

EUROPEAN UNION

**ENERGY & TRANSPORT
IN FIGURES
2006**

Part 3 : Transport

European Commission

**Directorate-General for
Energy and Transport**

in co-operation with **Eurostat**

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SYMBOLS AND ABBREVIATIONS

12	<i>Estimates are printed in italic</i>
 	break in time series
%	per cent
-	not applicable, does not exist
blank	data not available
0	zero or figure less than half of unit used
ca.	circa = approximately
1970=100	reference year for an index
€	euro
EUR	euro
bio	1 billion = 10 ⁹
DG	Directorate-General of the European Commission
dwt	deadweight ton (shipping)
GDP	Gross Domestic Product
grt	gross registered tonnage (shipping)
mio	1 million
mio t	1 million tonnes
mtow	maximum take-off weight (aircraft)
pkm	passenger-kilometre: a unit of measure: 1 passenger transported a distance of 1 kilometre
PPP	Purchasing Power Parities
rpk	Revenue passenger kilometres (air)
TEU	Twenty foot Equivalent Unit
tkm	tonne-kilometre : a unit of measure: 1 tonne transported a distance of 1 kilometre

COUNTRY ABBREVIATIONS

European Union Countries (EU-25) (also EEA Members)

		EU Member State since :
AT	Austria	1995
BE	Belgium	1958
CY	Cyprus	2004
CZ	Czech Republic	2004
DE	Germany	1958
DK	Denmark	1973
EE	Estonia	2004
EL	Greece	1981
ES	Spain	1986
FI	Finland	1995
FR	France	1958
HU	Hungary	2004
IE	Ireland	1973
IT	Italy	1958
LT	Lithuania	2004
LU	Luxembourg	1958
LV	Latvia	2004
MT	Malta	2004
NL	The Netherlands	1958
PL	Poland	2004
PT	Portugal	1986
SE	Sweden	1995
SI	Slovenia	2004
SK	Slovak Republic	2004
UK	United Kingdom	1973

Other European Economic Area (EEA) and in EFTA

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

Other European Free Trade Association (EFTA)

CH	Switzerland	EFTA:1960
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European Union Candidate Countries

BG	Bulgaria
RO	Romania
HR	Croatia
MK	Former Yugoslav Republic of Macedonia
TR	Turkey

Other Countries

USA	United States of America
JP	Japan
CS	Czechoslovakia (until 1992)

Notes:

EU-15 are those Members of EU-25 that joined the EU before 2004. Those which were Members in 1994 became Members of the EEA in 1994, those which joined the EU after 1994 became Members of the EEA when they joined the EU.

[DE-E (East Germany) is always included in **DE**; unification on 3.10.1990]

Chapter 3.1 : General

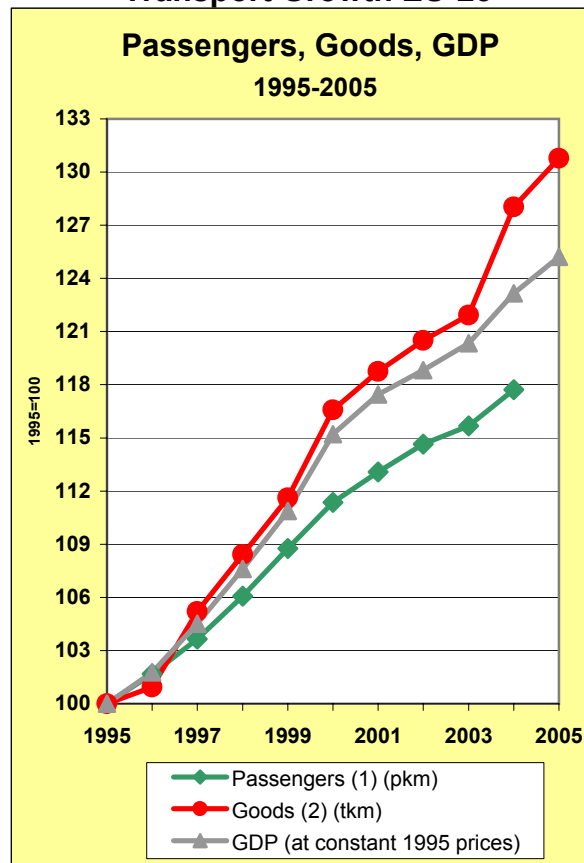
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Statistical Overview EU Transport

data for 2004, otherwise indicated

Employment	The transport services sector employed about 8.2 million persons in the EU-25. Almost two thirds (64%) of them worked in land transport (road, rail, inland waterways), 2% in sea transport, 5% in air transport and 29% in supporting and auxiliary transport activities (such as cargo handling, storage and warehousing, travel and transport agencies, tour operators).
Household expenditure	In 2004, private households in the EU-25 spent € 848 billion or roughly 13.8% of their total consumption on transport. About one sixth of this sum (around € 144 billion) was used to purchase passenger transport services, the remainder (€ 704 billion) for the purchase and operation of individual transport means (mainly cars).
Goods transport	The demand for the four land transport modes road, rail, inland waterways and pipelines in the EU-25 added up to 2351 billion tkm in 2005. Road accounted for 73.3% of this total, rail for 15.8%, inland waterways for 5.5% and pipelines for the remaining 5.3%. If intra-EU maritime transport (the demand for which is estimated to have been around 1525 billion tkm) and intra-EU air transport (2.5 billion tkm) are added to the land modes, then the share of road reduces to 44.5%, rail accounts for 9.6%, inland waterways contribute 3.3% and pipelines add another 3.2%. Maritime transport then accounts for 39.3% and air for 0.1% of the total (all referring to 2005).
Passenger transport	Intra-EU-25 and domestic transport demand using passenger cars, powered two-wheelers, buses and coaches, railways as well as tram and metro was ca. 5530 billion pkm or 12044 km per person in 2004. Passenger cars accounted for 80.6% of this total, powered two-wheelers for 2.6%, buses & coaches for 9.1%, railways for 6.4% and tram & metro for 1.4%. Adding intra-EU air transport (the demand for which is estimated to have been around 482 billion pkm in 2004) and intra-EU sea transport (49 billion pkm) to the land modes reduces the share of passenger cars to 73.5% and the share of powered two-wheelers to 2.4%. Buses and coaches then account for 8.3%, railways for 5.8% and tram and metro for 1.2%. The two additional modes air and sea contribute 8.0% and 0.8% respectively (all referring to 2004).
Transport growth	Goods transport : ca. 2.7% per year (1995-2005). Passenger transport: ca. 1.8% per year (1995-2004).
Safety	Road: 41,274 persons killed in the EU-25 (fatalities within 30 days) in 2005, 43,472 in 2004. The percentage reduction in the number of persons killed for the period 2004 to 2005 was 5.1%, for 2000 to 2005 21.4%.
	Rail: 105 fatalities in 2004.
	Air (2005): 135 air passengers died over EU territory; 144 passengers on EU carriers died throughout the world.

Transport Growth EU-25



Notes :

(1) : passenger cars, powered two-wheelers, buses & coaches, tram & metro, railways, air, sea

(2) : road, sea, rail, inland waterways, pipelines, air

GDP: at constant 1995 prices and exchange rates

Annual Growth Rates EU-25

GDP at 1995 prices and exchange rates	1995-2005 p.a.	2.3 %	2004-2005	1.7 %
Passenger transport pkm	1995-2004 p.a.	1.8 %	2003-2004	1.8 %
Freight transport tkm	1995-2005 p.a.	2.7 %	2004-2005	2.1 %

3.1.3

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	50	90	120	0.5
CZ	50	90	130	0.0
DK	50	80	110-130	0.5
DE	50	100	(130)	0.5
EE	50	90	110	0.2
EL	50	90	120	0.5
ES	50	90	120	0.5
FR	50	80-90	110-130	0.5
IE	50	80-100	120	0.8
IT	50	90	110-150	0.5
CY	50	80	100	0.9
LV	50	90	110	0.5
LT	50	90	110-130	0.4
LU	50	90	130	0.8
HU	50	80	120	0.0
MT	40	64	-	0.8
NL	50	80	120	0.5
AT	50	100	130	0.5
PL	50-60	90	130	0.2
PT	50	90-100	120	0.5
SI	50	90	130	0.5
SK	60	90	130	0.0
FI	50	80-100	100-120	0.5
SE	30-50	70-90	110	0.2
UK	48	96	112	0.8
BG	50	90	120	0.5
RO	50	90	120	0.0
HR	50	90	130	0.0
MK	60	80	120	0.5
TR	50	90	130	0.5
IS	50	80-90	-	0.5
NO	50	80	90	0.2
CH	50	80	120	0.5

Source : National sources, ECMT

Notes :

UK and **IE** drive on the left hand side of the road, the other Member States on the right hand side (Sweden since 3.9.1967). Signs in **UK** are in miles per hour.

Speed limits:

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

FR: Dual carriageways 110 km/h. If road is wet : motorways 110 km/h, dual carriageways 90 km/h.

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

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

3.1.4

Road transport Maximum Gross Vehicle Weight

tonnes

	Lorries		Road train		Articulated vehicles 5 axles and more
	2 axles	3 axles	4 axles	5 axles and more	
BE	19	26	39	44	44
CZ	18	25/26	36	42	42
DK	18/19	24/26	38	44/40	40/48
DE	18	26	36	40	40
EE	18	26	36	40	40
EL	18	26	36	40	40
ES	18	26	36	40	40
FR	19	26	38	40	40
IE	17	26	35	40	40
IT	18	26	40	44	44
CY					
LV	18	25	36	40	40
LT	18	26	36	40	40
LU	19	26		44	44
HU	20	24	36	40	40
MT			40	40	40
NL	21.5	33	40	50	50
AT	18	25	36	38	38
PL	19.5	29.5	37	40	40
PT	19	26	38	40	40
SI	18	25		40	40
SK	18	26	40	40	40
FI	18	26	38	60	48
SE	18	26		60	60
UK	18	26	36	40	40
BG	16	26	36	40	40
RO	18	24	34	40	40
HR			40	40	40
MK			40	40	40
TR	18	25	36	40	40
IS	18	26	37	40	44
NO		26		50	47
CH	18	25	34	34	34
LI	18	26	36	40	40

Source : National sources, ECMT

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.

DK: national / international

Many countries allow higher weight limits in certain circumstances: wheelbase, rear-axle spacing, double tyres, type of engine, type of road, type of load (containers).

