7	403.5	424.1	439.9
IS	3.5	3.9	3.9	4.6	4.4	4.5
NO	50.4	54.1	54.5	54.3	53.3	52.7
CH	52.9	51.8	54.2	54.1	50.0	51.4

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

GHGs: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), sulphur hexafluoride (SF₆), hydrofluorocarbons (HFC), perfluorocarbons (PFC).

(*) 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	2010	2011	2012
EU-28	962.6	1 168.6	1 270.0	1 224.5	1 223.2	1 173.3
BE	37.1	45.5	54.8	55.9	53.3	48.6
BG	7.8	6.2	8.6	8.8	8.9	9.1
CZ	8.3	13.0	19.0	18.5	18.3	17.9
DK	15.6	18.8	18.3	17.8	17.5	16.3
DE	184.9	209.8	193.1	188.7	189.6	189.3
EE	3.1	2.1	2.7	3.1	3.0	2.9
IE	6.3	13.1	16.0	14.4	13.7	13.1
EL	25.3	33.2	33.4	33.3	31.2	26.1
ES	76.4	116.7	140.8	131.7	128.4	121.2
FR	137.9	164.0	165.9	157.1	159.2	156.9
HR	4.6	4.8	6.0	6.3	6.2	6.0
IT	111.7	134.8	143.6	135.0	134.5	121.1
CY	2.1	3.2	3.9	3.7	3.8	3.5
LV	4.8	2.3	4.1	4.5	4.0	4.0
LT	8.2	3.8	5.0	5.1	5.1	5.1
LU	3.1	5.8	8.3	7.7	8.1	7.6
HU	9.0	9.8	12.7	12.4	12.1	11.3
MT	0.8	2.1	4.6	4.3	5.2	4.6
NL	65.3	85.4	100.1	88.5	94.1	87.7
AT	15.0	20.7	27.1	24.6	24.0	23.8
PL	22.5	29.4	37.0	49.9	50.3	49.0
PT	13.2	23.1	23.7	23.2	22.2	21.9
RO	13.5	10.2	13.1	14.8	15.0	15.5
SI	2.8	3.9	4.6	5.4	5.9	6.0
SK	5.2	4.3	6.4	6.8	6.5	6.7
FI	15.6	16.0	16.6	15.8	15.8	15.0
SE	22.9	26.6	30.2	29.8	28.6	27.2
UK	139.8	160.1	170.5	157.6	158.8	156.0
MK						
TR	26.3	35.5	41.3	46.3	61.6	72.0
IS	0.9	1.3	1.4	1.5	1.5	1.5
NO	13.2	16.4	17.1	17.9	17.8	18.0
CH	17.8	20.6	19.4	20.7	21.0	21.1

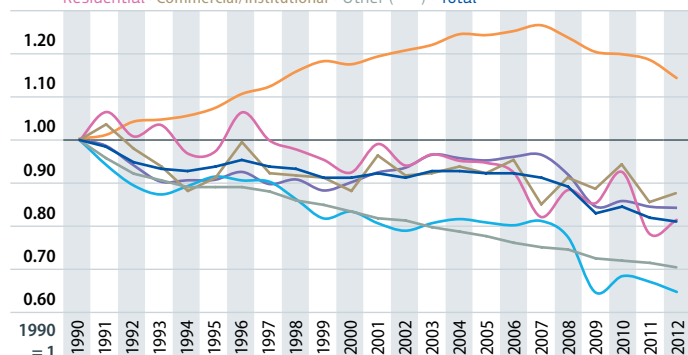
Notes: (*) The activity data used in GHG inventories to report international maritime emissions (emissions from bunker fuels) are not fully consistent with the energy statistics on bunker fuels for some years and countries. For EU-28, changes in international maritime emissions between 2010 and 2011 show inconsistency with changes in energy statistics on bunker fuels and will be reviewed at a later stage.

GHG Emissions (*) by Sector – EU-28

MILLION TONNES CO₂ EQUIVALENT

	TOTAL ENERGY	FUEL COMBUSTION	ENERGY INDUSTRIES				MANUFACTURING AND CONSTRUCTION				Other				
			Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other				
1990	43246	41688	16762	14367	123.3	116.2	860.5	185.4	14.0	132.9	36.0	53.9	438.3		
1995	40584	39240	15185	12894	130.0	99.1	767.2	172.8	13.3	125.3	39.1	61.3	355.4		
1997	40656	39378	15020	12734	135.1	93.5	746.0	166.1	14.2	118.1	38.7	59.6	349.3		
1998	40566	39393	15198	12957	137.2	86.9	716.8	161.3	14.2	111.4	37.2	57.0	335.6		
1999	39945	38806	14768	12619	131.2	83.7	696.8	149.9	14.5	109.1	35.8	57.0	330.5		
2000	40036	38915	15082	12925	133.4	82.3	706.7	152.4	14.9	113.0	37.3	55.9	333.2		
2001	40801	39726	15475	13331	135.2	79.2	683.3	143.8	15.3	108.9	35.0	55.4	324.8		
2002	40503	39444	15655	13491	136.7	79.8	664.6	137.7	14.8	106.0	35.2	54.1	316.7		
2003	41365	40325	16170	14013	136.4	79.4	675.2	139.3	14.2	109.7	35.6	53.6	322.8		
2004	41300	40325	16032	13849	140.9	77.4	673.0	144.2	13.9	109.0	34.3	51.8	319.7		
2005	41027	40071	15946	13731	143.1	78.4	663.5	140.2	13.0	109.0	34.7	50.7	315.9		
2006	41066	40139	16088	13872	141.2	80.4	657.8	143.8	12.4	107.4	34.3	46.3	313.6		
2007	40445	39561	16168	13965	142.1	78.2	659.5	150.1	12.3	103.1	33.7	45.9	314.4		
2008	39611	38748	15380	13207	142.2	75.0	633.2	140.9	11.4	103.2	31.4	44.0	302.2		
2009	36780	35964	14142	12181	133.9	62.1	528.4	101.2	10.2	91.1	28.8	40.8	256.2		
2010	37835	37023	14356	12329	133.3	69.4	567.5	123.6	11.1	95.1	30.3	42.7	264.8		
2011	36420	35613	14135	12151	132.3	66.1	552.8	122.7	10.3	92.5	28.5	39.7	259.2		
2012	36038	35233	14089	12252	127.3	56.4	533.1	117.8	9.8	90.1	27.7	39.3	248.4		

Energy Industries - Industry (***) - Transport (**)
Residential - Commercial/Institutional - Other (****) - Total

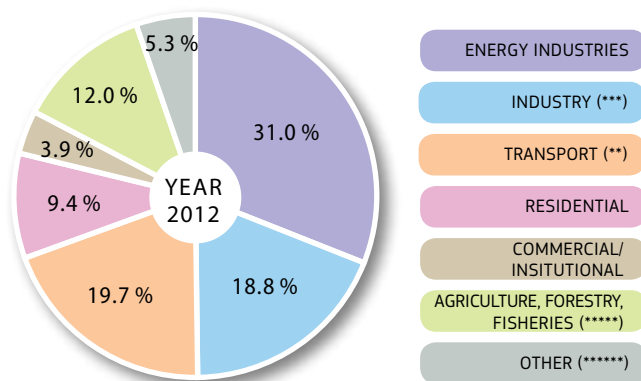


- Notes:** (*) Excluding LULUCF (Land Use, Land-Use Change and Forestry) emissions and International Bunkers;
(**) Excluding International Bunkers (international traffic departing from the EU);
(***) Emissions from Manufacturing and Construction and Industrial Processes;
(****) Emissions from Fuel Combustion in Agriculture/Forestry/Fisheries;
Other (not specified elsewhere), Fugitive Emissions from Fuels, Solvent and Other Product Use, Agriculture, Waste, Other.

GHG Emissions (*) by Sector – EU-28

MILLION TONNES CO₂ EQUIVALENT

	TRANSPORT (**)	OTHER SECTORS			AGRICULTURE / Forestry / Fisheries	OTHER (NOT SPECIFIED ELSEWHERE)	FUGITIVE EMISSIONS FROM FUELS	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
		Commercial / Institutional	Residential											
1990	782.6	820.7	201.0	523.2	96.5	28.8	155.8	462.0	16.9	617.2	205.6		5626.3	1990
1995	838.3	783.7	182.9	508.5	92.3	16.3	134.4	440.8	14.1	533.2	206.8		5253.2	1995
1997	877.2	798.5	184.9	522.0	91.6	14.1	127.7	446.2	14.1	534.3	201.2		5261.2	1997
1998	904.9	783.5	184.0	510.8	88.7	14.3	117.3	420.4	14.1	531.6	198.5		5221.2	1998
1999	923.7	770.2	183.0	498.3	88.9	13.2	113.9	382.6	13.8	528.5	192.1		5111.3	1999
2000	918.0	746.0	176.7	482.8	86.6	12.5	112.1	393.9	13.5	521.0	189.6		5121.7	2000
2001	932.3	798.2	193.8	517.6	86.8	11.4	107.5	381.1	13.1	512.2	185.7		5172.2	2001
2002	943.1	760.1	183.4	491.5	85.2	11.1	105.9	377.1	12.8	506.6	185.1		5131.9	2002
2003	953.5	775.3	184.5	505.0	85.8	11.5	104.0	389.8	12.4	499.4	178.7		5216.9	2003
2004	972.8	771.3	188.2	497.2	85.9	12.2	97.6	404.3	12.3	500.1	170.8		5217.5	2004
2005	971.2	765.3	184.6	494.6	86.1	12.5	95.6	403.3	12.3	493.4	166.5		5178.2	2005
2006	978.6	757.1	191.1	482.7	83.3	11.6	92.7	400.6	12.4	489.7	164.2		5173.4	2006
2007	989.3	678.5	169.9	428.8	79.8	12.0	88.4	412.3	11.9	490.2	159.8		5118.7	2007
2008	966.8	725.5	182.5	461.6	81.4	11.3	86.2	388.2	11.4	489.5	156.3		5006.5	2008
2009	940.9	702.7	178.0	445.4	79.3	10.3	81.5	324.1	10.5	477.8	152.1		4642.4	2009
2010	936.3	753.1	188.6	483.3	81.1	9.9	81.2	334.7	10.6	474.9	147.3		4751.1	2010
2011	926.2	659.0	171.0	408.2	79.7	9.8	80.7	332.1	10.3	475.2	143.7		4603.2	2011
2012	893.1	679.3	176.1	425.2	78.0	9.0	80.5	320.6	9.9	469.1	140.8		4544.2	2012



- Notes:** (*) Excluding LULUCF (Land Use, Land-Use Change and Forestry) emissions and International Bunkers;
(**) Excluding International Bunkers (international traffic departing from the EU);
(***) Emissions from Manufacturing and Construction and Industrial Processes;
(****) Emissions from Fuel Combustion and other Emissions from Agriculture;
(*****) Emissions from Fuel Combustion in Other (not specified elsewhere), Fugitive Emissions from Fuels, Solvent and Other Product Use, Waste, Other.

GHG Emissions (*) by Sector – EU-28

SHARES %

	TOTAL ENERGY	FUEL COMBUSTION	ENERGY INDUSTRIES				MANUFACTURING AND CONSTRUCTION							Other
			Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other			
1990	76.9	96.4	40.2	85.7	7.4	6.9	20.6	21.5	1.6	15.4	4.2	6.3	50.9	
1991	77.6	96.6	39.9	86.2	7.2	6.6	19.7	22.0	1.9	15.0	4.7	6.8	49.7	
1992	77.6	96.6	39.5	86.2	7.4	6.3	19.2	21.5	1.8	14.5	4.8	7.2	50.2	
1993	77.8	96.5	38.6	85.5	8.0	6.5	19.2	21.9	1.6	14.7	4.8	7.5	49.4	
1994	77.3	96.7	39.0	85.1	8.2	6.7	19.4	22.8	1.7	15.2	5.2	7.8	47.3	
1995	77.3	96.7	38.7	84.9	8.6	6.5	19.6	22.5	1.7	16.3	5.1	8.0	46.3	
1996	77.7	96.8	38.4	85.3	8.7	6.0	18.7	21.3	1.8	16.2	5.1	8.3	47.3	
1997	77.3	96.9	38.1	84.8	9.0	6.2	18.9	22.3	1.9	15.8	5.2	8.0	46.8	
1998	77.7	97.1	38.6	85.3	9.0	5.7	18.2	22.5	2.0	15.5	5.2	8.0	46.8	
1999	78.1	97.1	38.1	85.5	8.9	5.7	18.0	21.5	2.1	15.7	5.1	8.2	47.4	
2000	78.2	97.2	38.8	85.7	8.8	5.5	18.2	21.6	2.1	16.0	5.3	7.9	47.1	
2001	78.9	97.4	39.0	86.1	8.7	5.1	17.2	21.1	2.2	15.9	5.1	8.1	47.5	
2002	78.9	97.4	39.7	86.2	8.7	5.1	16.8	20.7	2.2	16.0	5.3	8.1	47.7	
2003	79.3	97.5	40.1	86.7	8.4	4.9	16.7	20.6	2.1	16.2	5.3	7.9	47.8	
2004	79.2	97.6	39.8	86.4	8.8	4.8	16.7	21.4	2.1	16.2	5.1	7.7	47.5	
2005	79.2	97.7	39.8	86.1	9.0	4.9	16.6	21.1	2.0	16.4	5.2	7.6	47.6	
2006	79.4	97.7	40.1	86.2	8.8	5.0	16.4	21.9	1.9	16.3	5.2	7.0	47.7	
2007	79.0	97.8	40.9	86.4	8.8	4.8	16.7	22.8	1.9	15.6	5.1	7.0	47.7	
2008	79.1	97.8	39.7	85.9	9.2	4.9	16.3	22.3	1.8	16.3	5.0	7.0	47.7	
2009	79.2	97.8	39.3	86.1	9.5	4.4	14.7	19.2	1.9	17.2	5.4	7.7	48.5	
2010	79.6	97.9	38.8	85.9	9.3	4.8	15.3	21.8	2.0	16.8	5.3	7.5	46.7	
2011	79.1	97.8	39.7	86.0	9.4	4.7	15.5	22.2	1.9	16.7	5.2	7.2	46.9	
2012	79.3	97.8	40.0	87.0	9.0	4.0	15.1	22.1	1.8	16.9	5.2	7.4	46.6	

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

Indirect emissions from electricity use are not included in the GHG emissions from fuel combustion by Manufacturing and Construction, Transport and other sectors (Commercial/Institutional, Residential and Agriculture/Forestry/Fisheries).

GHG Emissions (*) by Sector – EU-28

SHARES %

	TRANSPORT (**)	OTHER SECTORS	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	OTHER (NOT SPECIFIED ELSEWHERE)	FUGITIVE EMISSIONS FROM FUELS	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
1990	18.8	19.7	24.5	63.7	11.8	0.7	3.6	8.2	0.3	11.0	3.7		100	1990
1991	19.1	20.8	24.2	64.7	11.1	0.6	3.4	7.7	0.3	10.6	3.8		100	1991
1992	20.4	20.4	24.1	64.8	11.1	0.5	3.4	7.7	0.3	10.5	3.9		100	1992
1993	20.8	21.0	22.9	65.7	11.4	0.4	3.5	7.7	0.3	10.3	3.9		100	1993
1994	21.2	20.0	22.8	65.2	11.9	0.4	3.3	8.2	0.3	10.3	4.0		100	1994
1995	21.4	20.0	23.3	64.9	11.8	0.4	3.3	8.4	0.3	10.2	3.9		100	1995
1996	21.4	21.1	23.5	65.4	11.1	0.4	3.2	8.2	0.3	10.0	3.8		100	1996
1997	22.3	20.3	23.2	65.4	11.5	0.4	3.1	8.5	0.3	10.2	3.8		100	1997
1998	23.0	19.9	23.5	65.2	11.3	0.4	2.9	8.1	0.3	10.2	3.8		100	1998
1999	23.8	19.8	23.8	64.7	11.5	0.3	2.9	7.5	0.3	10.3	3.8		100	1999
2000	23.6	19.2	23.7	64.7	11.6	0.3	2.8	7.7	0.3	10.2	3.7		100	2000
2001	23.5	20.1	24.3	64.8	10.9	0.3	2.6	7.4	0.3	9.9	3.6		100	2001
2002	23.9	19.3	24.1	64.7	11.2	0.3	2.6	7.3	0.2	9.9	3.6		100	2002
2003	23.6	19.2	23.8	65.1	11.1	0.3	2.5	7.5	0.2	9.6	3.4		100	2003
2004	24.1	19.1	24.4	64.5	11.1	0.3	2.4	7.7	0.2	9.6	3.3		100	2004
2005	24.2	19.1	24.1	64.6	11.3	0.3	2.3	7.8	0.2	9.5	3.2		100	2005
2006	24.4	18.9	25.2	63.8	11.0	0.3	2.3	7.7	0.2	9.5	3.2		100	2006
2007	25.0	17.2	25.0	63.2	11.8	0.3	2.2	8.1	0.2	9.6	3.1		100	2007
2008	25.0	18.7	25.2	63.6	11.2	0.3	2.2	7.8	0.2	9.8	3.1		100	2008
2009	26.2	19.5	25.3	63.4	11.3	0.3	2.2	7.0	0.2	10.3	3.3		100	2009
2010	25.3	20.3	25.0	64.2	10.8	0.3	2.1	7.0	0.2	10.0	3.1		100	2010
2011	26.0	18.5	25.9	62.0	12.1	0.3	2.2	7.2	0.2	10.3	3.1		100	2011
2012	25.3	19.3	25.9	62.6	11.5	0.3	2.2	7.1	0.2	10.3	3.1		100	2012

Notes: (*) Excluding LULUCF (Land Use, Land-Use Change and Forestry) emissions and International Bunkers;

(**) Excluding International Bunkers (international traffic departing from the EU). Indirect emissions from electricity use are not included in the GHG emissions from fuel combustion by Manufacturing and Construction, Transport and other sectors (Commercial/Institutional, Residential and Agriculture/Forestry/Fisheries).

GHG Emissions (*) by Sector – 2012

MILLION TONNES CO₂ EQUIVALENT

	TOTAL ENERGY	FUEL COMBUSTION	ENERGY INDUSTRIES			MANUFACTURING AND CONSTRUCTION			Other				
			Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other		
EU-28	3603.8	3523.3	1408.9	1225.2	127.3	56.4	533.1	117.8	9.8	90.1	27.7	39.3	248.4
BE	94.4	93.9	22.9	18.0	4.7	0.2	21.0	4.5	0.4	6.8	0.5	2.1	6.6
BG	47.2	45.6	31.6	30.6	1.0	0.0	3.3	0.1	0.1	1.0	0.1	0.3	1.7
CZ	107.1	103.0	57.4	52.6	1.0	3.8	16.6	3.1	0.1	6.4	0.7	0.9	5.4
DK	39.0	38.7	16.8	14.3	1.0	1.4	4.3	0.1	0.0	0.3	0.1	1.2	2.6
DE	786.0	775.4	364.8	334.0	18.6	12.2	115.1	33.2	0.1		0.0	0.2	81.5
EE	16.9	16.8	13.1	12.7		0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.7
IE	37.1	37.0	12.8	12.4	0.3	0.1	4.3	0.0	1.5	0.3	0.0	0.8	1.7
EL	87.2	85.7	54.7	51.1	3.6	0.0	5.5	0.2	0.5	0.8	0.1	0.5	3.4
ES	265.5	261.2	91.9	77.5	12.5	2.0	46.4	6.2	2.1	8.1	5.2	3.1	21.8
FR	351.4	346.8	52.7	41.0	8.7	3.0	63.5	13.4	1.0	19.0	2.7	8.9	18.6
HR	18.9	17.2	5.6	3.8	1.6	0.2	2.8	0.1	0.0	0.3	0.1	0.4	1.9
IT	379.9	372.6	126.3	91.1	26.0	9.3	54.9	15.6	1.1	6.9	4.3	3.6	23.4
CY	6.6	6.6	3.6	3.6			0.4	0.0		0.0		0.1	0.3
LV	7.2	7.2	1.9	1.8		0.1	1.0	0.1	0.0	0.0	0.0	0.1	0.7
LT	11.9	11.6	4.4	3.0	1.4	0.0	1.3			0.2	0.1	0.3	0.7
LU	10.5	10.5	1.0	1.0			1.3	0.3	0.1	0.2	0.0	0.0	0.7
HU	45.5	43.3	16.5	14.9	1.4	0.2	4.0	1.1	0.2	0.5	0.2	0.5	1.5
MT	2.8	2.8	2.1	2.1			0.1						0.1
NL	161.9	160.1	60.3	48.4	9.8	2.1	25.9	4.3	0.2	12.4	1.1	3.4	4.5
AT	59.7	59.2	12.4	9.1	2.8	0.5	15.6	5.9	0.2	1.8	2.0	1.0	4.7
PL	319.7	303.6	169.6	161.1	6.0	2.5	30.9	6.0	1.1	7.5	1.5	4.2	10.5
PT	47.9	46.5	17.4	15.3	2.2		7.5	0.1		0.9	1.0	0.9	4.5
RO	82.2	74.3	32.5	29.1	2.0	1.4	15.4	3.0		3.6	0.1	1.0	7.7
SI	15.5	15.1	6.0	6.0		0.0	1.6	0.2	0.1	0.1	0.3	0.1	0.8
SK	29.3	28.2	9.5	6.1	2.1	1.3	7.2	3.3	0.2	1.3	0.3	0.3	1.8
FI	47.8	47.6	20.7	17.9	2.6	0.3	8.4	2.3	0.1	0.7	3.1	0.2	2.1
SE	42.1	41.2	10.3	7.7	2.2	0.4	8.5	1.2	0.1	1.2	1.2	0.5	4.4
UK	482.5	471.5	190.2	159.2	15.9	15.1	65.5	13.5	0.7	10.0	2.9	4.6	34.0
MK													
TR	308.6	306.3	119.6	117.1	2.5		56.3	6.0	1.4	3.8	0.7	1.4	43.0
IS	1.7	1.5	0.0	0.0			0.2	0.0	0.0			0.1	0.1
NO	39.2	35.9	14.1	1.5	0.8	11.7	3.1	0.1	0.2	1.2	0.2	0.3	1.1
CH	41.5	41.3	4.1	3.3	0.7	0.0	5.5	0.3	0.1	0.8	0.2	0.9	3.3