Employment by Mode of Transport

2004

	Total	Road		Sea transport	Air transport	Railways	Inland water transport	Pipe- lines	Travel agencies & tour operators	Other* auxiliary transport activities
		freight transport	passenger transport							
EU25	8 224 582	2 600 659	1 700 991	163 325	396 649	911 848	36 746	10 134	478 680	1 925 550
BE	192 352	63 172	32 849	565	4 928	40 000	778	370	7 977	41 713
CZ	277 355	102 569	47 732	0	5 340	78 500	816	673	13 253	28 472
DK	134 563	39 085	30 500	12 915	11 679	8 619	120	576	5 778	25 291
DE	1 238 001	284 527	288 945	17 875	53 002	82 627	8 803	498	61 373	440 351
EE	35 202	12 589	6 000	1 100	617	3 897	111	0	1 697	9 191
EL	200 000	50 000	65 000	15 950	15 000	8 900	50	100	15 000	30 000
ES	820 203	364 949	164 787	7 065	36 086	36 377	224	0	50 868	159 847
FR	1 125 487	346 082	214 329	13 165	72 210	176 000	3 468	1 027	41 249	257 957
IE	62 642	16 175	9 131	5 550	5 500	5 656	50	0	5 472	15 108
IT	935 659	331 597	144 522	21 711	24 600	69 164	2 813	2 970	43 363	294 919
CY	18 237	2 559	2 141	3 502	2 530	0	0	0	2 584	4 921
LV	65 504	14 161	15 213	627	739	15 401	15	386	1 647	17 315
LT	75 755	27 716	19 384	1 677	980	11 500	134	407	1 958	11 999
LU	18 739	7 411	2 205	32	3 247	3 194	40	0	669	1 941
HU	212 273	69 065	55 038	22	4 076	52 776	1 304	562	6 014	23 416
MT	10 385	811	1 473	734	2 279	0	0	0	1 771	3 317
NL	341 566	119 179	55 019	17 500	23 023	22 750	12 213	138	22 670	69 074
AT	199 211	58 572	44 013	13	8 435	46 931	337	108	12 187	28 615
PL	566 844	199 578	149 811	1 918	4 881	124 139	1 224	1 329	18 679	65 285
PT	150 361	58 565	36 700	802	8 851	4 953	917	46	8 276	31 251
SI	40 632	17 891	4 890	150	605	8 228	50	0	2 318	6 500
SK	75 721	9 595	16 410	16	662	39 000	750	559	2 093	6 636
FI	113 518	38 666	24 137	7 904	7 383	8 402	225	0	4 980	21 821
SE	222 458	67 233	57 227	15 937	14 243	8 556	1 090	0	12 052	46 120
UK	1 091 914	298 912	213 535	16 595	85 753	56 278	1 214	385	134 752	284 490
BG	161 788	45 000	46 788	5 000	2 143	21 000	1 135	280	5 501	34 941
RO	273 303	64 007	77 815	15 000	19 607	49 000	4 121	1 834	6 408	35 511

Source : Eurostat (economic activity according to NACE Rev.1 classification), estimates (*in italics*)

Notes:

LU : 2003; MT : 2002

The above figures refer to employment in companies whose main activity lies in the mode concerned.

* : Cargo handling and storage, other supporting activities, activities of other transport agencies.

Number of Enterprises by Mode of Transport

2004

	Road		Sea transport	Air transport	Railways	Inland water transport	Pipelines	Travel agencies & tour operators	Other* auxiliary transport activities
	freight transport	passenger transport							
BE	7 881	2 145	85	129		303		1 229	2 296
CZ	26 538	9 195	0	27	46	85	2	6 396	3 629
DK	7 089	3 845	370	57	12	32	3	574	1 375
DE	34 030	24 052	1 305	409	227	1 103	21	8 904	13 354
EE	1 666	228	17	9	10	1	0	272	714
EL									
ES	131 816	65 579	192	51	7	29	0	7 972	13 072
FR	43 865	36 240	752	451	25	1 216	26	4 882	7 182
IE	3 901	445							811
IT	102 542	22 327	749	269	31	709	12	10 499	16 576
CY	1 453	1 370	54	5	0	0	0	488	546
LV	1 652	423	23	12	11	5	1	310	1 245
LT	2 848	1 577	17	13		9		260	827
LU	455	165	12	19	1	23	0	104	129
HU	20 739	9 684	11	93	12	99	4	1 782	3 428
MT	346	1 007	154	19	0	0	0	669	243
NL	9 135	4 560	535	230	15	3 545	10	2 160	3 345
AT	6 818	4 628	11	115	16	63	4	1 484	1 078
PL	77 381	47 141	120	70	68	422	5	6 120	7 527
PT	10 964		82	35	2	29		1 164	1 688
SI	6 714	823	25	25	8	21	0	419	473
SK	632	91		8				274	421
FI	11 046	8 851	228	56	4	82	0	928	1 290
SE	14 883	9 348	593	198	32	433	0	2 686	2 863
UK	34 698	10 826	1 121	916	99	216	11	6 552	9 841
BG		7 985	26	19		16		1 047	1 742
RO	12 020	6 986				121		1 721	1 678

Source : Eurostat (economic activity according to NACE Rev.1 classification)

Notes:

* : cargo handling and storage, other supporting activities, activities of other transport agencies.

LU : 2003; MT : 2002

Turnover by Mode of Transport 2004

million €

	Road		Sea transport	Air transport	Railways	Inland water transport	Pipelines	Travel agencies & tour operators	Other* auxiliary transport activities
	freight transport	passenger transport							
BE	9 619	2 206	2 641	2 173		268		5 276	13 280
CZ	4 330	789	0					1 337	3 781
DK	4 910		13 901	2 560	360	59		2 397	7 413
DE	24 788	14 068	16 092	10 780	13 619	1 548	452	18 665	66 601
EE	619			98			0	106	1 365
EL									
ES	29 883	6 906	1 492	7 754	1 811	7	0	15 133	25 820
FR	34 537	13 364	6 692	15 389		558		11 896	49 625
IE	2 010	655							3 666
IT	40 948	6 213	8 070	8 884	5 687	298	1 937	12 027	35 345
CY	75	69	260	392	0	0	0	116	265
LV	421	113	33	95		0		122	1 083
LT	902	178	110	94		3		106	663
LU	837	108	24	1 206	321	5	0	240	430
HU	3 191	1 009	1	647	967	60	250	790	2 542
MT	39	42	50	349	0	0	0	198	275
NL	15 403	2 590	5 334	7 650		1 443		4 541	15 296
AT	7 231	2 786	9	2 698	1 618	78	278	3 658	10 991
PL	7 408	2 185	346	897	3 122	139	449	1 403	4 437
PT	3 967		377	1 945	237	24		2 425	4 175
SI	1 233	169	37	143	281	1	0	357	731
SK	384	225		107				205	543
FI	4 435	1 391	2 154	1 999	762	18	0	1 243	4 390
SE	7 292	5 659	3 675	2 852	1 354	109	0	6 393	11 826
UK	30 193	15 082	9 003	26 578	8 739	128	176	52 542	51 918
BG		427		244				159	752
RO	1 712	589				99		244	1 157

Source : Eurostat (economic activity according to NACE Rev.1 classification)

Notes:

* : cargo handling and storage, other supporting activities, activities of other transport agencies

LU : 2003; MT : 2002

3.1.8

**Final Consumption of Households for
Transport
by type of expenditure
2005**

	Final consumption for transport	of which: for			as a % of total final consumption	expenditure per head on transport
		purchase of personal transport equipment	operation of personal transport equipment	purchased transport services		
	billion euro				%	€
EU25	847.99	279.12	425.24	143.64	13.8	1 838
BE	22.67	9.23	12.00	1.44	14.9	2 170
CZ	5.73	1.56	3.15	1.02	11.2	561
DK	11.74	4.81	5.72	1.21	12.5	2 176
DE	170.40	64.55	78.25	27.60	13.6	2 065
EE	0.73	0.18	0.36	0.19	12.1	540
EL	10.10	1.67	5.25	3.18	8.5	915
ES	51.96	20.72	22.70	8.54	12.1	1 272
FR	141.81	38.16	84.16	19.48	14.7	2 274
IE	7.50	2.73	3.03	1.74	11.1	1 825
IT	114.93	32.45	67.15	15.34	13.6	1 966
CY	1.36	0.47	0.49	0.40	13.2	1 816
LV	0.61	0.14	0.30	0.16	9.7	260
LT	2.21	0.31	1.48	0.43	16.2	645
LU	2.51	1.13	1.27	0.11	19.0	5 505
HU	7.72	2.92	3.78	1.02	15.8	764
MT	0.49	0.16	0.22	0.11	14.1	1 207
NL	27.49	8.12	15.12	4.26	11.4	1 686
AT	17.52	5.70	8.99	2.83	12.5	2 135
PL	14.96	2.43	8.95	3.58	9.9	392
PT	12.17	4.44	6.15	1.58	13.7	1 169
SI	2.50	0.93	1.39	0.19	15.9	1 253
SK	1.97	0.53	0.95	0.49	9.0	365
FI	10.04	3.53	4.74	1.78	12.8	1 917
SE	17.58	5.27	9.82	2.49	13.2	1 951
UK	159.08	56.53	62.06	40.49	15.0	2 665

Source : Eurostat, national statistics

Note: DK, EL, UK: 2004 LV, PT: 2003 ES: 2002

EU-25 : Evolution of Consumer Prices for Passenger Transport

Harmonised Index of Consumer Prices Year 2000 = 100

Year	All-items	Trans - port	Purchase of vehicles	Operation of personal transport equipment		Transport services					
				of which:		of which:					
					Fuels and lubricants for personal transport equipment	Passenger transport by railway	Passenger transport by road	Passenger transport by air	Passenger transport by sea and inland waterway	Combined passenger transport	
2005	111.36	113.35	103.98	117.07	117.19	120.16	115.54	121.36	118.18	110.11	120.53
2004	109.00	108.63	103.63	109.82	106.28	115.00	111.69	116.60	111.70	110.34	116.43
2003	106.71	105.11	102.78	104.71	99.64	111.32	108.18	112.58	110.49	112.61	111.25
2002	104.68	102.51	101.73	101.53	96.72	107.56	105.13	108.05	108.53	109.63	107.83
2001	102.49	100.97	100.52	100.28	97.55	104.39	102.72	104.73	105.84	104.88	104.15
2000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1999	97.62	94.92	100.24	91.69	85.37	96.95	97.86	95.85	98.44	95.45	96.32
1998	96.07	92.65	100.68	88.21	80.35	94.50	95.55	92.63	97.28	92.71	93.84
1997	94.10	91.68	99.51	88.09	81.79	91.62	92.82	89.70	95.45	92.05	90.21
1996	91.74	89.33	99.32	85.13	78.12	88.49	90.71	86.27	92.92	88.09	86.30

Source: Eurostat

Comparison EU-25 - World : Infrastructure and Vehicles

		EU-25	USA	Japan	China	Russia
Transport infrastructure						
		2004	2004	2003	2004	2004
Road network	1000 km	4 854.8	6 374.4	925.0	1 870.7	546.4
Motorway network	1000 km	59.6	91.0	7.2	34.3	29.0
Railway network	1000 km	197.9	205.6 (1)	23.7	74.4	85.0
Electrified rail lines	1000 km	100.2		16.5	18.6	49.0
Nav. inland waterways	1000 km	37.1	41.6	1.8	123.3	102.0
Oil Pipelines	1000 km	28.9	257.6	0.2	15.1	64.0
Vehicle stock						
		2004	2004	2004	2004	2003
Passenger cars stock	million	215.389	228.280 (2)	67.726 (3)	17.359	23.383
Motorization	cars / 1000 persons	469	770	530	13	161
Commercial vehicles	million	31.940	8.967	7.512	8.930	5.397
Transport safety 2005						
Road fatalities per million inhabitants		41 274 89	43 443 147	6 871 54	107 077 82 (4)	34 000 238

Source : Eurostat, International Road Federation, Union Internationale des Chemins de Fer, national statistics

Notes:

- (1): USA: a sum of overlapping networks.
 (2): USA: all 2-axle 4-tyre vehicles
 (3): Japan: including minicars (engine capacity up to 660 cubic centimetres)
 (4): China: 2004

Comparison EU-25 - World : Passenger and Freight Transport

	EU-25	USA	Japan	China	Russia
Passenger transport billion pkm					
	2004	2004	2003	2004	2005
Passenger car (1)	4 458.1	7 165.0	755.0	874.8	
Bus / coach	501.8	226.0	86.0		96.3
Railway	351.7	22.0	385.0	571.2	171.6
Tram + metro	75.2	18.0			71.9
Waterborne	49.0	1.0	4.0	6.6	0.7
Air (domestic / intra-EU-25)	482.5	896.0	83.0	178.2	85.8
Freight transport billion tkm					
	2005	2003	2003	2004	2005
Road	1 724	1 845.0	322.0	784.1	183.6
Rail	372	2 341.0	23.0	1 928.9	1 858.0
Inland waterways	129	476.0		917.4	71.0
Oil pipeline	126	861.0			2 474.0
Sea (domestic / intra-EU-25)	1 525	424.0	218.0	3 225.5	48.0

Source: Eurostat, Energy and Transport DG, Japan Statistics Bureau, US Bureau of Transportation Statistics, Goskom STAT (Russia), National Bureau of Statistics of China

Notes:

- (1): USA: Including light trucks / vans.
- (1): Japan: including light vehicles.
- (1): China: including buses and coaches.

External Trade by Mode of Transport 2005

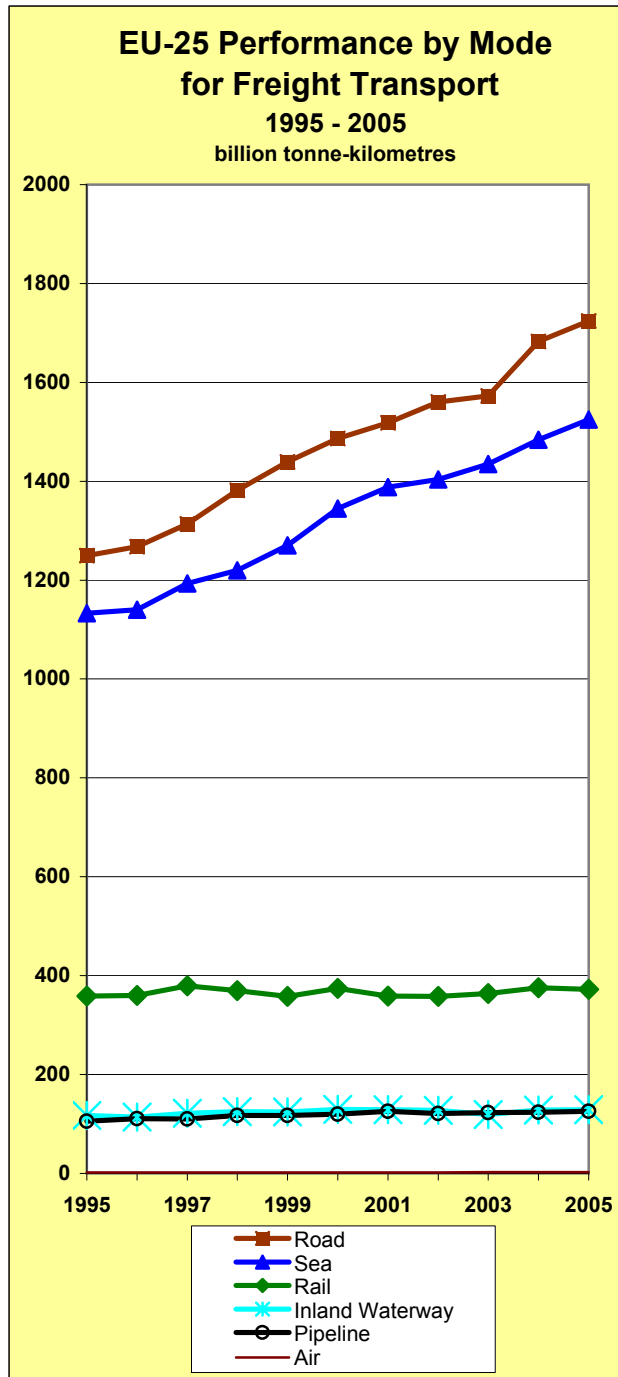
	Value (billion €)								Weight (million tonnes)							
	Extra EU-25				Intra EU-25				Extra EU-25				Intra EU-25			
	Export		Import		Export + Import		Import		Export		Import		Export + Import		Import	
Sea	460.4	43.1%	553.3	46.9%	1013.7	45.1%	186.1	9.0%	338.6	71.6%	1176.8	69.3%	1515.4	69.8%	219.9	14.7%
Road	235.1	22.0%	160.5	13.6%	395.6	17.6%	853.1	41.1%	80.2	17.0%	56.1	3.3%	136.2	6.3%	419.9	28.1%
Rail	20.5	1.9%	14.0	1.2%	34.5	1.5%	61.1	2.9%	25.3	5.4%	70.3	4.1%	95.6	4.4%	76.7	5.1%
Inland waterway	5.6	0.5%	3.5	0.3%	9.1	0.4%	16.6	0.8%	10.7	2.3%	11.5	0.7%	22.2	1.0%	64.2	4.3%
Pipeline	2.6	0.2%	74.2	6.3%	76.8	3.4%	36.5	1.8%	4.3	0.9%	286.2	16.9%	290.5	13.4%	119.3	8.0%
Air	293.8	27.5%	242.9	20.6%	536.7	23.9%	37.3	1.8%	6.9	1.5%	3.6	0.2%	10.4	0.5%	0.6	0.0%
Other/unknown	49.8	4.7%	130.1	11.0%	180.0	8.0%	885.3	42.6%	6.8	1.4%	94.0	5.5%	100.7	4.6%	593.5	39.7%
Total	1067.8	100.0%	1178.5	100.0%	2246.3	100.0%	2076.0	100.0%	472.6	100.0%	1698.5	100.0%	2171.1	100.0%	1494.1	100.0%

Source : Eurostat

Note: Unknown intra-EU imports include some UK imports by road and sea

Chapter 3.2 : Performance of Freight Transport expressed in tonne-kilometres

- 3.2.1 Performance by Mode (graph)
- 3.2.2 Performance by Mode and Year
- 3.2.3 Performance by Inland Mode and Year
- 3.2.4a Road : National Haulage
- 3.2.4b Road : International Haulage
- 3.2.4c Road : National and International Haulage
- 3.2.5 Railways
- 3.2.6 Inland Waterways
- 3.2.7 Pipelines (Oil)



Source: tables 3.2.4 to 3.2.7, estimates

EU-25 Performance by Mode

Freight Transport

1000 mio tonne-kilometres

	Road	Rail	Inland Water-ways	Pipe-lines	Sea	Air	Total
2005	1 724	372	129	126	1 525	2.5	3 878
2004	1 683	375	129	124	1 484	2.5	3 797
2003	1 573	364	119	123	1 435	2.4	3 616
2002	1 560	358	128	121	1 404	2.1	3 573
2001	1 518	359	129	126	1 388	2.2	3 522
2000	1 487	374	130	120	1 345	2.1	3 457
1999	1 439	358	124	117	1 270	2.0	3 310
1998	1 382	370	125	117	1 220	2.0	3 215
1997	1 314	380	121	110	1 193	1.9	3 120
1996	1 268	360	114	111	1 140	1.9	2 994
1995	1 250	358	117	105	1 133	1.9	2 966
1995 - 2005	37.9%	3.8%	10.2%	19.2%	34.6%	31.1%	30.8%
per year	3.3%	0.4%	1.0%	1.8%	3.0%	2.7%	2.7%
2004 - 2005	2.5%	-0.9%	0.3%	1.4%	2.8%	-0.4%	2.1%

Modal split

(%)

	Road	Rail	Inland Water-ways	Pipe-lines	Sea	Air
2005	44.5	9.6	3.3	3.2	39.3	0.1
2004	44.3	9.9	3.4	3.3	39.1	0.1
2003	43.5	10.1	3.3	3.4	39.7	0.1
2002	43.7	10.0	3.6	3.4	39.3	0.1
2001	43.1	10.2	3.7	3.6	39.4	0.1
2000	43.0	10.8	3.7	3.5	38.9	0.1
1999	43.5	10.8	3.8	3.5	38.4	0.1
1998	43.0	11.5	3.9	3.6	37.9	0.1
1997	42.1	12.2	3.9	3.5	38.2	0.1
1996	42.3	12.0	3.8	3.7	38.1	0.1
1995	42.1	12.1	3.9	3.6	38.2	0.1

Source: tables 3.2.4 to 3.2.7, estimates (*in italics*)

Notes:

Air and Sea: only domestic and intra-EU25 transport; data under revision

Road: national and international haulage by vehicles registered in the EU-25

3.2.3

EU-25 Performance by Mode Freight Transport for Inland Modes

1000 mio tonne-kilometres

	Road	Rail	Inland Water-ways	Pipe-lines	Total
2005	<i>1 724</i>	<i>372</i>	<i>129</i>	<i>126</i>	2 351
2004	<i>1 683</i>	<i>375</i>	<i>129</i>	<i>124</i>	2 311
2003	<i>1 573</i>	<i>364</i>	<i>119</i>	<i>123</i>	2 179
2002	<i>1 560</i>	<i>358</i>	<i>128</i>	<i>121</i>	2 167
2001	<i>1 518</i>	<i>359</i>	<i>129</i>	<i>126</i>	2 131
2000	<i>1 487</i>	<i>374</i>	<i>130</i>	<i>120</i>	2 110
1999	<i>1 439</i>	<i>358</i>	<i>124</i>	<i>117</i>	2 038
1998	<i>1 382</i>	<i>370</i>	<i>125</i>	<i>117</i>	1 993
1997	<i>1 314</i>	<i>380</i>	<i>121</i>	<i>110</i>	1 925
1996	<i>1 268</i>	<i>360</i>	<i>114</i>	<i>111</i>	1 852
1995	<i>1 250</i>	<i>358</i>	<i>117</i>	<i>105</i>	1 831
1995 - 2005	<i>37.9%</i>	<i>3.8%</i>	<i>10.2%</i>	<i>19.2%</i>	28.4%
per year	<i>3.3%</i>	<i>0.4%</i>	<i>1.0%</i>	<i>1.8%</i>	2.5%
2004 - 2005	<i>2.5%</i>	<i>-0.9%</i>	<i>0.3%</i>	<i>1.4%</i>	1.7%

Modal split (%)