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

GHG Emissions (*) by Sector – 2012

MILLION TONNES CO₂ EQUIVALENT

	TRANSPORT (**)	OTHER SECTORS	Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries	OTHER (NOT SPECIFIED ELSEWHERE)	FUGITIVE EMISSIONS FROM FUELS	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
EU-28	893.1	679.3	176.1	425.2	78.0	9.0	80.5	320.6	9.9	469.1	140.8		4544.2	EU-28
BE	24.9	25.1	5.9	17.0	2.2	0.0	0.5	11.2	0.2	9.3	1.5		116.5	BE
BG	8.4	2.2	0.3	1.4	0.5		1.6	3.9	0.0	6.3	3.6		61.0	BG
CZ	16.9	11.0	3.3	7.5	0.2	1.1	4.1	12.1	0.5	8.1	3.8		131.5	CZ
DK	12.2	5.3	0.8	2.3	2.1	0.1	0.3	1.8	0.2	9.6	1.1		51.6	DK
DE	155.5	139.1	38.2	94.5	6.4	1.0	10.6	68.3	1.8	69.5	13.6		939.1	DE
EE	2.3	0.6	0.0	0.3	0.3	0.0	0.1	0.7	0.0	1.3	0.3		19.2	EE
IE	10.9	9.1	2.1	6.2	0.8		0.0	2.4	0.1	18.0	1.0		58.5	IE
EL	16.1	9.4	1.3	7.1	1.0		1.5	9.6	0.3	9.1	4.7		111.0	EL
ES	80.7	42.2	13.5	17.6	11.0		4.4	23.4	1.3	37.7	12.9		340.8	ES
FR	132.5	98.0	29.1	57.5	11.4		4.6	35.7	1.1	89.3	12.6		490.1	FR
HR	5.7	3.1	0.5	1.8	0.7		1.7	2.9	0.2	3.4	1.1		26.4	HR
IT	106.1	85.0	28.2	49.3	7.5	0.4	7.2	28.2	1.5	34.3	16.2		460.1	IT
CY	2.1	0.5	0.0	0.4	0.1	0.0		0.8	0.1	0.8	1.0		9.3	CY
LV	2.8	1.5	0.5	0.7	0.4	0.0	0.1	0.7	0.0	2.4	0.6		11.0	LV
LT	4.5	1.4	0.3	0.9	0.1	0.0	0.3	3.6	0.1	5.1	1.0		21.6	LT
LU	6.5	1.6	0.6	0.9	0.1		0.0	0.6	0.0	0.7	0.1		11.8	LU
HU	10.8	11.9	3.4	7.6	0.9		2.2	4.3	0.4	8.7	3.2		62.0	HU
MT	0.6	0.1	0.1	0.0	0.0			0.2	0.0	0.1	0.1		3.1	MT
NL	34.0	39.6	11.2	18.3	10.1	0.3	1.8	9.9	0.2	15.9	3.7		191.7	NL
AT	21.6	9.5	1.4	7.2	0.9	0.0	0.5	10.9	0.3	7.5	1.7		80.1	AT
PL	46.8	56.3	9.2	36.1	11.0		16.0	27.0	0.8	36.7	15.2		399.3	PL
PT	17.0	4.5	1.1	2.3	1.1	0.0	1.4	5.2	0.2	7.2	8.2		68.8	PT
RO	15.1	10.8	2.0	7.6	1.2	0.6	7.9	12.4	0.1	18.2	5.8		118.8	RO
SI	5.8	1.7	0.4	1.1	0.2	0.0	0.3	1.0	0.1	1.9	0.5		18.9	SI
SK	6.6	3.9	0.7	3.1	0.1	1.0	1.1	8.0	0.2	3.1	2.2		42.7	SK
FI	12.7	4.3	1.0	1.7	1.5	1.6	0.2	5.3	0.1	5.7	2.1		61.0	FI
SE	19.1	3.2	0.5	1.1	1.6	0.2	1.0	5.9	0.3	7.6	1.6		57.6	SE
UK	114.8	98.4	20.1	73.6	4.7	2.5	11.0	24.9		51.8	21.6		580.8	UK
MK														MK
TR	61.6	68.8		65.5	3.3	0.0	2.3	62.8		32.3	36.2		439.9	TR
IS	0.9	0.5	0.0	0.0	0.5		0.2	1.9	0.0	0.7	0.2		4.5	IS
NO	15.2	3.2	0.7	0.5	2.1	0.3	3.3	7.7	0.2	4.5	1.2		52.7	NO
CH	16.3	15.2	4.5	10.1	0.6	0.1	0.2	3.6	0.2	5.5	0.6	0.0	51.4	CH

Notes: (*) Excluding LULUCF (Land Use, Land-Use Change and Forestry) emissions and International Bunkers;

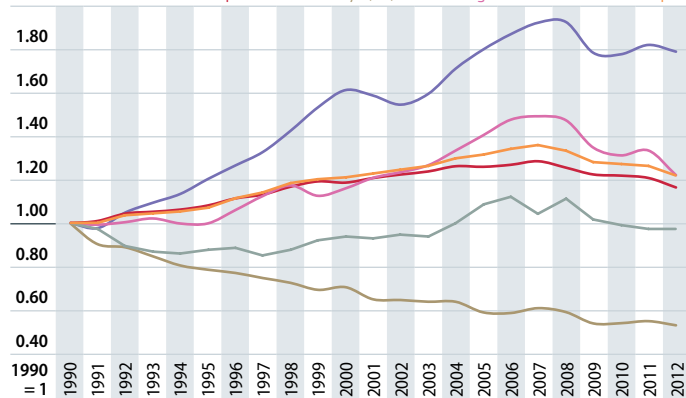
(**) Excluding International Bunkers (international traffic departing from the EU).

GHG Emissions from Transport – EU-28 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	84.1	14.2	69.9	722.4	13.5	133.1	22.9	110.2	9.6	962.6	5806.3
1995	101.3	14.6	86.7	782.7	10.6	133.1	21.9	111.2	8.4	1036.2	5451.1
1997	111.8	17.0	94.8	819.4	10.1	150.0	22.5	127.5	8.2	1099.5	5483.5
1998	120.0	17.6	102.4	845.6	9.8	156.5	23.4	133.1	8.4	1140.3	5456.7
1999	129.1	19.1	110.1	863.6	9.4	150.1	22.8	127.3	8.8	1161.0	5348.7
2000	135.8	19.5	116.3	859.5	9.5	154.7	20.4	134.3	9.1	1168.6	5372.3
2001	133.7	18.9	114.7	874.9	8.8	161.2	20.7	140.5	8.9	1187.5	5427.4
2002	130.2	18.2	112.0	886.7	8.7	164.7	20.4	144.3	9.1	1199.4	5388.2
2003	134.3	17.8	116.5	897.0	8.6	168.9	21.0	147.9	9.0	1217.9	5481.3
2004	144.2	18.7	125.5	914.6	8.6	178.0	21.3	156.7	9.6	1255.0	5499.7
2005	151.6	19.1	132.4	912.7	8.0	187.4	21.0	166.4	10.4	1270.0	5477.0
2006	157.5	19.3	138.2	919.4	7.9	197.0	21.2	175.8	10.8	1292.6	5487.4
2007	162.0	19.5	142.5	931.3	8.2	199.1	20.2	178.9	10.1	1310.6	5440.0
2008	162.2	19.0	143.3	909.9	8.0	196.7	19.3	177.4	10.7	1287.5	5327.2
2009	150.3	17.6	132.6	886.9	7.3	179.8	19.3	160.5	9.8	1234.0	4935.6
2010	149.7	17.3	132.4	883.0	7.3	175.0	19.2	155.8	9.5	1224.5	5039.3
2011	153.3	16.9	136.4	875.1	7.4	178.0	17.4	160.6	9.4	1223.2	4900.3
2012	150.7	16.1	134.6	843.2	7.1	162.8	17.2	145.6	9.4	1173.3	4824.4

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



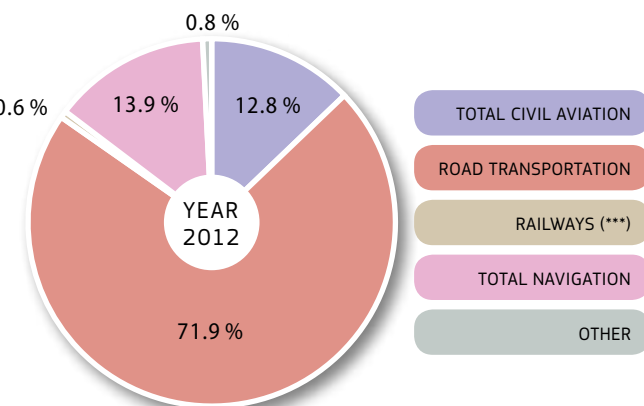
Notes: (*) Excluding International Bunkers (international traffic departing from the EU);
 (**) Including International Bunkers but excluding LULUCF;
 (***) Excluding indirect emissions from electricity consumption;
 (****) Combustion emissions from all remaining transport activities including pipeline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

Source: European Environment Agency (EEA), June 2014

GHG Emissions from Transport – EU-28 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	8.7	16.9	83.1	75.0	1.4	13.8	17.2	82.8	1.0	16.6	100
1995	9.8	14.4	85.6	75.5	1.0	12.8	16.5	83.5	0.8	19.0	100
1997	10.2	15.2	84.8	74.5	0.9	13.6	15.0	85.0	0.7	20.1	100
1998	10.5	14.7	85.3	74.2	0.9	13.7	15.0	85.0	0.7	20.9	100
1999	11.1	14.8	85.2	74.4	0.8	12.9	15.2	84.8	0.8	21.7	100
2000	11.6	14.4	85.6	73.6	0.8	13.2	13.2	86.8	0.8	21.8	100
2001	11.3	14.2	85.8	73.7	0.7	13.6	12.8	87.2	0.8	21.9	100
2002	10.9	14.0	86.0	73.9	0.7	13.7	12.4	87.6	0.8	22.3	100
2003	11.0	13.3	86.7	73.7	0.7	13.9	12.5	87.5	0.7	22.2	100
2004	11.5	12.9	87.1	72.9	0.7	14.2	12.0	88.0	0.8	22.8	100
2005	11.9	12.6	87.4	71.9	0.6	14.8	11.2	88.8	0.8	23.2	100
2006	12.2	12.2	87.8	71.1	0.6	15.2	10.8	89.2	0.8	23.6	100
2007	12.4	12.0	88.0	71.1	0.6	15.2	10.2	89.8	0.8	24.1	100
2008	12.6	11.7	88.3	70.7	0.6	15.3	9.8	90.2	0.8	24.2	100
2009	12.2	11.7	88.3	71.9	0.6	14.6	10.7	89.3	0.8	25.0	100
2010	12.2	11.6	88.4	72.1	0.6	14.3	11.0	89.0	0.8	24.3	100
2011	12.5	11.0	89.0	71.5	0.6	14.6	9.8	90.2	0.8	25.0	100
2012	12.8	10.7	89.3	71.9	0.6	13.9	10.6	89.4	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.

Source: European Environment Agency (EEA), June 2014

GHG Emissions from Transport – 2012

BY MODE (MILLION TONNES CO₂ EQUIVALENT)

INCLUDING INTERNATIONAL BUNKERS

EU-28	TOTAL CIVIL AVIATION			ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION			OTHER TRANSPORTATION	TOTAL TRANSPORT	TOTAL EMISSIONS (**)
	Civil Aviation (domestic) (*)	International Bunkers – Aviation	Navigation (domestic) (*)			International Bunkers – Maritime Transport					
EU-28	150.7	16.1	134.6	843.2	7.1	162.8	17.2	145.6	9.4	1173.3	4824.4
BE	4.1	0.0	4.1	24.2	0.1	20.1	0.5	19.6	0.2	48.6	140.2
BG	0.5	0.0	0.5	7.8	0.1	0.2	0.0	0.2	0.5	9.1	61.8
CZ	1.0	0.0	1.0	16.5	0.3	0.0	0.0	0.0	0.1	17.9	132.4
DK	2.7	0.1	2.5	11.4	0.3	2.1	0.5	1.5		16.3	55.7
DE	27.5	1.9	25.6	147.4	1.1	9.2	1.0	8.2	4.2	189.3	972.9
EE	0.1	0.0	0.1	2.2	0.1	0.6	0.0	0.5		2.9	19.8
IE	1.8	0.0	1.8	10.4	0.1	0.6	0.2	0.4	0.1	13.1	60.7
EL	3.0	0.5	2.5	13.8	0.1	9.2	1.7	7.4	0.0	26.1	121.0
ES	16.8	3.2	13.6	74.3	0.3	29.6	2.7	26.9	0.3	121.2	381.3
FR	21.4	5.1	16.3	125.1	0.5	9.3	1.3	8.0	0.5	156.9	514.5
HR	0.4	0.1	0.3	5.4	0.1	0.1	0.1			6.0	26.7
IT	11.6	2.2	9.4	98.2	0.0	10.6	4.9	5.7	0.7	121.1	475.2
CY	0.8	0.0	0.8	2.0		0.6		0.6		3.5	10.7
LV	0.4	0.0	0.4	2.5	0.3	0.8	0.0	0.8	0.0	4.0	12.1
LT	0.2	0.0	0.2	4.1	0.2	0.4	0.0	0.4	0.2	5.1	22.2
LU	1.1	0.0	1.1	6.5	0.0	0.0	0.0	0.0		7.6	13.0
HU	0.5	0.0	0.5	10.7	0.1	0.0	0.0			11.3	62.5
MT	0.3	0.0	0.3	0.5		3.8	0.0	3.7	0.0	4.6	7.2
NL	10.2	0.0	10.2	33.2	0.1	44.3	0.7	43.6		87.7	245.4
AT	2.2	0.1	2.1	21.0	0.1	0.1	0.0	0.1	0.4	23.8	82.2
PL	1.7	0.1	1.7	45.8	0.4	0.5	0.0	0.5	0.6	49.0	401.4
PT	3.1	0.4	2.7	16.4	0.0	2.3	0.2	2.1		21.9	73.6
RO	0.5	0.1	0.4	14.2	0.6	0.2	0.1	0.0	0.0	15.5	119.2
SI	0.1	0.0	0.1	5.7	0.0	0.2		0.2	0.0	6.0	19.2
SK	0.1	0.0	0.1	6.5	0.1	0.0	0.0	0.0	0.0	6.7	42.8
FI	2.1	0.2	1.9	11.2	0.1	0.9	0.5	0.4	0.6	15.0	63.2
SE	2.7	0.5	2.2	17.9	0.1	6.2	0.3	5.9	0.3	27.2	65.7
UK	33.9	1.5	32.3	108.4	2.1	11.2	2.3	8.8	0.5	156.0	622.0
MK											
TR	11.6	3.8	7.8	55.7	0.4	4.2	1.6	2.6		72.0	450.3
IS	0.5	0.0	0.4	0.8		0.2	0.0	0.2		1.5	5.1
NO	2.5	1.2	1.2	10.1	0.0	3.6	2.0	1.6	1.8	18.0	55.5
CH	4.8	0.1	4.7	16.0	0.0	0.2	0.1	0.0	0.0	21.1	56.2

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

GHG Emissions from Transport – 2012

BY MODE (SHARE %)

INCLUDING INTERNATIONAL BUNKERS

EU-28	TOTAL CIVIL AVIATION			ROAD TRANSPORTATION	RAILWAYS	TOTAL NAVIGATION			OTHER TRANSPORTATION	TOTAL TRANSPORT (**)	TOTAL EMISSIONS (***)
	Civil Aviation (domestic) (*)	International Bunkers – Aviation	Navigation (domestic) (*)			International Bunkers – Maritime Transport					
EU-28	12.8	10.7	89.3	71.9	0.6	13.9	10.6	89.4	0.8	24.3	100
BE	8.4	0.7	99.3	49.7	0.2	41.3	2.4	97.6	0.4	34.7	100
BG	5.8	6.5	93.5	85.7	0.8	2.5	3.7	96.3	5.1	14.8	100
CZ	5.4	0.8	99.2	92.5	1.6	0.1	100.0		0.4	13.5	100
DK	16.4	5.0	95.0	69.5	1.5	12.6	24.7	75.3		29.3	100
DE	14.5	6.9	93.1	77.9	0.6	4.9	10.6	89.4	2.2	19.5	100
EE	4.0	2.9	97.1	73.9	3.1	18.9	2.3	97.7		14.8	100
IE	13.6	0.6	99.4	79.8	1.0	4.5	31.4	68.6	1.1	21.5	100
EL	11.6	16.3	83.7	52.7	0.3	35.2	19.0	81.0	0.0	21.6	100
ES	13.9	18.9	81.1	61.3	0.2	24.4	9.0	91.0	0.2	31.8	100
FR	13.7	23.8	76.2	79.7	0.3	5.9	13.7	86.3	0.3	30.5	100
HR	6.0	26.5	73.5	90.8	1.3	1.9	100.0			22.4	100
IT	9.6	18.9	81.1	81.0	0.0	8.8	46.4	53.6	0.6	25.5	100
CY	24.1	3.5	96.5	58.3		17.6		100.0		32.7	100
LV	9.3	0.6	99.4	63.0	7.0	20.6	1.8	98.2	0.0	32.6	100
LT	3.8	0.9	99.1	80.0	3.5	7.8	3.7	96.3	4.8	23.0	100
LU	14.7	0.0	100.0	85.1	0.1	0.0	91.3	8.7		58.9	100
HU	4.4	0.3	99.7	94.3	1.1	0.2	100.0			18.2	100
MT	6.9	0.4	99.6	10.8		81.8	0.9	99.1	0.4	64.0	100
NL	11.6	0.2	99.8	37.8	0.1	50.5	1.6	98.4		35.7	100
AT	9.0	2.6	97.4	88.4	0.6	0.3	19.2	80.8	1.7	28.9	100
PL	3.5	3.3	96.7	93.5	0.7	1.0	2.6	97.4	1.2	12.2	100
PT	14.3	11.9	88.1	74.9	0.2	10.7	9.7	90.3		29.7	100
RO	3.4	23.2	76.8	91.6	3.7	1.1	75.3	24.7	0.2	13.0	100
SI	1.1	2.6	97.4	95.1	0.7	3.0		100.0	0.0	31.4	100
SK	1.4	5.5	94.5	97.2	1.2	0.2	10.7	89.3	0.0	15.6	100
FI	14.2	9.7	90.3	75.2	0.7	5.7	57.6	42.4	4.3	23.6	100
SE	10.0	19.3	80.7	65.9	0.2	22.7	5.0	95.0	1.1	41.4	100
UK	21.7	4.6	95.4	69.5	1.3	7.2	20.8	79.2	0.3	25.1	100
MK											
TR	16.1	32.4	67.6	77.4	0.6	5.9	38.3	61.7		16.0	100
IS	31.5	4.5	95.5	55.2		13.3	7.0	93.0		29.1	100
NO	13.8	49.9	50.1	56.2	0.3	19.8	56.0	44.0	9.9	32.4	100
CH	23.0	2.9	97.1	75.9	0.2	0.7	81.5	18.5	0.2	37.5	100

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

Total CO₂ Emissions (*)

MILLION TONNES

	1990	2000	2005	2010	2011	2012
EU-28	4 437.0	4 136.0	4 262.3	3 907.8	3 767.4	3 717.1
BE	119.0	125.2	124.3	113.4	104.3	100.7
BG	80.2	45.5	50.3	47.7	53.2	48.4
CZ	164.7	126.1	126.2	117.1	115.1	111.3
DK	52.9	54.0	51.2	48.9	44.0	39.4
DE	1 042.1	891.5	861.7	829.4	810.4	821.7
EE	36.7	15.1	16.4	17.8	18.4	17.1
IE	32.4	44.7	47.6	41.3	37.7	38.0
EL	83.0	102.6	112.9	96.8	94.3	90.5
ES	227.5	308.0	365.5	280.4	280.9	276.6
FR	396.3	411.6	421.6	386.0	359.5	363.3
HR	23.3	20.1	23.5	21.3	20.9	19.2
IT	434.7	462.3	488.1	425.0	413.4	386.7
CY	4.6	7.0	7.9	7.8	7.6	7.1
LV	19.1	7.0	7.7	8.5	7.8	7.4
LT	35.8	11.8	14.0	13.7	14.0	14.2
LU	12.0	8.8	12.1	11.3	11.1	10.9
HU	72.5	58.1	59.9	51.7	49.9	46.1
MT	1.9	2.3	2.7	2.6	2.7	2.8
NL	159.2	169.9	175.9	181.4	168.1	165.3
AT	62.0	66.0	79.4	72.4	70.4	67.7
PL	374.8	318.7	318.4	329.6	327.7	320.9
PT	45.0	65.7	69.2	52.5	51.2	50.3
RO	178.1	92.9	99.3	79.9	85.6	83.9
SI	14.8	15.2	16.7	16.1	16.2	15.7
SK	61.8	41.0	41.9	37.4	37.2	35.2
FI	56.6	56.8	56.5	63.5	56.4	50.7
SE	57.1	54.1	53.2	52.3	48.5	45.7
UK	588.8	553.7	558.1	502.0	461.1	480.5
MK						
TR	141.6	225.6	259.8	326.8	345.7	357.5
IS	2.2	2.8	2.9	3.4	3.3	3.3
NO	34.8	41.8	43.2	45.5	44.6	44.1
CH	44.6	44.0	46.3	45.9	41.8	43.3