	Road	Rail	Inland Water-ways	Pipe-lines
2005	<i>73.3</i>	<i>15.8</i>	<i>5.5</i>	<i>5.3</i>
2004	<i>72.8</i>	<i>16.2</i>	<i>5.6</i>	<i>5.4</i>
2003	<i>72.2</i>	<i>16.7</i>	<i>5.5</i>	<i>5.7</i>
2002	<i>72.0</i>	<i>16.5</i>	<i>5.9</i>	<i>5.6</i>
2001	<i>71.2</i>	<i>16.8</i>	<i>6.0</i>	<i>5.9</i>
2000	<i>70.5</i>	<i>17.7</i>	<i>6.1</i>	<i>5.7</i>
1999	<i>70.6</i>	<i>17.6</i>	<i>6.1</i>	<i>5.7</i>
1998	<i>69.3</i>	<i>18.5</i>	<i>6.3</i>	<i>5.9</i>
1997	<i>68.2</i>	<i>19.7</i>	<i>6.3</i>	<i>5.7</i>
1996	<i>68.5</i>	<i>19.4</i>	<i>6.1</i>	<i>6.0</i>
1995	<i>68.3</i>	<i>19.6</i>	<i>6.4</i>	<i>5.8</i>

Source: tables 3.2.4 to 3.2.7, estimates (*in italics*)

Note: Road: national and international haulage by vehicles registered in the EU-25

Road : National Haulage

Haulage by Vehicles Registered in the Reporting Country

1000 mio tkm

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25						<i>1 065.5</i>	<i>1 078.9</i>	<i>1 104.9</i>	<i>1 109.0</i>	<i>1 164.4</i>	<i>1 198.6</i>
BE	18.6	16.6	18.4	16.7	15.8	19.8	20.6	20.4	19.6	19.4	19.3
CZ						14.2	15.0	16.3	17.4	16.0	15.5
DK	9.3	9.4	9.7	10.1	10.4	11.0	10.9	11.1	11.0	10.5	11.1
DE	201.3	199.2	203.1	210.4	226.9	226.5	230.0	225.5	227.2	232.3	237.6
EE	0.4	0.4	0.5	0.5	0.7	0.7	0.5	0.8	1.6	1.5	1.8
EL	<i>11.6</i>	<i>12.0</i>	<i>12.4</i>	<i>12.8</i>	<i>13.3</i>	<i>14.1</i>	<i>14.9</i>	<i>15.6</i>	<i>16.4</i>	<i>17.2</i>	<i>18.0</i>
ES	78.7	76.3	80.6	91.3	98.1	106.9	114.0	129.5	138.4	155.0	166.4
FR	135.3	136.5	139.0	145.5	159.0	163.2	168.6	169.7	170.9	179.2	177.3
IE	4.7	4.7	4.7	4.7	7.7	8.3	9.1	10.7	11.9	13.2	14.0
IT	150.3	151.0	153.6	<i>154.2</i>	152.0	158.3	154.7	160.1	143.2	158.2	171.6
CY						1.3	1.3	1.3	1.4	1.1	1.4
LV						1.5	1.6	2.0	2.4	2.4	2.7
LT						1.5	1.5	1.5	2.0	2.2	2.1
LU	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.5
HU						12.1	11.8	11.2	10.7	11.0	11.4
MT						0.2	0.2	0.2	0.2	0.2	0.2
NL	26.7	27.3	27.4	28.2	32.7	31.5	31.0	30.3	31.8	33.9	31.8
AT	11.1	11.4	11.6	11.7	12.3	12.4	12.5	12.7	13.0	12.4	12.5
PL						48.0	49.0	50.5	53.0	58.8	60.9
PT	16.5	16.8	17.3	17.6	17.2	17.1	17.5	17.3	17.0	17.4	17.4
SI						1.9	1.9	1.9	2.0	2.3	2.4
SK						5.1	5.3	5.0	5.2	5.4	5.6
FI	21.8	22.2	23.5	25.6	25.8	27.7	26.7	28.1	26.9	27.3	27.8
SE	28.4	30.3	32.2	30.4	30.4	31.5	30.0	31.8	31.5	32.7	34.7
UK	146.7	150.2	152.5	155.4	149.0	150.3	149.8	150.9	153.9	154.2	154.4
BG						3.1	3.3	3.9	4.6	4.6	5.1
RO					9.7	9.9	10.6	11.0	13.6	14.7	19.4
HR					1.6	1.9	3.2	3.7	4.1	4.4	4.4
MK											
TR	112.5	135.8	139.8	152.2	151.0	161.6	151.4	150.9	152.2	156.9	
IS							0.6	0.7	0.7	0.7	0.7
NO					11.7	12.1	12.4	12.7	13.5	14.5	15.4
CH											

Source : Eurostat, European Conference of Ministers of Transport (ECMT), national statistics, estimates (*in italics*)

Road : International Haulage

Haulage by Vehicles Registered in the Reporting Country

(including cross-trade and cabotage)

1000 mio tkm

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25						421.3	439.5	455.4	463.5	518.3	525.5
BE	27.0	25.2	25.3	24.4	21.5	31.3	32.6	32.5	31.0	28.5	24.6
CZ						23.1	24.1	27.4	29.2	30.0	27.9
DK	13.1	11.9	11.8	11.3	12.8	13.0	11.3	11.5	12.0	12.6	12.2
DE	36.5	37.4	42.8	47.0	51.5	54.2	58.9	59.7	63.5	71.4	72.5
EE	1.1	1.5	2.3	3.3	3.2	3.2	4.1	3.6	2.4	3.6	4.0
EL	3.0	3.1	3.1	3.2	3.3	3.4	3.6	3.7	3.8	4.0	4.0
ES	22.9	25.7	28.9	33.7	36.1	41.8	47.0	55.0	54.2	65.8	66.8
FR	42.9	43.5	42.4	43.6	45.7	40.8	38.3	34.6	32.7	33.0	28.0
IE	0.8	1.6	2.3	3.5	2.5	3.9	3.2	3.5	3.7	3.9	3.9
IT	24.1	24.4	24.8	26.3	25.3	26.4	31.8	32.6	30.9	38.8	40.2
CY						0.0	0.0	0.0	0.0	0.0	0.0
LV						3.3	3.7	4.2	4.4	5.0	5.7
LT						6.2	6.8	9.2	9.5	10.1	13.8
LU	5.0	3.1	4.0	4.6	5.9	7.2	8.2	8.6	9.1	9.0	8.3
HU						7.0	6.7	6.7	7.5	9.6	13.8
MT						0.3	0.3	0.3	0.3	0.3	0.3
NL	40.4	42.1	43.2	50.3	50.9	48.0	47.5	47.2	48.0	55.8	52.3
AT	15.4	16.4	17.0	18.6	21.7	22.7	25.1	25.8	26.5	26.8	24.5
PL						27.0	28.2	29.8	33.0	44.0	50.9
PT	13.9	16.8	18.6	19.1	20.7	21.8	23.0	22.9	22.7	23.4	25.2
SI						3.4	5.1	4.7	5.0	6.7	8.7
SK						9.3	8.5	9.9	11.5	13.1	16.9
FI	2.7	2.8	2.2	2.5	3.9	4.3	3.8	3.9	4.0	5.0	4.0
SE	3.2	3.0	2.9	2.9	2.8	4.2	4.2	4.8	5.2	4.3	3.9
UK	14.8	16.0	16.7	16.6	17.2	15.3	13.5	13.1	13.2	13.7	13.1
BG						3.3	4.7	4.9	4.9	7.3	9.3
RO		19.8	21.8	15.8	3.7	4.4	7.9	14.4	17.1	22.6	32.1
HR					0.8	1.0	3.6	3.8	4.1	4.4	4.9
MK											
TR											
IS											
NO					3.2	3.0	2.8	2.7	3.1	3.0	2.9
CH											

Source : Eurostat, European Conference of Ministers of Transport (ECMT), national statistics, estimates (*in italics*)

Road : National and International Haulage

Haulage by Vehicles Registered in the Reporting Country

(including cross-trade and cabotage)

1000 mio tkm

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25	1 249.9	1 267.6	1 313.9	1 381.7	1 439.2	1 486.8	1 518.4	1 560.3	1 572.5	1 682.7	1 724.1
BE	45.6	41.8	43.7	41.1	37.3	51.0	53.2	52.9	50.5	47.9	43.8
CZ	31.3	30.1	30.6	33.9	37.0	37.3	39.1	43.7	46.5	46.0	43.4
DK	22.4	21.3	21.5	21.4	23.2	24.0	22.2	22.5	23.0	23.1	23.3
DE	237.8	236.6	245.9	257.4	278.4	280.7	289.0	285.2	290.7	303.8	310.1
EE	1.5	1.9	2.8	3.8	4.0	3.9	4.7	4.4	4.0	5.1	5.8
EL	14.6	15.0	15.5	16.0	16.6	17.5	18.5	19.3	20.2	21.1	22.0
ES	101.6	102.0	109.5	125.0	134.3	148.7	161.0	184.5	192.6	220.8	233.2
FR	178.2	180.0	181.4	189.1	204.7	204.0	206.9	204.4	203.6	212.2	205.3
IE	5.5	6.3	7.0	8.2	10.2	12.3	12.3	14.3	15.7	17.1	17.9
IT	174.4	175.5	178.4	180.5	177.3	184.7	186.5	192.7	174.1	197.0	211.8
CY	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.1	1.4
LV	1.8	2.2	3.4	4.1	4.2	4.8	5.4	6.2	6.8	7.4	8.4
LT	5.2	4.2	5.1	5.6	7.7	7.8	8.3	10.7	11.5	12.3	15.9
LU	5.5	3.5	4.4	5.0	6.3	7.6	8.7	9.2	9.6	9.6	8.8
HU	13.8	14.3	14.9	18.7	18.6	19.1	18.5	17.9	18.2	20.6	25.2
MT	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NL	67.1	69.4	70.6	78.5	83.6	79.6	78.5	77.4	79.8	89.7	84.2
AT	26.5	27.8	28.6	30.3	34.0	35.1	37.5	38.5	39.6	39.2	37.0
PL	51.2	56.5	63.7	69.5	70.5	75.0	77.2	80.3	86.0	102.8	111.8
PT	27.3	33.6	36.0	36.7	37.8	38.9	40.5	40.2	39.8	40.8	42.6
SI	3.3	3.5	3.9	3.8	4.2	5.3	7.0	6.6	7.0	9.0	11.0
SK	15.9	15.9	15.4	17.9	18.5	14.3	13.8	14.9	16.7	18.5	22.6
FI	24.5	25.0	25.7	28.1	29.7	32.0	30.5	32.0	30.9	32.3	31.9
SE	31.6	33.3	35.1	33.3	33.2	35.6	34.2	36.7	36.6	36.9	38.6
UK	161.5	166.2	169.2	172.0	166.3	165.6	163.3	164.0	167.1	167.8	167.5
BG						6.4	8.0	8.8	9.5	12.0	14.3
RO	19.7	19.8	21.8	15.8	13.5	14.3	18.5	25.4	30.8	37.2	51.5
HR					2.4	2.9	6.8	7.4	8.2	8.8	9.3
MK							3.1		5.5	5.3	5.6
TR (1)	112.5	135.8	139.8	152.2	151.0	161.6	151.4	150.9	152.2	156.9	
IS	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7
NO	9.7	12.5	14.1	14.8	14.9	15.1	15.2	15.4	16.6	17.5	18.2
CH	11.4	11.3	11.5	12.1	12.2	12.6	13.2	13.3	13.7	13.8	