Notes: Emissions data are downloaded from the European Environment Agency (EEA), which is the main provider of 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

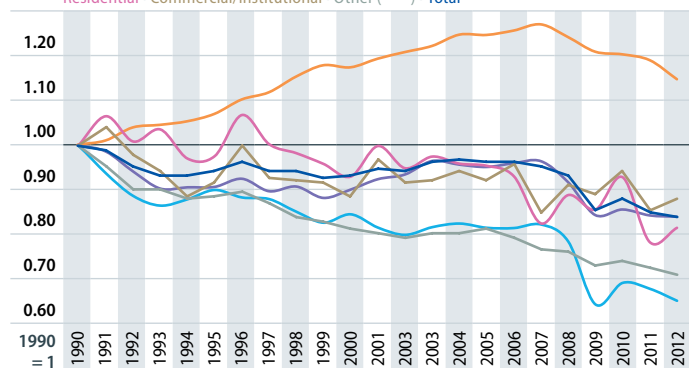
INCLUDING INTERNATIONAL BUNKERS (*)						
	1990	2000	2005	2010	2011	2012
EU-28	947.7	1 151.4	1 255.4	1 211.2	1 209.9	1 160.2
BE	36.7	45.1	54.5	55.6	53.0	48.3
BG	7.5	5.9	8.5	8.7	8.8	9.0
CZ	8.1	12.5	18.2	17.7	17.5	17.1
DK	15.4	18.6	18.1	17.6	17.3	16.1
DE	182.3	207.5	191.5	186.9	187.8	187.3
EE	3.1	2.0	2.6	3.0	2.9	2.9
IE	6.1	12.9	15.7	14.2	13.6	12.9
EL	24.6	32.2	32.6	32.7	30.6	25.6
ES	75.3	114.7	139.4	130.4	127.1	119.9
FR	135.9	161.8	163.7	155.2	157.3	155.0
HR	4.5	4.7	5.9	6.2	6.2	5.9
IT	109.8	132.3	141.9	133.5	133.0	119.8
CY	2.1	3.2	3.9	3.7	3.7	3.5
LV	4.6	2.2	4.0	4.4	3.9	3.9
LT	8.1	3.7	4.9	5.1	5.1	5.1
LU	3.1	5.7	8.2	7.6	8.0	7.5
HU	8.8	9.5	12.5	12.3	11.9	11.2
MT	0.8	2.1	4.6	4.2	5.1	4.5
NL	64.9	84.8	99.6	88.0	93.6	87.2
AT	14.7	20.4	26.7	24.3	23.7	23.5
PL	22.2	29.0	36.5	49.2	49.5	48.3
PT	13.0	22.8	23.4	22.9	22.0	21.6
RO	12.8	10.0	12.9	14.6	14.8	15.3
SI	2.7	3.7	4.5	5.3	5.8	5.9
SK	5.0	4.2	6.3	6.7	6.4	6.6
FI	15.3	15.7	16.4	15.5	15.6	14.7
SE	22.5	26.3	29.8	29.5	28.3	26.8
UK	137.7	157.9	168.7	156.2	157.4	154.6
MK						
TR	26.0	35.0	40.5	45.6	61.2	71.6
IS	0.9	1.3	1.3	1.4	1.4	1.4
NO	13.0	16.2	16.8	17.5	17.4	17.6
CH	17.5	20.3	19.2	20.5	20.8	20.9

Note: (*) The activity data used in GHG inventories to report international maritime emissions (emissions from bunker fuels) are not fully consistent with the energy statistics on bunker fuels for some years and countries. For EU-28, changes in international maritime emissions between 2010 and 2011 show inconsistency with changes in energy statistics on bunker fuels and will be reviewed at a later stage.

CO₂ Emissions (*) by Sector – EU-28
MILLION TONNES

	TOTAL ENERGY	FUEL COMBUSTION	ENERGY INDUSTRIES			Other Energy Industries	MANUFACTURING AND CONSTRUCTION		Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other
1990	41361	41102	1665.4	1428.1	1225	1148	851.7	184.2	13.9	132.1	35.4	53.5	432.6	
1995	38945	38671	1508.3	1281.3	129.1	97.9	759.0	171.7	13.2	124.5	38.4	60.9	350.4	
1997	39070	38793	1491.9	1265.3	134.2	92.3	737.8	165.1	14.0	117.3	38.0	59.2	344.2	
1998	39067	38815	1509.5	1287.5	136.3	85.7	708.8	160.3	14.1	110.7	36.5	56.6	330.6	
1999	38492	38244	1466.8	1254.0	130.2	82.6	688.8	148.9	14.4	108.4	35.1	56.6	325.5	
2000	38638	38384	1498.1	1284.3	132.5	81.2	698.6	151.4	14.8	112.2	36.5	55.4	328.2	
2001	39444	39196	1537.0	1324.6	134.3	78.1	675.2	142.9	15.2	108.1	34.2	55.0	319.8	
2002	39181	38928	1554.7	1340.3	135.7	78.7	656.6	136.8	14.7	105.3	34.4	53.7	311.7	
2003	40058	39798	1605.5	1391.7	135.4	78.4	667.0	138.4	14.1	108.9	34.8	53.1	317.7	
2004	40045	39796	1591.6	1375.2	140.0	76.4	664.7	143.2	13.8	108.2	33.6	51.4	314.6	
2005	39812	39553	1582.9	1363.3	142.2	77.4	655.1	139.3	12.9	108.1	34.0	50.2	310.6	
2006	39884	39620	1596.8	1377.1	140.3	79.4	649.6	142.9	12.4	106.5	33.5	45.9	308.5	
2007	39305	39043	1604.7	1386.2	141.2	77.3	651.2	149.1	12.2	102.3	32.9	45.5	309.2	
2008	38478	38228	1526.0	1310.5	141.4	74.2	625.2	139.9	11.3	102.4	30.7	43.6	297.2	
2009	35701	35464	1402.5	1208.2	133.0	61.3	521.6	100.6	10.2	90.5	28.1	40.4	251.8	
2010	36738	36499	1423.4	1222.4	132.5	68.5	560.3	122.8	11.0	94.4	29.5	42.3	260.3	
2011	35343	35106	1401.2	1204.5	131.4	65.3	545.8	121.9	10.2	91.7	27.8	39.3	254.9	
2012	34952	34720	1396.2	1214.1	126.5	55.6	526.1	117.0	9.7	89.4	26.9	38.8	244.2	

Energy Industries - Industry (***) - Transport (**)
Residential - Commercial/Institutional - Other (****) - Total

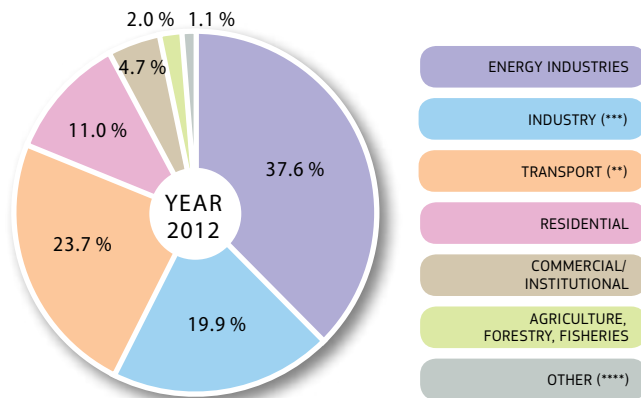


Notes: (*) Excluding LULUCF (Land Use, Land-Use Change and Forestry) emissions and International Bunkers;
(**) Excluding International Bunkers (international traffic departing from the EU);
(***) Emissions from Manufacturing and Construction and Industrial Processes;
(****) Emissions from Fuel Combustion in Agriculture/Forestry/Fisheries, Other (Not specified elsewhere), Fugitive Emissions from Fuels, Solvent and Other Product Use, Waste, Other.

Source: European Environment Agency (EEA), June 2014

CO₂ Emissions (*) by Sector – EU-28
MILLION TONNES

TRANSPORT (**)	OTHER SECTORS			Agriculture / Forestry / Fisheries	OTHER (NOT SPECIFIED ELSEWHERE)	FUGITIVE EMISSIONS FROM FUELS	INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS
769.3	795.9	198.5	504.4	93.1	27.8	25.9	284.2	118		49		4437.0
822.4	761.6	181.3	491.7	88.6	15.7	27.4	261.7	90		42		4169.4
859.7	776.4	183.3	505.2	87.8	13.5	27.7	259.7	90		36		4179.3
886.9	762.6	182.6	495.0	85.1	13.7	25.2	256.5	91		36		4175.9
906.5	749.6	181.5	482.8	85.3	12.6	24.7	248.4	89		3.3		4109.8
903.0	726.7	175.2	468.4	83.1	12.0	25.4	260.1	88		3.3		4136.0
917.9	778.6	192.3	503.1	83.3	10.9	24.8	249.6	85		3.2		4205.8
929.4	741.5	182.0	477.9	81.6	10.6	25.3	249.7	85		3.5		4179.7
940.0	756.3	182.9	491.1	82.2	11.0	26.0	259.0	83		3.5		4276.6
959.5	752.1	186.6	483.1	82.4	11.7	24.9	270.4	84		3.4		4286.7
959.0	746.2	183.0	480.7	82.5	12.0	25.9	269.2	84		3.6		4262.3
966.6	737.9	189.5	468.8	79.6	11.1	26.4	274.0	83		3.5		4274.4
977.3	659.6	168.3	415.3	76.0	11.5	26.2	281.6	80		3.4		4223.5
955.2	705.6	180.8	447.5	77.3	10.8	24.9	264.1	76		3.4		4122.9
930.0	682.5	176.3	431.1	75.2	9.9	23.7	207.4	69		3.2		3787.6
925.4	731.4	186.9	467.7	76.8	9.4	23.9	223.6	7.1		3.3		3907.8
915.4	638.8	169.3	394.1	75.5	9.4	23.7	223.0	7.0		3.1		3767.4
882.4	658.7	174.3	410.4	74.1	8.6	23.2	212.2	6.8		2.9		3717.1



Notes: (*) Excluding LULUCF (Land Use, Land-Use Change and Forestry) emissions and International Bunkers;
(**) Excluding International Bunkers (international traffic departing from the EU);
(***) Emissions from Manufacturing and Construction and Industrial Processes;
(****) Emissions from Other (Not specified elsewhere); Fugitive Emissions from Fuels, Solvent and Other Product Use, Waste, Other.