Source : Eurostat, European Conference of Ministers of Transport (ECMT), national statistics, estimates (*in italics*)

Note : (1) national transport only

Railways

1000 mio tkm

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25	494.3	559.0	461.7	358.5	359.8	379.6	369.6	357.7	374.2	358.7	357.8	363.8	375.4	372.2
BE	7.9	8.0	8.4	7.3	7.2	7.5	7.6	7.4	7.7	7.1	7.3	7.3	7.7	8.1
CZ				22.6	22.3	21.0	18.7	16.7	17.5	16.9	15.8	15.9	15.1	14.8
DK	1.7	1.6	1.7	2.0	1.8	2.0	2.1	1.9	2.0	2.1	1.9	2.0	2.1	2.0
DE	113.0	121.3	101.7	69.5	70.0	73.9	74.2	71.9	77.5	76.2	76.3	78.5	86.4	89.7
EE	5.7	6.5	7.0	3.8	4.2	5.1	6.1	7.3	8.1	8.6	9.7	9.7	10.5	10.6
EL	0.7	0.8	0.6	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.5	0.6	0.6
ES	9.7	11.3	11.2	11.0	11.1	12.5	11.3	11.5	11.6	11.7	11.6	11.7	11.4	11.1
FR	67.6	68.8	50.7	48.1	49.5	53.9	54.0	53.4	55.3	50.3	50.0	46.8	45.1	40.7
IE	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3
IT	18.1	18.4	19.4	21.7	21.0	22.9	22.5	21.5	22.8	21.8	20.7	20.3	21.0	20.1
CY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LV	15.5	17.6	18.5	9.8	12.4	14.0	13.0	12.2	13.3	14.2	15.0	17.6	16.9	17.9
LT	13.6	18.2	19.3	7.2	8.1	8.6	8.3	7.8	8.9	7.7	9.8	11.5	11.6	12.5
LU	0.8	0.7	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.4
HU	19.8	24.4	16.8	8.4	7.6	8.1	8.2	8.5	8.8	7.7	7.8	7.6	8.3	8.6
MT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NL	3.7	3.5	3.1	3.1	3.1	3.4	3.8	4.0	4.5	4.3	4.0	4.7	5.2	5.2
AT	9.9	11.0	12.2	13.2	13.3	14.2	14.7	15.0	16.6	16.9	17.1	16.9	17.9	17.1
PL	98.0	132.4	81.6	68.2	67.4	67.7	60.9	55.1	54.0	47.7	46.6	47.4	47.9	43.8
PT	0.8	1.0	1.5	2.0	1.9	2.2	2.0	2.2	2.2	2.1	2.2	2.1	2.3	2.4
SI	3.3	3.8	4.2	3.1	2.6	2.9	2.9	2.8	2.9	2.8	3.1	3.3	3.1	3.2
SK				13.8	12.0	12.4	11.8	9.9	11.2	10.9	10.4	10.1	9.7	9.5
FI	6.3	8.3	8.4	9.6	8.8	9.9	9.9	9.8	10.1	9.9	9.7	10.0	10.1	9.7
SE	17.3	16.6	19.1	19.4	18.8	19.2	19.2	19.1	19.5	19.0	19.2	20.2	20.9	21.7
UK	24.6	17.8	16.0	13.3	15.1	16.9	17.3	18.2	18.1	19.4	18.5	18.9	20.6	22.1
BG	13.7	17.7	14.1	8.6	7.5	7.4	6.2	5.2	5.5	4.9	4.6	5.3	5.2	5.2
RO	43.1	64.8	48.9	17.9	24.3	22.1	16.6	14.7	16.4	16.1	15.2	15.0	17.0	16.6
HR				2.0	1.7	1.7	1.8	1.7	1.8	2.1	2.2	2.5	2.5	2.8
MK											0.3	0.4	0.4	0.5
TR	5.5	5.0	7.9	8.5	8.9	9.6	8.4	8.2	9.8	7.5	7.2	8.6	9.3	9.1
IS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NO	2.6	3.0	2.6	2.7	2.8	3.0	2.9	2.9	3.0	2.9	2.7	2.6	2.8	3.1
CH	6.9	7.8	8.9	8.7	7.9	8.7	9.1	9.8	10.4	9.7	9.6	9.3	9.3	11.5

Source : Union Internationale des Chemins de Fer, European Conference of Ministers of Transport, Eurostat, national statistics

Notes: UK: data refer to Great Britain only

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

Inland Waterways

1000 mio tkm

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25	109.3	114.2	115.0	116.9	113.8	121.5	124.8	124.2	129.6	128.6	127.9	118.9	128.5	128.8
BE	6.7	5.9	5.4	5.7	5.7	5.8	6.0	6.4	7.2	7.7	8.1	8.2	8.4	8.6
CZ				<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	0.0	0.0	0.1
DK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DE	48.8	51.4	54.8	64.0	61.3	62.2	64.3	62.7	66.5	64.8	64.2	58.2	63.7	64.1
EE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
EL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FR	12.2	10.9	7.6	6.6	6.0	7.1	7.9	8.5	9.1	8.3	8.3	8.0	8.4	8.9
IE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	0.4	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1
CY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LV	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
LT	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LU	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3
HU	1.8	2.2	2.0	1.2	1.4	1.4	1.6	1.0	0.9	1.3	1.7	1.5	1.9	2.1
MT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NL	30.6	33.5	35.7	35.5	35.5	41.0	40.7	41.4	41.3	41.8	40.8	39.0	43.1	42.2
AT	1.3	1.6	1.7	2.0	2.1	2.1	2.3	2.2	2.4	2.6	2.8	2.3	1.7	1.8
PL	2.3	2.3	1.0	0.9	0.9	0.9	1.1	1.0	1.2	1.3	1.1	0.9	0.4	0.3
PT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SK				<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>
FI	2.0	1.8	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UK	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
BG	1.8	2.6	1.6	0.5	0.5	0.6	0.6	0.2	0.3	0.4	0.6	0.6	0.7	0.8
RO	1.4	2.4	2.1	3.1	3.8	4.3	4.2	2.8	2.6	2.7	3.6	3.5	7.0	8.4
HR	0.3	0.6	0.5	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
MK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NO	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CH	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0

Source : Eurostat, European Conference of Ministers of Transport, national statistics, estimates (*in italics*)

Notes:

DE: includes DE-E : 1970=2.4, 1980=2.2, 1990=1.9

CS: 1970: 2.43, 1980: 3.59, 1989: 5.10, 1990: 4.42, 1991: 3.89, 1992: 2.98

Pipelines (Oil)

1000 mio tkm

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25	77.1	111.8	98.4	105.5	110.5	110.1	117.3	117.1	119.8	125.6	121.3	123.1	124.0	125.7
BE	0.3	1.8	1.0	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.8
CZ	-	-	-	2.3	2.3	2.1	2.1	1.8	1.6	1.7	1.7	1.8	1.9	2.3
DK	-	-	2.0	3.1	3.5	3.8	3.9	4.3	4.7	4.7	5.1	5.2	5.3	5.1
DE	16.9	14.3	13.3	14.8	14.5	13.2	14.8	15.0	15.0	15.8	15.2	15.4	16.2	16.7
EE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EL	-	-	-	-	-	-	-	-	-	-	0.0	0.1	0.1	0.1
ES	1.0	3.0	4.2	5.9	6.1	6.5	6.9	7.0	7.5	7.8	7.8	7.3	8.3	8.5
FR	28.2	34.6	19.6	22.3	21.9	22.1	21.6	21.3	21.7	22.1	21.0	22.1	20.6	20.2
IE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	7.0	9.0	9.2	9.7	10.1	9.8	10.6	10.4	10.3	10.7	10.7	10.6	10.7	10.7
CY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LV	-	-	-	5.3	6.1	6.4	6.6	6.1	6.5	7.5	5.1	3.2	3.3	3.4
LT	-	-	-	2.0	2.3	2.7	3.0	2.6	3.5	4.8	4.9	5.1	4.3	4.4
LU	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HU	-	-	5.3	2.2	2.4	1.8	1.9	2.3	2.3	2.5	2.4	2.4	2.5	2.6
MT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NL	4.1	5.0	4.9	5.3	6.0	6.0	6.0	6.0	5.9	5.8	6.0	6.1	6.1	5.9
AT	3.6	7.1	6.4	6.8	7.1	8.0	8.2	7.6	7.6	8.1	8.0	7.8	7.6	7.8
PL	7.0	17.1	13.9	13.5	15.3	15.0	18.4	19.4	20.4	21.1	20.9	23.9	24.8	25.4
PT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SK	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UK	2.7	10.1	11.1	11.1	11.6	11.2	11.7	11.6	11.4	11.5	10.9	10.5	10.7	10.8
BG	0.0	0.8	0.6	0.4	0.4	0.3	0.2	0.3	0.4	0.3	0.3	0.3	0.3	0.3
RO	1.8	5.2	5.1	2.9	2.7	2.3	2.3	1.6	1.4	1.8	1.8	1.6	1.9	1.9
HR	-	-	3.6	-	-	-	-	0.4	0.9	1.3	1.6	1.3	1.5	1.5
MK	-	-	-	-	-	-	-	-	-	-	0.0	0.1	0.1	0.1
TR	1.3	13.8	-	3.2	4.0	21.0	39.7	43.5	41.3	33.9	-	-	-	-
IS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NO	-	-	2.1	5.3	5.1	4.2	4.1	4.0	3.5	3.7	3.6	3.5	3.4	3.4
CH	1.2	1.1	1.2	1.2	1.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Source : European Conference of Ministers of Transport, Eurostat, national sources, estimates (*in italics*)

Notes : Only pipelines longer than 40km are included

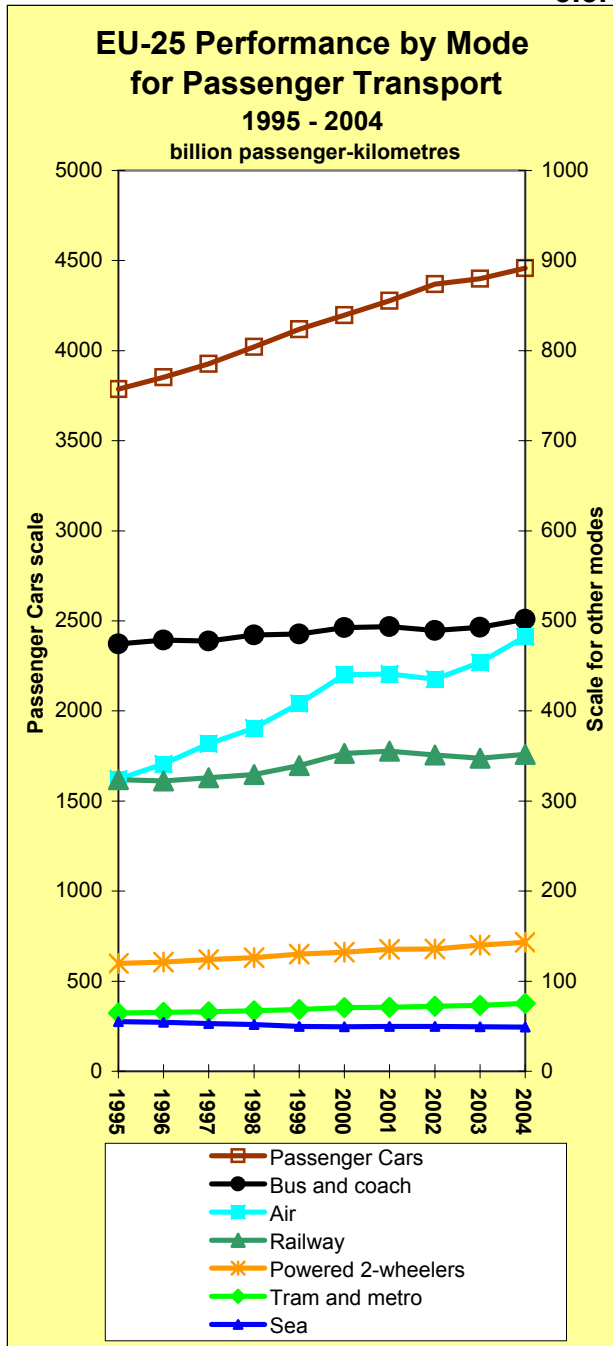
DE : transport of crude oil only

DE: includes D-E : 1970=2.2, 1980=5.0, 1990=3.3

CS: 1970: 6.4, 1980: 9.8, 1989: 8.5, 1990: 7.5, 1991: 6.2, 1992: 5.3

Chapter 3.3 : Performance of Passenger Transport expressed in passenger-kilometres

- 3.3.1 Performance by Mode (graph)
- 3.3.2 Performance by Mode and Year
- 3.3.3 Modal Split of Land Transport by Country
- 3.3.4 Passenger Cars
- 3.3.5 Buses & Coaches
- 3.3.6 Tram + Metro
- 3.3.7 Railways
- 3.3.8 Rail : High Speed Rail Transport



Source : tables 3.3.4, 3.3.5, 3.3.6, 3.3.7, estimates

EU-25 Performance by Mode

Passenger Transport

1000 mio passenger-kilometres

	Pass - enger Cars	P2W	Bus & Coach	Rail -way	Tram & Metro	Air	Sea	Total
2004	4 458	143	502	352	75	482	49	6 061
2003	4 399	140	493	347	73	454	49	5 956
2002	4 370	136	489	351	72	435	50	5 903
2001	4 277	135	493	355	71	441	50	5 823
2000	4 196	132	492	353	71	440	49	5 734
1999	4 119	130	485	339	69	408	50	5 600
1998	4 021	126	484	329	67	381	52	5 461
1997	3 927	124	478	326	66	363	53	5 337
1996	3 852	121	479	322	65	341	55	5 235
1995	3 787	120	474	324	65	324	55	5 149
1995 - 2004	17.7%	19.7%	5.8%	8.6%	16.4%	48.8%	-11.1%	17.7%
per year	1.8%	2.0%	0.6%	0.9%	1.7%	4.5%	-1.3%	1.8%
2003 - 2004	1.3%	2.2%	1.8%	1.2%	2.9%	6.3%	-0.8%	1.8%

Modal split

%

	Pass - enger Cars	P2W	Bus & Coach	Rail -way	Tram & Metro	Air	Sea
2004	73.5	2.4	8.3	5.8	1.2	8.0	0.8
2003	73.9	2.4	8.3	5.8	1.2	7.6	0.8
2002	74.0	2.3	8.3	5.9	1.2	7.4	0.8
2001	73.4	2.3	8.5	6.1	1.2	7.6	0.9
2000	73.2	2.3	8.6	6.2	1.2	7.7	0.9
1999	73.5	2.3	8.7	6.1	1.2	7.3	0.9
1998	73.6	2.3	8.9	6.0	1.2	7.0	0.9
1997	73.6	2.3	9.0	6.1	1.2	6.8	1.0
1996	73.6	2.3	9.1	6.2	1.3	6.5	1.0
1995	73.6	2.3	9.2	6.3	1.3	6.3	1.1

Source : tables 3.3.4, 3.3.5, 3.3.6, 3.3.7, estimates (*in italics*)

Notes:

Air and Sea: only domestic and intra-EU-25 transport; data under revision**P2W:** Powered 2-wheelers

EU-25 Modal Split of Land Transport by Country

Passenger Transport

Year 2004

passenger-km in %

	Passenger Cars	Buses and Coaches	Railways	Tram & Metro
EU25	82.8	9.3	6.5	1.4
BE	80.8	12.3	6.3	0.7
CZ	68.9	15.5	6.7	8.9
DK	79.6	11.1	9.0	0.2
DE	84.8	6.6	7.1	1.5
EE	77.7	20.0	1.6	0.8
EL	73.3	23.3	1.8	1.6
ES	81.7	12.3	4.7	1.3
FR	85.1	4.9	8.6	1.4
IE	75.3	19.7	4.8	0.2
IT	82.5	11.5	5.3	0.7
CY	73.8	26.2	-	-
LV	72.9	19.1	5.6	2.4
LT	86.3	12.3	1.5	-
LU	85.6	10.8	3.6	-
HU	60.1	23.6	13.2	3.1
MT	75.6	24.4	-	-
NL	84.3	6.7	8.1	0.9
AT	75.1	13.8	7.8	3.2
PL	77.4	12.8	7.9	1.9
PT	81.4	13.1	4.5	1.0
SI	90.2	5.5	4.3	-
SK	70.0	22.7	6.4	0.9
FI	84.1	10.5	4.6	0.7
SE	83.0	7.6	7.6	1.7
UK	87.2	6.2	5.5	1.1

Source : tables 3.3.4, 3.3.5, 3.3.6, 3.3.7, estimates (*in italics*)

Note:

If **powered two-wheelers** are included they account for **2.6%** of the total, while the share of the other modes becomes:

EU25	80.6	9.1	6.4	1.4
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Passenger Cars

1000 mio pkm

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
EU25	3 787.1 3 851.9 3 926.6 4 021.2 4 118.7 4 196.5 4 276.5 4 369.8 4 399.2 4 458.1													
BE	41.1	64.6	89.2	97.5	100.9	103.0	105.5	107.8	106.3	108.0	109.4	109.9	111.6	
CZ				54.5	57.9	59.0	59.7	62.4	63.9	63.5	65.3	67.4	67.6	
DK	33.3	38.5	47.6	48.7	49.4	50.3	50.8	51.9	51.2	50.3	50.4	51.0	52.2	
DE	394.6	513.7	683.1	815.3	816.1	817.1	828.1	848.4	831.3	852.6	863.0	857.8	868.9	
EE				5.9	6.3	6.7	7.1	7.5	7.7	7.9	8.1	8.8	9.6	
EL	3.8	14.5	29.0	37.0	37.0	40.0	43.0	47.0	53.0	57.0	61.0	64.0	68.0	
ES	64.3	130.9	174.4	250.4	259.0	267.6	276.2	293.5	302.6	308.0	335.9	346.0	354.9	
FR	304.7	452.5	585.6	640.1	649.1	659.5	678.6	699.6	699.6	727.6	733.5	738.6	736.9	
IE	6.0	11.5	12.5	15.5	16.5	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	
IT	211.9	324.0	522.6	614.7	627.4	638.8	662.5	663.3	726.5	717.7	711.7	711.0	716.1	
CY				2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.2	3.5	
LV				5.0	5.8	6.6	7.4	8.2	8.6	9.0	9.5	10.0	10.6	
LT				10.0	11.0	12.2	13.5	14.8	16.0	15.8	16.0	19.4	25.8	
LU	2.1	2.7	4.0	4.7	4.8	4.9	5.0	5.0	5.6	5.8	5.9	6.0	6.1	
HU			47.0	45.4	46.0	46.5	46.6	46.6	46.2	46.2	46.3	46.4	46.5	
MT				1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.6	
NL	67.1	108.1	137.3	131.4	132.7	136.5	137.1	141.3	141.1	141.6	144.2	146.1	146.4	
AT	32.9	47.8	62.4	70.8	72.4	73.7	75.2	77.0	78.1	79.2	80.7	81.5	82.1	
PL				110.7	121.6	132.0	141.1	143.0	149.7	157.7	167.4	172.4	181.5	
PT	7.5	22.5	27.5	40.9	44.0	47.2	50.4	54.4	57.7	59.6	63.1	64.7	67.0	
SI			10.0	12.2	12.9	13.5	14.0	14.3	14.6	15.0	15.2	15.5	16.0	
SK				18.0	18.0	18.6	19.3	21.5	23.9	24.1	25.0	25.2	24.3	
FI	23.7	34.8	51.2	50.0	50.4	51.9	53.3	54.9	55.7	57.0	58.3	59.6	60.9	
SE	56.1	66.7	86.4	86.8	87.1	87.2	87.8	90.2	91.9	92.8	95.4	96.3	97.0	
UK	297.0	388.0	588.0	618.0	622.0	632.0	636.0	642.0	640.0	654.0	677.0	673.0	678.0	
BG	4.5													
RO														
HR														
MK														
TR			34.3	52.7	57.5	76.9								
IS				3.0	3.2	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.3	
NO	17.8	26.3	42.7	43.7	45.2	44.9	45.8	46.1	46.8	47.9	49.4	50.5	51.0	
CH	41.8	61.8	73.3	75.5	76.8	77.1	77.9	79.0	80.6	82.0	83.9	85.3	87.1	

Source : European Conference of Ministers of Transport, Eurostat, national statistics, estimates (*in italics*)

Notes:

UK: data refer to Great Britain only

DE: incl.DE-E: 1970=24.5, 1980=56.0, 1990=90.3

Buses & Coaches

1000 mio pkm

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
EU25				474.4	478.7	477.6	484.5	485.3	492.4	493.4	489.3	492.7	501.8
BE	9.3	9.1	10.9	13.1	13.2	13.3	13.7	13.5	13.3	13.5	14.5	16.2	17.0
CZ				18.6	16.6	15.6	15.4	15.4	16.2	17.5	16.5	16.4	15.2
DK	4.6	4.6	6.4	7.3	7.7	7.6	7.5	7.4	7.4	7.3	7.3	7.3	7.3
DE	67.7	90.0	73.1	68.5	68.3	68.0	68.2	68.0	69.0	68.7	67.5	67.5	67.8
EE	2.6	3.7	4.5	2.0	2.1	2.2	2.3	2.2	2.6	2.5	2.3	2.3	2.5
EL	9.4	15.6	17.7	20.2	20.4	20.7	21.2	21.5	21.7	21.8	22.0	22.0	21.6
ES	20.9	28.1	33.4	39.6	44.0	44.0	49.4	50.0	50.3	51.7	50.1	49.2	53.5
FR	25.2	38.0	41.3	41.6	42.4	42.4	41.8	40.9	42.4	40.6	40.7	41.1	42.5
IE	3.3	4.5	3.9	5.2	5.3	5.5	5.7	5.9	6.1	6.3	6.4	6.5	6.6
IT	32.0	57.8	84.0	87.1	88.7	90.0	90.6	92.2	93.6	95.6	97.1	98.3	99.8
CY				1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.2
LV	3.3	4.6	5.9	1.8	1.6	1.7	1.9	2.4	2.3	2.3	2.4	2.6	2.8
LT			7.9	4.2	3.6	3.2	3.0	2.7	2.8	2.8	3.0	3.0	3.7
LU	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8
HU			19.3	16.6	16.6	16.6	17.2	17.8	18.7	18.6	18.9	18.7	18.2
MT				0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NL	9.5	11.2	13.0	12.0	11.9	12.0	11.7	11.3	11.3	11.4	10.8	11.3	11.6
AT	9.1	9.8	14.2	14.8	14.8	14.8	14.5	14.7	14.8	14.8	14.8	14.9	15.1
PL	29.1	49.2	46.3	34.0	34.0	33.1	34.0	33.3	31.7	31.0	29.3	30.0	30.1
PT	4.4	7.6	10.3	11.3	11.1	11.6	11.6	11.5	11.8	11.2	9.9	10.5	10.8
SI			6.4	2.5	2.4	2.2	2.1	1.9	1.6	1.5	1.1	1.1	1.0
SK				11.2	11.1	10.0	8.8	7.8	8.4	8.3	8.2	7.8	7.9
FI	7.5	8.5	8.5	8.0	8.0	8.0	7.8	7.6	7.7	7.7	7.7	7.7	7.6
SE	5.5	7.3	8.0	8.5	8.7	8.9	9.1	9.3	9.5	9.2	9.3	9.1	8.9
UK	60.2	52.2	46.2	44.3	44.2	44.2	45.0	46.0	47.0	47.0	47.0	47.0	48.0
BG			26.0	11.6	10.6	11.9	12.8	13.5	13.9	14.5	16.0	13.0	11.1
RO	8.2	24.9	24.0	12.3	12.8	13.5	9.0	8.3	7.7	7.1	8.3	9.4	9.4
HR	3.3	7.1	7.0	4.1	4.3	4.5	4.0	3.4	3.3	3.5	3.6	3.7	3.4
MK													
TR				85.7	91.7	95.4	94.9	91.3	87.4	76.8			
IS				0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6
NO	3.7	4.3	3.9	3.8	4.1	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.2
CH	1.9	2.5	3.3	3.2	3.1	3.1	3.1	3.1	3.2	3.3	3.3	3.4	3.4

Source : Eurostat, European Conference of Ministers of Transport, national statistics, study for Energy and Transport DG, estimates (*in italics*)

Notes:

PL, SK: data include only inter-urban traffic

CH: public transport only

UK: data refer to Great Britain only

DE: includes D-E : 1970=19.1, 1980=24.4, 1990=16.5

CS: 1970: 21.4, 1980: 33.8, 1990: 43.4, 1991: 43.1, 1992: 35.0

Tram & Metro

1000 mio pkm

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
EU25				64.6	65.5	66.2	67.1	68.7	70.6	71.2	72.1	73.1	75.2
BE	0.9	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
CZ				7.7	7.8	7.9	7.9	8.2	8.1	8.2	8.3	8.6	8.7
DK	-	-	-	-	-	-	-	-	-	-	0.0	0.1	0.1
DE	14.6	13.8	15.1	14.4	14.5	14.5	14.4	14.5	14.6	14.7	14.7	14.8	15.0
EE				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EL	0.6	0.7	0.8	0.7	0.7	0.8	0.8	0.8	1.2	1.3	1.4	1.4	1.5
ES	3.7	3.9	4.4	4.3	4.5	4.6	4.8	5.1	5.2	5.3	5.5	5.6	5.8
FR	6.5	7.7	10.2	9.0	9.5	9.7	10.0	10.4	10.8	10.9	11.1	11.4	12.3
IE	-	-	-	-	-	-	-	-	-	-	-	-	0.1
IT	2.2	3.7	4.2	5.3	5.3	5.3	5.3	5.2	5.6	5.6	5.9	6.1	6.1
CY	-	-	-	-	-	-	-	-	-	-	-	-	-
LV				0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
LT	-	-	-	-	-	-	-	-	-	-	-	-	-
LU	-	-	-	-	-	-	-	-	-	-	-	-	-
HU				2.5	2.5	2.5	2.6	2.5	2.6	2.6	2.5	2.5	2.4
MT	-	-	-	-	-	-	-	-	-	-	-	-	-
NL	1.2	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
AT	1.5	1.7	2.5	3.0	3.2	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5
PL				5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.5	4.5
PT	0.9	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.8	0.8
SI	-	-	-	-	-	-	-	-	-	-	-	-	-
SK				0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
FI	0.1	0.1	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
SE	1.4	2.0	2.0	1.9	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
UK	5.2	4.3	6.5	6.8	6.6	7.0	7.3	7.8	8.3	8.3	8.3	8.3	8.6
BG													
RO													
HR													
MK	-	-	-	-	-	-	-	-	-	-	-	-	-
TR													
IS	-	-	-	-	-	-	-	-	-	-	-	-	-
NO													
CH													

Source : International Union of Public Transport, national statistics, study for Energy and Transport DG, estimates (*in italics*)

Note:

FR: Paris Metro and RER (Réseau Express Régional), metros in other French cities

DE: includes DE-E: 1970=4.83, 1975=5.06, 1980=5.34, 1985=7.07, 1990=6.50

Railways

1000 mio pkm

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25	302.4	335.7	381.9	323.8	322.4	325.8	329.4	339.2	352.8	355.3	351.0	347.5	351.7	359.0
BE	8.3	7.0	6.5	6.8	6.8	7.0	7.1	7.4	7.7	8.0	8.3	8.3	8.7	9.2
CZ			13.3	8.0	8.1	7.7	7.0	6.9	7.3	7.3	6.6	6.5	6.6	6.7
DK	3.9	3.8	5.1	4.9	4.8	5.2	5.4	5.3	5.5	5.7	5.7	5.8	5.9	6.0
DE	62.4	62.5	61.0	71.0	71.7	72.4	72.7	73.8	75.4	75.8	70.8	71.3	72.6	74.9
EE	1.2	1.6	1.5	0.4	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
EL	2.0	1.5	2.0	1.6	1.8	1.9	1.6	1.6	1.9	1.7	1.8	1.6	1.7	1.9
ES	14.0	13.5	15.5	16.6	16.9	17.8	18.7	19.7	20.1	20.8	21.2	21.1	20.3	21.2
FR	41.0	54.5	63.7	55.6	59.8	61.8	64.5	66.2	69.9	71.5	73.5	71.7	74.3	76.5
IE	0.6	1.0	1.2	1.3	1.3	1.4	1.4	1.5	1.4	1.5	1.6	1.6	1.6	1.8
IT	32.5	39.6	44.7	43.9	44.8	43.6	41.4	43.4	47.1	46.8	46.0	45.2	45.6	46.1
CY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LV	3.7	4.7	5.4	1.4	1.1	1.2	1.1	1.0	0.7	0.7	0.7	0.8	0.8	0.9
LT	2.1	3.3	3.6	1.1	1.0	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4
LU	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
HU	16.4	13.5	11.4	8.4	8.6	8.7	8.9	9.5	9.7	10.0	10.5	10.3	10.2	9.9
MT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NL	8.0	8.9	11.1	16.4	14.1	13.9	14.1	14.3	14.7	14.4	14.3	13.8	14.1	14.7
AT	6.4	7.6	9.0	9.8	9.8	8.5	8.3	8.2	8.4	8.6	8.6	8.6	8.5	8.8
PL	36.9	46.3	50.4	26.6	19.8	19.9	20.6	21.5	24.1	22.5	20.7	19.6	18.4	17.9
PT	3.5	6.1	5.7	4.8	4.5	4.6	4.6	4.3	4.0	4.0	3.9	3.8	3.7	3.7
SI	1.4	1.4	1.4	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8
SK			6.4	4.2	3.8	3.1	3.1	3.0	2.9	2.8	2.7	2.3	2.2	2.2
FI	2.2	3.2	3.3	3.2	3.3	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.4	3.5
SE	4.6	7.0	6.6	6.8	7.0	7.0	7.2	7.7	8.2	8.7	9.0	9.1	8.9	8.9
UK	30.6	30.5	33.4	30.3	32.3	34.9	36.5	38.7	38.4	39.4	39.9	41.2	42.6	42.8
BG	6.2	7.1	7.8	4.7	5.1	5.9	4.7	3.8	3.5	3.0	2.6	2.5	2.4	2.4
RO	17.8	23.2	30.6	18.9	18.4	15.8	13.4	12.3	11.6	11.0	8.5	8.5	8.6	8.0
HR	3.7	3.6	3.4	0.9	1.0	1.0	0.9	0.9	1.0	1.2	1.2	1.2	1.2	1.3
MK											0.1	0.1	0.1	0.1
TR	5.6	6.0	6.4	5.8	5.2	5.8	6.2	6.1	5.8	5.6	5.2	5.9	5.2	5.0
IS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NO	1.9	2.4	2.1	2.4	2.4	2.6	2.6	2.7	2.6	2.7	2.5	2.4	2.6	2.7
CH	9.3	10.0	12.7	11.7	11.9	12.1	12.2	12.5	12.6	13.3	14.1	14.5	14.9	15.5

Source : Union Internationale des Chemins de Fer, European Conference of Ministers of Transport, Eurostat, national statistics, estimates (*in italics*)

Notes:

DE: includes DE-E: 1970=17.7, 1980=22.0, 1990=17.5

CS: 1970: 20.5, 1980: 18.0, 1989: 19.7, 1990:19.4, 1992: 16.6

Rail High Speed Rail Transport

1000 mio pkm

	BE	DE	ES	FR	IT	NL	FI	SE	UK	EU25
2004	0.94	19.60	2.75	41.44	7.93	0.66	0.16	2.42	0.44	76.3
2003	0.88	17.46	2.53	39.60	7.43	0.20	0.20	2.40		70.7
2002	0.91	15.26	2.51	39.86	7.08	0.20	0.14	2.30		68.2
2001	0.89	15.52	2.41	37.40	6.76	0.19	0.06	2.23		65.5
2000	0.87	13.93	2.21	34.75	5.09	0.11	0.07	2.05		59.1
1999	0.80	11.59	1.67	32.19	4.46	0.10	0.05	1.81		52.7
1998	0.79	10.16	1.52	30.62	3.64	0.09	0.06	1.61		48.5
1997	0.56	10.07	1.30	27.60	2.40	0.07	0.05	1.33		43.4
1996	0.32	8.85	1.10	24.79	1.30	0.03	0.02	1.10		37.5
1995	-	8.70	1.20	21.43	1.10	-	-	0.42		32.8
1994	-	8.20	0.90	20.50	0.80	-	-	0.31		30.7
1993	-	7.00	0.90	18.90	0.50	-	-	0.27	-	27.6
1992	-	5.20	0.40	19.00	0.40	-	-	0.15	-	25.2
1991	-	2.00	-	17.90	0.40	-	-	0.09	-	20.4
1990	-	-	-	14.90	0.30	-	-	0.01	-	15.2