CO₂ Emissions (*) by Sector – EU-28
SHARES %

	TOTAL ENERGY	FUEL COMBUSTION	ENERGY INDUSTRIES				MANUFACTURING AND CONSTRUCTION							Other
			Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other			
1990	93.2	99.4	40.5	85.8	7.4	6.9	20.7	21.6	1.6	15.5	4.2	6.3	50.8	
1991	93.8	99.4	40.2	86.3	7.1	6.6	19.8	22.1	1.9	15.0	4.7	6.8	49.5	
1992	93.8	99.4	39.8	86.3	7.4	6.3	19.3	21.6	1.8	14.5	4.8	7.2	50.1	
1993	93.9	99.3	38.9	85.5	8.0	6.5	19.2	22.0	1.6	14.8	4.8	7.5	49.3	
1994	93.5	99.3	39.3	85.1	8.2	6.6	19.4	22.9	1.8	15.3	5.1	7.8	47.1	
1995	93.4	99.3	39.0	85.0	8.6	6.5	19.6	22.6	1.7	16.4	5.1	8.0	46.2	
1996	93.7	99.3	38.7	85.3	8.7	6.0	18.8	21.4	1.8	16.3	5.1	8.3	47.1	
1997	93.5	99.3	38.5	84.8	9.0	6.2	19.0	22.4	1.9	15.9	5.2	8.0	46.7	
1998	93.6	99.4	38.9	85.3	9.0	5.7	18.3	22.6	2.0	15.6	5.1	8.0	46.6	
1999	93.7	99.4	38.4	85.5	8.9	5.6	18.0	21.6	2.1	15.7	5.1	8.2	47.3	
2000	93.4	99.3	39.0	85.7	8.8	5.4	18.2	21.7	2.1	16.1	5.2	7.9	47.0	
2001	93.8	99.4	39.2	86.2	8.7	5.1	17.2	21.2	2.2	16.0	5.1	8.1	47.4	
2002	93.7	99.4	39.9	86.2	8.7	5.1	16.9	20.8	2.2	16.0	5.2	8.2	47.5	
2003	93.7	99.4	40.3	86.7	8.4	4.9	16.8	20.7	2.1	16.3	5.2	8.0	47.6	
2004	93.4	99.4	40.0	86.4	8.8	4.8	16.7	21.5	2.1	16.3	5.1	7.7	47.3	
2005	93.4	99.3	40.0	86.1	9.0	4.9	16.6	21.3	2.0	16.5	5.2	7.7	47.4	
2006	93.3	99.3	40.3	86.2	8.8	5.0	16.4	22.0	1.9	16.4	5.2	7.1	47.5	
2007	93.1	99.3	41.1	86.4	8.8	4.8	16.7	22.9	1.9	15.7	5.1	7.0	47.5	
2008	93.3	99.4	39.9	85.9	9.3	4.9	16.4	22.4	1.8	16.4	4.9	7.0	47.5	
2009	94.3	99.3	39.5	86.1	9.5	4.4	14.7	19.3	1.9	17.3	5.4	7.7	48.3	
2010	94.0	99.3	39.0	85.9	9.3	4.8	15.4	21.9	2.0	16.8	5.3	7.5	46.5	
2011	93.8	99.3	39.9	86.0	9.4	4.7	15.5	22.3	1.9	16.8	5.1	7.2	46.7	
2012	94.0	99.3	40.2	87.0	9.1	4.0	15.2	22.2	1.8	17.0	5.1	7.4	46.4	

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

Indirect emissions from electricity use are not included in the CO₂ emissions from fuel combustion by Manufacturing and Construction, Transport and other sectors (Commercial/Institutional, Residential and Agriculture/Forestry/Fisheries).

CO₂ Emissions (*) by Sector – EU-28
SHARES %

	TRANSPORT (**)	OTHER SECTORS			OTHER (NOT SPECIFIED ELSEWHERE)	FUGITIVE EMISSIONS FROM FUELS	INDUSTRIAL PROCESSES			SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER	TOTAL EMISSIONS	
		Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries											
1990	18.7	19.4	24.9	63.4	11.7	0.7	0.6	6.4	0.3		0.1		100	1990	
1991	19.0	20.4	24.7	64.3	11.0	0.6	0.6	5.9	0.3		0.1		100	1991	
1992	20.3	20.1	24.6	64.4	11.0	0.5	0.6	5.8	0.3		0.1		100	1992	
1993	20.8	20.7	23.4	65.4	11.3	0.4	0.7	5.7	0.2		0.1		100	1993	
1994	21.1	19.7	23.3	64.9	11.8	0.4	0.7	6.1	0.2		0.1		100	1994	
1995	21.3	19.7	23.8	64.6	11.6	0.4	0.7	6.3	0.2		0.1		100	1995	
1996	21.3	20.8	24.0	65.1	11.0	0.4	0.7	5.9	0.2		0.1		100	1996	
1997	22.2	20.0	23.6	65.1	11.3	0.3	0.7	6.2	0.2		0.1		100	1997	
1998	22.8	19.6	23.9	64.9	11.2	0.4	0.6	6.1	0.2		0.1		100	1998	
1999	23.7	19.6	24.2	64.4	11.4	0.3	0.6	6.0	0.2		0.1		100	1999	
2000	23.5	18.9	24.1	64.5	11.4	0.3	0.7	6.3	0.2		0.1		100	2000	
2001	23.4	19.9	24.7	64.6	10.7	0.3	0.6	5.9	0.2		0.1		100	2001	
2002	23.9	19.0	24.5	64.5	11.0	0.3	0.6	6.0	0.2		0.1		100	2002	
2003	23.6	19.0	24.2	64.9	10.9	0.3	0.6	6.1	0.2		0.1		100	2003	
2004	24.1	18.9	24.8	64.2	11.0	0.3	0.6	6.3	0.2		0.1		100	2004	
2005	24.2	18.9	24.5	64.4	11.1	0.3	0.7	6.3	0.2		0.1		100	2005	
2006	24.4	18.6	25.7	63.5	10.8	0.3	0.7	6.4	0.2		0.1		100	2006	
2007	25.0	16.9	25.5	63.0	11.5	0.3	0.7	6.7	0.2		0.1		100	2007	
2008	25.0	18.5	25.6	63.4	11.0	0.3	0.6	6.4	0.2		0.1		100	2008	
2009	26.2	19.2	25.8	63.2	11.0	0.3	0.7	5.5	0.2		0.1		100	2009	
2010	25.4	20.0	25.5	63.9	10.5	0.3	0.7	5.7	0.2		0.1		100	2010	
2011	26.1	18.2	26.5	61.7	11.8	0.3	0.7	5.9	0.2		0.1		100	2011	
2012	25.4	19.0	26.5	62.3	11.2	0.2	0.7	5.7	0.2		0.1		100	2012	

Notes: (*) Excluding LULUCF (Land Use, Land-Use Change and Forestry) emissions and International Bunkers;

(**) Excluding International Bunkers (international traffic departing from the EU). Indirect emissions from electricity use are not included in the CO₂ emissions from fuel combustion by Manufacturing and Construction, Transport and other sectors (Commercial/Institutional, Residential and Agriculture/Forestry/Fisheries).

CO₂ Emissions (*) by Sector – 2012
MILLION TONNES

	TOTAL ENERGY	FUEL COMBUSTION	ENERGY INDUSTRIES			MANUFACTURING AND CONSTRUCTION			Other				
			Public Electricity and Heat Production	Petroleum Refining	Other Energy Industries	Iron and Steel	Non-Ferrous Metals	Chemicals	Pulp, Paper and Print	Food, Beverages and Tobacco	Other		
EU-28	3495.2	3472.0	1396.2	1214.1	126.5	55.6	526.1	117.0	9.7	89.4	26.9	38.8	244.2
BE	92.9	92.8	22.7	17.9	4.6	0.2	20.7	4.4	0.4	6.8	0.5	2.1	6.4
BG	45.0	45.0	31.4	30.4	1.0	0.0	3.3	0.1	0.1	1.0	0.1	0.3	1.7
CZ	101.6	101.3	57.1	52.3	1.0	3.8	16.5	3.1	0.1	6.4	0.7	0.9	5.4
DK	38.2	38.0	16.5	14.1	1.0	1.4	4.2	0.1	0.0	0.2	0.1	1.2	2.6
DE	768.0	766.6	360.1	329.6	18.5	12.0	114.1	33.1	0.1	0.0	0.2	0.2	80.8
EE	16.6	16.6	13.0	12.6	0.4	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.7
IE	36.5	36.5	12.6	12.2	0.3	0.1	4.3	0.0	1.5	0.3	0.0	0.8	1.6
EL	85.0	85.0	54.5	50.9	3.6	0.0	5.5	0.2	0.5	0.7	0.1	0.5	3.4
ES	260.5	257.2	91.1	76.9	12.4	1.9	45.5	6.1	2.1	7.9	5.0	3.0	21.4
FR	344.3	340.9	52.1	40.4	8.6	3.0	62.6	13.3	0.9	18.7	2.6	8.8	18.3
HR	17.5	16.9	5.6	3.8	1.6	0.2	2.8	0.1	0.0	0.3	0.1	0.4	1.9
IT	368.5	366.3	125.6	90.7	25.7	9.2	53.7	15.4	1.1	6.9	4.3	3.5	22.5
CY	6.5	6.5	3.5	3.5			0.4	0.0				0.1	0.3
LV	6.8	6.8	1.9	1.8		0.1	0.9	0.1	0.0	0.0	0.0	0.1	0.6
LT	11.3	11.3	4.4	2.9	1.4	0.0	1.3			0.2	0.1	0.3	0.7
LU	10.3	10.3	1.0	1.0			1.3	0.3	0.1	0.2	0.0	0.0	0.6
HU	42.9	42.7	16.5	14.8	1.4	0.2	4.0	1.1	0.2	0.5	0.2	0.5	1.5
MT	2.8	2.8	2.1	2.1			0.1						0.1
NL	159.0	158.0	59.9	48.1	9.8	2.1	25.8	4.3	0.2	12.3	1.1	3.4	4.5
AT	58.5	58.3	12.3	9.0	2.8	0.5	15.4	5.9	0.2	1.8	2.0	1.0	4.6
PL	302.1	298.4	168.6	160.1	6.0	2.5	30.6	6.0	1.1	7.5	1.5	4.2	10.4
PT	46.7	45.7	17.3	15.1	2.1		7.4	0.1		0.9	1.0	0.9	4.5
RO	73.4	72.8	32.4	29.0	2.0	1.4	15.3	3.0		3.6	0.1	1.0	7.6
SI	14.9	14.8	6.0	6.0		0.0	1.6	0.2	0.1	0.1	0.3	0.1	0.8
SK	28.0	28.0	9.4	6.1	2.1	1.3	7.2	3.3	0.2	1.3	0.3	0.3	1.8
FI	46.5	46.4	20.4	17.6	2.6	0.3	8.2	2.3	0.1	0.6	3.0	0.2	2.1
SE	40.6	39.7	9.7	7.2	2.2	0.4	8.2	1.2	0.1	1.2	1.0	0.5	4.2
UK	470.1	466.4	188.3	157.9	15.7	14.7	64.5	13.4	0.6	9.9	2.9	4.5	33.1
MK													
TR	301.8	301.7	119.2	116.8	2.5		56.0	6.0	1.4	3.8	0.7	1.3	42.8
IS	1.7	1.5	0.0	0.0			0.2	0.0	0.0			0.1	0.1
NO	37.8	35.0	13.9	1.5	0.8	11.6	3.1	0.1	0.2	1.2	0.2	0.3	1.1
CH	41.0	41.0	4.0	3.3	0.7		5.5	0.3	0.1	0.8	0.2	0.9	3.3

Note: (*) Excluding International Bunkers and LULUCF (Land Use, Land-Use Change and Forestry) emissions.

CO₂ Emissions (*) by Sector – 2012
MILLION TONNES

	TRANSPORT (**)	OTHER SECTORS				OTHER (NOT SPECIFIED ELSEWHERE)		FUGITIVE EMISSIONS FROM FUELS	INDUSTRIAL PROCESSES SOLVENT AND OTHER PRODUCT USE				WASTE		OTHER	TOTAL EMISSIONS
		Commercial / Institutional	Residential	Agriculture / Forestry / Fisheries				INDUSTRIAL PROCESSES	SOLVENT AND OTHER PRODUCT USE	AGRICULTURE	WASTE	OTHER				
EU-28	882.4	658.7	174.3	410.4	74.1	8.6	23.2	212.2	6.8		2.9			3717.1	EU-28	
BE	24.7	24.7	5.9	16.7	2.1	0.0	0.1	7.2			0.5			100.7	BE	
BG	8.3	1.9	0.3	1.1	0.5		0.0	3.3	0.0		0.0			48.4	BG	
CZ	16.2	10.4	3.3	6.9	0.2	1.1	0.3	9.3	0.2		0.2			111.3	CZ	
DK	12.1	5.0	0.8	2.1	2.1	0.1	0.2	1.0	0.1		0.0			39.4	DK	
DE	153.9	137.5	38.0	93.3	6.2	1.0	1.5	52.2	1.4					821.7	DE	
EE	2.3	0.5	0.0	0.2	0.3	0.0		0.5	0.0		0.0			17.1	EE	
IE	10.8	8.8	2.1	6.0	0.7			1.4	0.1		0.0			38.0	IE	
EL	15.8	9.2	1.3	6.9	0.9		0.0	5.3	0.2		0.0			90.5	EL	
ES	79.8	40.8	13.2	16.7	10.9		3.3	15.4	0.8		0.0			276.6	ES	
FR	130.9	95.4	28.7	55.4	11.3		3.4	16.7	1.0		1.2			363.3	FR	
HR	5.6	2.9	0.5	1.7	0.7		0.5	1.7	0.1		0.0			19.2	HR	
IT	104.8	81.8	27.7	47.3	6.8	0.3	2.2	17.0	1.0		0.2			386.7	IT	
CY	2.1	0.5	0.0	0.4	0.1	0.0		0.6	0.0					7.1	CY	
LV	2.7	1.3	0.4	0.5	0.4	0.0	0.0	0.6	0.0		0.0			7.4	LV	
LT	4.5	1.2	0.3	0.8	0.1	0.0	0.0	2.8	0.1		0.0			14.2	LT	
LU	6.4	1.6	0.6	0.9	0.1		0.0	0.5	0.0					10.9	LU	
HU	10.7	11.5	3.3	7.3	0.9		0.2	3.1	0.1		0.1			46.1	HU	
MT	0.5	0.1	0.1	0.0	0.0			0.0			0.0			2.8	MT	
NL	33.7	38.2	11.1	17.9	9.2	0.3	1.1	6.1	0.1					165.3	NL	
AT	21.4	9.1	1.4	6.9	0.8	0.0	0.2	9.0	0.2		0.0			67.7	AT	
PL	46.1	53.0	9.1	33.5	10.4		3.7	17.8	0.6		0.3			320.9	PL	
PT	16.8	4.1	1.1	2.0	1.0	0.0	1.0	3.4	0.2		0.0			50.3	PT	
RO	14.9	9.7	2.0	6.5	1.2	0.6	0.6	10.3	0.1		0.0			83.9	RO	
SI	5.7	1.6	0.4	0.9	0.2	0.0	0.1	0.8			0.0			15.7	SI	
SK	6.5	3.9	0.7	3.1	0.1	1.0	0.0	7.2	0.1		0.0			35.2	SK	
FI	12.5	4.0	1.0	1.4	1.5	1.4	0.1	4.2	0.0					50.7	FI	
SE	18.9	2.8	0.5	0.8	1.5	0.2	0.9	4.8	0.2		0.1			45.7	SE	
UK	113.8	97.2	20.1	73.0	4.2	2.5	3.8	10.1			0.3			480.5	UK	
MK																
TR	61.2	65.2		61.9	3.3		0.1	55.7						357.5	TR	
IS	0.8	0.5	0.0	0.0	0.5		0.2	1.7	0.0		0.0			3.3	IS	
NO	14.8	3.0	0.7	0.3	2.0	0.3	2.8	6.2	0.1					44.1	NO	
CH	16.2	15.1	4.5	10.1	0.6	0.1	0.0	2.1	0.2		0.0	0.0		43.3	CH	

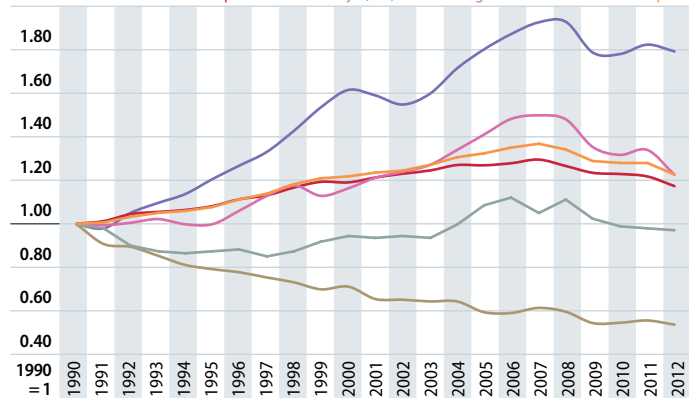
Notes: (*) Excluding International Bunkers and LULUCF (Land Use, Land-Use Change and Forestry) emissions; (**) Excluding International Bunkers (international traffic departing from the EU).

CO₂ Emissions from Transport – EU-28 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 TRANSPORT (****)	TOTAL TRANSPORT	TOTAL EMISSIONS (**)
1990	83.3	14.0	69.2	710.2	13.1	131.7	22.6	109.2	9.5	947.7	4 615.4
1995	100.3	14.4	85.9	767.8	10.3	131.4	21.6	109.9	8.3	1 018.2	4 365.2
1997	110.8	16.8	93.9	802.9	9.8	148.6	22.1	126.4	8.0	1 080.1	4 399.7
1998	118.9	17.4	101.4	828.6	9.6	155.0	23.0	131.9	8.3	1 120.2	4 409.2
1999	127.9	18.9	109.1	847.4	9.1	148.6	22.5	126.2	8.7	1 141.8	4 345.0
2000	134.5	19.3	115.2	845.5	9.3	153.2	20.0	133.2	8.9	1 151.4	4 384.3
2001	132.4	18.7	113.7	861.5	8.5	159.6	20.3	139.3	8.8	1 170.9	4 458.8
2002	128.9	18.0	111.0	873.9	8.5	163.2	20.0	143.2	8.9	1 183.5	4 433.9
2003	133.0	17.6	115.4	884.4	8.4	167.4	20.7	146.7	8.9	1 202.2	4 538.8
2004	142.8	18.5	124.3	902.3	8.4	176.5	20.9	155.5	9.4	1 239.4	4 566.6
2005	150.1	18.9	131.2	901.4	7.7	185.9	20.7	165.2	10.2	1 255.4	4 558.7
2006	156.0	19.1	136.9	908.4	7.7	195.4	20.8	174.5	10.6	1 278.0	4 585.8
2007	160.4	19.3	141.1	920.2	8.0	197.5	19.9	177.6	9.9	1 296.0	4 542.2
2008	160.6	18.8	141.9	899.2	7.8	195.1	18.9	176.1	10.5	1 273.3	4 440.9
2009	148.8	17.4	131.4	876.8	7.1	178.2	19.0	159.2	9.6	1 220.6	4 078.3
2010	148.3	17.1	131.2	873.0	7.1	173.5	18.9	154.6	9.4	1 211.2	4 193.6
2011	151.9	16.8	135.1	865.0	7.3	176.5	17.1	159.4	9.2	1 209.9	4 062.0
2012	149.3	16.0	133.3	833.3	7.0	161.5	17.0	144.5	9.2	1 160.2	3 995.0

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



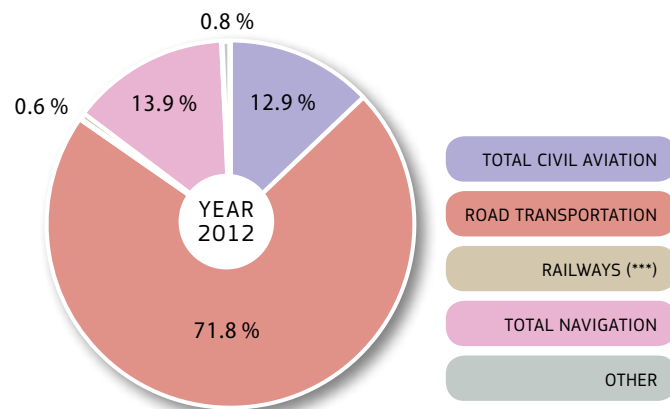
Notes: (*) Excluding International Bunkers (international traffic departing from the EU);
 (**) Including International Bunkers but excluding LULUCF;
 (***) Excluding indirect emissions from electricity consumption;
 (****) Combustion emissions from all remaining transport activities including pipeline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

Source: European Environment Agency (EEA), June 2014

CO₂ Emissions from Transport – EU-28 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	16.9	83.1	74.9	1.4	13.9	17.1	82.9	1.0	20.5	100
1995	9.9	14.4	85.6	75.4	1.0	12.9	16.4	83.6	0.8	23.3	100
1997	10.3	15.2	84.8	74.3	0.9	13.8	14.9	85.1	0.7	24.5	100
1998	10.6	14.7	85.3	74.0	0.9	13.8	14.9	85.1	0.7	25.4	100
1999	11.2	14.7	85.3	74.2	0.8	13.0	15.1	84.9	0.8	26.3	100
2000	11.7	14.4	85.6	73.4	0.8	13.3	13.1	86.9	0.8	26.3	100
2001	11.3	14.1	85.9	73.6	0.7	13.6	12.7	87.3	0.8	26.3	100
2002	10.9	13.9	86.1	73.8	0.7	13.8	12.3	87.7	0.8	26.7	100
2003	11.1	13.2	86.8	73.6	0.7	13.9	12.4	87.6	0.7	26.5	100
2004	11.5	12.9	87.1	72.8	0.7	14.2	11.9	88.1	0.8	27.1	100
2005	12.0	12.6	87.4	71.8	0.6	14.8	11.1	88.9	0.8	27.5	100
2006	12.2	12.2	87.8	71.1	0.6	15.3	10.7	89.3	0.8	27.9	100
2007	12.4	12.0	88.0	71.0	0.6	15.2	10.1	89.9	0.8	28.5	100
2008	12.6	11.7	88.3	70.6	0.6	15.3	9.7	90.3	0.8	28.7	100
2009	12.2	11.7	88.3	71.8	0.6	14.6	10.6	89.4	0.8	29.9	100
2010	12.2	11.6	88.4	72.1	0.6	14.3	10.9	89.1	0.8	28.9	100
2011	12.6	11.0	89.0	71.5	0.6	14.6	9.7	90.3	0.8	29.8	100
2012	12.9	10.7	89.3	71.8	0.6	13.9	10.5	89.5	0.8	29.0	100



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

Source: European Environment Agency (EEA), June 2014

CO₂ Emissions from Transport – 2012
BY MODE (MILLION TONNES)

INCLUDING INTERNATIONAL BUNKERS

EU-28	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-28	149.3	16.0	133.3	833.3	7.0	161.5	17.0	144.5	9.2	1160.2	3 995.0
BE	4.1	0.0	4.0	23.9	0.1	20.1	0.5	19.6	0.2	48.3	124.3
BG	0.5	0.0	0.5	7.7	0.1	0.2	0.0	0.2	0.5	9.0	49.1
CZ	0.9	0.0	0.9	15.9	0.3	0.0	0.0	0.0	0.1	17.1	112.2
DK	2.6	0.1	2.5	11.2	0.2	2.0	0.5	1.5		16.1	43.4
DE	27.2	1.9	25.3	145.8	1.0	9.1	1.0	8.2	4.1	187.3	855.2
EE	0.1	0.0	0.1	2.1	0.1	0.6	0.0	0.5		2.9	17.7
IE	1.8	0.0	1.7	10.3	0.1	0.6	0.2	0.4	0.1	12.9	40.2
EL	3.0	0.5	2.5	13.6	0.1	8.9	1.7	7.3	0.0	25.6	100.3
ES	16.6	3.1	13.5	73.4	0.3	29.3	2.6	26.6	0.3	119.9	316.8
FR	21.2	5.0	16.2	123.5	0.5	9.2	1.2	8.0	0.5	155.0	387.4
HR	0.4	0.1	0.3	5.4	0.1	0.1	0.1			5.9	19.5
IT	11.5	2.2	9.3	97.0	0.0	10.5	4.9	5.6	0.7	119.8	401.6
CY	0.8	0.0	0.8	2.0		0.6		0.6		3.5	8.5
LV	0.4	0.0	0.4	2.5	0.2	0.8	0.0	0.8		3.9	8.6
LT	0.2	0.0	0.2	4.0	0.2	0.4	0.0	0.4	0.2	5.1	14.8
LU	1.1	0.0	1.1	6.4	0.0	0.0	0.0	0.0		7.5	12.0
HU	0.5	0.0	0.5	10.6	0.1	0.0	0.0			11.2	46.6
MT	0.3	0.0	0.3	0.5		3.7	0.0	3.7	0.0	4.5	6.8
NL	10.1	0.0	10.1	32.9	0.1	44.1	0.7	43.4		87.2	218.8
AT	2.1	0.1	2.1	20.8	0.1	0.1	0.0	0.0	0.4	23.5	69.9
PL	1.7	0.1	1.7	45.1	0.4	0.5	0.0	0.5	0.6	48.3	323.0
PT	3.1	0.4	2.7	16.2	0.0	2.3	0.2	2.1		21.6	55.1
RO	0.5	0.1	0.4	14.0	0.6	0.2	0.1	0.0	0.0	15.3	84.3
SI	0.1	0.0	0.1	5.7	0.0	0.2		0.2	0.0	5.9	15.9
SK	0.1	0.0	0.1	6.4	0.1	0.0	0.0	0.0	0.0	6.6	35.3
FI	2.1	0.2	1.9	11.1	0.1	0.8	0.5	0.4	0.6	14.7	53.0
SE	2.7	0.5	2.2	17.7	0.1	6.1	0.3	5.8	0.3	26.8	53.6
UK	33.5	1.5	32.0	107.4	2.1	11.1	2.3	8.8	0.4	154.6	521.2
MK											
TR	11.5	3.7	7.8	55.5	0.4	4.2	1.6	2.6		71.6	367.9
IS	0.5	0.0	0.4	0.8		0.2	0.0	0.2		1.4	3.9
NO	2.5	1.2	1.2	10.0	0.0	3.4	1.9	1.6	1.6	17.6	46.9
CH	4.8	0.1	4.7	15.9	0.0	0.1	0.1	0.0	0.0	20.9	47.9

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

CO₂ Emissions from Transport – 2012
BY MODE (SHARE %)

INCLUDING INTERNATIONAL BUNKERS

EU-28	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-28	12.9	10.7	89.3	71.8	0.6	13.9	10.5	89.5	0.8	29.0	100
BE	8.4	0.7	99.3	49.5	0.2	41.5	2.3	97.7	0.4	38.9	100
BG	5.8	6.5	93.5	85.9	0.8	2.3	4.1	95.9	5.2	18.4	100
CZ	5.4	0.8	99.2	92.5	1.6	0.1	100.0		0.4	15.3	100
DK	16.4	5.0	95.0	69.6	1.5	12.5	24.8	75.2		37.1	100
DE	14.5	6.9	93.1	77.8	0.6	4.9	10.6	89.4	2.2	21.9	100
EE	4.0	2.9	97.1	73.8	3.2	19.0	2.3	97.7		16.4	100
IE	13.6	0.6	99.4	79.9	0.9	4.5	31.4	68.6	1.1	32.2	100
EL	11.7	16.3	83.7	53.0	0.3	34.9	18.6	81.4	0.0	25.6	100
ES	13.9	18.9	81.1	61.2	0.2	24.4	9.0	91.0	0.2	37.9	100
FR	13.7	23.8	76.2	79.7	0.3	5.9	13.5	86.5	0.3	40.0	100
HR	6.0	26.7	73.3	90.8	1.3	1.9	100.0			30.3	100
IT	9.6	18.9	81.1	81.0	0.0	8.8	46.4	53.6	0.6	29.8	100
CY	24.1	3.5	96.5	58.3		17.7		100.0		40.8	100
LV	9.5	0.6	99.4	64.0	6.4	20.1	1.7	98.3		45.1	100
LT	3.8	0.9	99.1	79.9	3.6	7.9	3.7	96.3	4.9	34.3	100
LU	14.8	0.0	100.0	85.1	0.1	0.0	91.2	8.8		63.0	100
HU	4.4	0.3	99.7	94.3	1.1	0.2	100.0			24.1	100
MT	6.9	0.4	99.6	10.8		81.9	0.9	99.1	0.4	66.8	100
NL	11.6	0.2	99.8	37.7	0.1	50.6	1.6	98.4		39.9	100
AT	9.0	2.6	97.4	88.5	0.5	0.2	20.2	79.8	1.7	33.7	100
PL	3.5	3.3	96.7	93.5	0.7	1.0	2.4	97.6	1.3	14.9	100
PT	14.3	11.9	88.1	74.9	0.2	10.7	9.7	90.3		39.2	100
RO	3.4	23.3	76.7	91.6	3.7	1.1	75.3	24.7	0.2	18.2	100
SI	1.1	2.6	97.4	95.5	0.6	2.7		100.0	0.0	37.3	100
SK	1.4	5.3	94.7	97.3	1.1	0.2	10.8	89.2	0.0	18.6	100
FI	14.2	9.7	90.3	75.1	0.7	5.7	57.5	42.5	4.3	27.8	100
SE	10.0	19.2	80.8	66.1	0.2	22.6	5.0	95.0	1.1	50.0	100
UK	21.7	4.6	95.4	69.5	1.4	7.2	20.8	79.2	0.3	29.7	100
MK											
TR	16.0	32.4	67.6	77.5	0.6	5.9	38.3	61.7		19.5	100
IS	32.1	4.5	95.5	54.3		13.6	7.0	93.0		36.5	100
NO	14.0	49.9	50.1	57.0	0.2	19.6	54.9	45.1	9.1	37.5	100
CH	22.9	2.9	97.1	75.9	0.2	0.7	81.4	18.6	0.2	43.6	100

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

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
2014	4	1	4000
2013	5	3	7000
2012	7	0	1000
2011	5	1	2000
2010	5	4	12000
2009	7	2	3000
2008	7	1	2000
2007	12	3	15000
2006	11	5	22000
2005	21	4	18000
2004	19	5	16000
2003	18	4	43000
2002	11	3	66000
2001	18	3	9000
2000	21	4	14000
1990–1999 (avge per year)	28.1	7.7	113300
1980–1989 (avge per year)	36.0	9.4	117400
1970–1979 (avge per year)	54.3	24.5	319500

SELECTED MAJOR OIL SPILLS – World outside Europe

SHIP NAME	Year	Location	Oil lost (t)
Atlantic Empress	1979	off Tobago, West Indies	287000
ABT Summer	1991	900 miles off Angola	260000
Castillo de Bellver	1983	off Saldanha Bay, South Africa	252000
Odyssey	1988	700 miles off Nova Scotia, Canada	132000
Sea Star	1972	Gulf of Oman	115000
Hawaiian Patriot	1977	300 miles off Honolulu	95000
Khark 5	1989	off Atlantic Coast of Morocco	70000
Nova	1985	off Kharg island, Gulf of Iran	70000
Katina P	1992	off Maputo, Mozambique	67000
Exxon Valdez	1989	Prince William Sound, Alaska	37000
Hebei Spirit	2007	Taeon, Republic of Korea	11000

SELECTED MAJOR OIL SPILLS – Europe

SHIP NAME	Year	Location	Oil lost (t)
Amoco Cadiz	1978	off Brittany, France	223000
Haven	1991	Genoa, Italy	144000
Torrey Canyon	1967	Scilly Isles, United Kingdom	119000
Irenes Serenade	1980	Navarino Bay, Greece	100000
Urquiola	1976	La Coruña, Spain	100000
Independenta	1979	Bosphorus, Turkey	94000
Jakob Maersk	1975	Oporto, Portugal	88000
Braer	1993	Shetland Islands, United Kingdom	85000
Aegean Sea	1992	La Coruña, Spain	74000
Sea Empress	1996	Milford Haven, United Kingdom	72000
Prestige	2002	Cape Finistere, Spain	63000
Erika	1999	Brittany, France	20000

Notes

Notes

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