Source : Union Internationale des Chemins de Fer

Share of high speed rail transport in total passenger- kilometres in rail transport

%

	BE	DE	ES	FR	IT	NL	FI	SE	UK	EU25
2004	10.8	27.0	13.5	55.8	17.4	4.7	4.8	27.2	1.0	21.7
2003	10.6	24.5	12.0	55.2	16.4	1.5	6.0	26.5		20.3
2002	11.0	21.5	11.8	54.2	15.4	1.4	4.1	25.6		19.4
2001	11.1	20.5	11.6	52.3	14.5	1.3	1.8	25.5		18.4
2000	11.2	18.5	11.0	49.7	10.8	0.8	2.1	24.8		16.7

Source : table 3.3.7

Chapter 3.4 : Performance of Freight and Passenger Transport using other indicators

- 3.4.1 Air: Passenger Traffic Between Member States (including domestic flights)
- 3.4.2 Air : Major Regular European Airlines (rpk)
- 3.4.3a Air : Passenger Traffic at Major EU Airports
- 3.4.3b Air : Passenger Traffic at Selected Other Airports by Country
- 3.4.4a Air : Freight Traffic at Major EU Airports
- 3.4.4b Air : Freight Traffic at Selected Other Airports by Country
- 3.4.5a Air : Movements of Aircraft at Major EU Airports
- 3.4.5b Air : Movements of Aircraft at Selected Other Airports by Country
- 3.4.6 Sea : Inwards and Outwards Flow of Passengers by Country
- 3.4.7 Sea: Passenger Traffic at Major EU Seaports; Channel Tunnel
- 3.4.8a Sea: Freight Traffic at Major EU Seaports
- 3.4.8b Sea: Freight Traffic at Selected Other Seaports by Country
- 3.4.9 Sea: Container Traffic at Major EU Seaports
- 3.4.10 Combined Transport: Traffic by Company
- 3.4.11 Alps Crossing Freight Traffic: Rail and Road
- 3.4.12 Pyrenees Crossing Traffic: Rail and Road
- 3.4.13 USA: Performance by Mode of Transport : Freight
- 3.4.14 USA: Performance by Mode of Transport : Passengers

Air: Passenger traffic between Member States, including domestic flights

3.4.1

2005

thousand passengers

Partner Declarer	BE	CZ	DK	DE	EE	EL	ES	FR	IE	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	SI	SK	FI	SE	UK	Total of declarer
BE	5.9	197.6	433.1	1 091.4	20.6	753.1	3 031.9	901.5	440.8	2 049.7	55.6	29.6	26.6	1.1	211.9	73.5	234.6	329.9	196.5	553.7	35.7	28.3	208.2	414.2	1 613.0	13 306.8
CZ	200.4	296.9	210.4	1 012.1	74.8	577.1	564.2	669.5	256.6	537.2	76.7	74.6	79.6	15.9	168.7	10.1	342.3	165.5	147.1	30.8	26.4	205.5	130.1	126.8	2 349.3	7 520.7
DK	438.1	210.0	1 706.2	1 796.1	125.5	575.3	1 602.3	1 239.8	193.7	778.4	58.5	119.6	177.6	54.4	172.5	43.3	849.9	356.6	333.4	229.7	14.3	14.5	785.2	1 883.1	2 283.6	14 740.3
DE	1 105.6	994.3	1 781.0	22 755.1	213.9	4 712.6	20 603.7	6 081.9	1 199.6	9 236.1	419.3	364.4	185.0	209.4	1 518.2	377.2	2 510.0	4 551.5	1 884.9	2 015.8	253.7	108.2	1 191.8	1 950.0	10 858.3	88 765.5
EE	20.8	74.7	125.7	214.6	21.1	18.8	23.5	21.1	23.5	23.7		27.3	35.7			0.2	52.6	8.0	16.8	2.6		0.8	168.9	146.4	186.8	758.9
EL	786.1	552.8	575.2	4 797.5	18.7	5 756.4	337.3	1 507.7	138.8	2 028.5	1 089.6	13.7	13.6	67.2	261.9	21.4	1 270.3	890.9	357.7	10.6	75.3	124.2	276.7	596.0	5 586.4	25 821.4
ES	3 166.0	553.3	1 600.1	20 493.3	22.9	318.0	38 959.7	6 255.8	2 709.8	7 402.3	7.1	17.8	20.8	233.7	212.8	32.4	4 149.7	907.3	277.4	2 091.6	5.4	45.6	793.2	1 690.1	34 493.8	115 960.2
FR	857.9	638.0	1 193.4	6 097.2	20.7	1 483.4	6 233.3	26 660.7	1 439.7	6 359.5	145.7	18.0	22.2	168.2	504.1	157.5	1 981.2	748.8	627.1	1 782.0	95.1	116.8	364.7	944.3	10 995.4	67 375.0
IE	443.9	258.1	194.6	1 208.6	23.3	139.3	2 757.9	1 450.6	1 062.2	806.3	73.8	56.0	95.3	0.1	159.2	27.0	722.1	145.5	154.1	414.3	8.2	5.8	39.5	95.4	11 768.3	19 197.0
IT	2 066.9	541.8	778.8	9 110.5	23.9	2 012.5	7 420.0	6 473.2	794.8	25 298.3	73.0	45.9	22.7	108.5	542.2	372.9	2 429.7	785.4	639.7	713.3	3.8	132.7	255.5	545.2	10 664.9	66 262.1
CY	57.4	77.1	59.9	426.6	0.1	1 162.1	7.5	152.9	73.7	76.7	86.0	2.9	2.1	0.0	63.6	19.2	122.0	123.8	45.7	1.8	2.4	15.8	59.2	166.8	3 009.2	5 220.4
LV	30.0	74.5	120.0	366.6	27.4	13.6	20.9	18.1	56.5	46.0	2.9	0.5	19.8	0.0	0.0	0.4	104.4	46.0	24.3	0.2	0.1	0.4	165.2	142.3	309.8	687.8
LT	27.0	79.0	177.5	185.0	37.5	13.4	22.4	22.1	94.7	21.6	2.1	21.3	18.3	0.0	0.0		88.5	35.5	54.5		0.0	0.1	66.0	26.9	219.4	781.8
LU	0.4	16.0	37.2	206.7	0.0	55.2	240.3	178.2	0.1	105.6	0.0	0.0	0.0		10.7	6.7	72.5	45.9	7.5	139.3	0.0	0.2	0.0	0.0	190.5	1 333.0
HU	222.4	174.2	173.0	1 496.3	0.0	276.5	229.7	485.5	158.3	535.8	62.2	0.0	0.0	10.6	1.9	19.5	348.7	87.7	127.3	22.5	17.9	0.5	175.1	208.2	1 119.3	4 491.0
MT	73.5	10.1	42.6	376.5	0.2	21.2	33.6	157.4	26.8	371.8	19.0	0.4		6.8	19.4	8.2	78.1	63.0	6.2	4.1	5.3	0.2	14.2	47.0	1 074.6	2 496.2
NL	234.8	342.0	836.9	2 500.9	51.2	1 301.1	4 224.5	2 033.8	716.6	2 417.6	121.3	102.5	89.0	73.0	345.3	74.8	94.2	476.8	313.6	903.9	14.6	48.4	400.0	865.4	7 895.0	25 410.0
AT	333.7	164.9	356.9	4 533.5	7.9	927.9	915.5	739.9	145.1	792.6	132.9	45.8	35.5	51.5	88.9	63.0	474.1	609.5	215.7	69.2	69.5	27.3	158.7	237.8	1 783.0	12 042.0
PL	197.5	117.2	161.1	794.0	16.8	202.5	230.4	469.8	134.7	393.2	45.7	24.1	54.5	7.6	92.8	5.2	289.2	160.9	890.9	28.6	2.1	16.3	88.0	139.7	913.4	6 112.3
PT	556.3	29.7	199.9	2 043.2	2.6	10.0	2 119.6	1 825.6	414.1	747.5	1.8	0.2		133.7	23.0	4.1	926.8	66.4	28.6	2 996.2	0.1	1.9	99.0	150.9	4 540.2	15 366.2
SI	36.3	26.2	15.0	255.7	0.0	76.0	5.4	93.6	7.6	3.9	2.4	0.1	0.0	0.2	18.3	6.2	15.0	65.7	2.3	0.2	0.2	0.1	0.4	0.3	156.7	600.6
SK	28.2	194.3	14.3	103.2	0.3	115.2	46.6	120.9	5.6	125.3	9.7	0.3	0.0	0.1	0.3		50.0	27.6	15.5	2.1	0.0	127.6		0.0	265.8	657.7
FI	207.0	130.2	783.3	1 186.6	169.8	268.5	802.3	362.6	40.5	254.4	57.6	164.5	66.5	0.1	161.5	14.0	398.3	159.4	87.7	95.1	0.3	0.0	2 831.3	1 286.1	742.8	10 073.1
SE	320.5	127.0	1 800.6	1 450.8	149.4	598.1	1 607.0	735.3	73.9	319.5	166.0	60.5	27.0	0.2	167.2	47.1	826.1	236.1	104.5	140.9	0.3	0.0	1 360.4	7 300.3	1 386.7	20 106.7
UK	1 714.4	2 354.2	2 287.6	10 915.6		5 599.5	34 563.7	11 554.7	11 740.2	10 787.1	2 989.7	21.6	33.3	190.8	1 119.1	1 079.9	7 887.6	1 795.4	1 846.7	4 531.5	156.9	283.7	755.2	2 365.2	27 083.6	133 940.0

Source: Eurostat

Air : Major Regular European Airlines International + Domestic

1000 million pkm

Airline		1980	1990	2000	2001	2002	2003	2004	2005	change 05/04
Deutsche Lufthansa	DE	21.1	42.0	94.3	91.5	93.6	96.6	109.5	112.8	+3.0
Air France	FR	25.4	36.8	91.8	95.8	98.5	99.1	107.3	115.9	+8.0
British Airways	UK	16.1	67.0	119.4	104.0	99.1	100.4	106.5	110.9	+4.2
KLM Royal Dutch Airlines	NL	14.1	26.4	60.3	57.5	59.2	56.5	63.1	68.3	+8.3
Iberia	ES	14.9	22.1	40.0	41.3	40.5	42.0	45.8	48.9	+6.9
Alitalia	IT	12.9	23.4	40.8	36.3	29.6	31.3	34.4	37.2	+8.4
Virgin Atlantic Airways	UK	-	-	29.5	28.4	27.2	26.9	30.2	32.1	+6.3
SAS Scandinavian	DK/NO/SE	7.5	16.7	22.9	23.3	24.2	23.0	24.1	27.7	+15.3
Easyjet	UK	-	-	4.7	5.9	9.2	17.7	21.6	26.2	+21.6
SWISS (Crossair)	CH			3.5	3.8	21.8	24.2	20.6	20.5	-0.6
Ryanair	IE	-	0.4	5.0	7.3	10.9	16.8	20.1	25.2	+25.5
Austrian Airlines	AT	1.1	2.8	8.8	8.1	13.8	14.5	17.5	18.8	+7.5
THY Turkish Airlines	TR		5.8	17.4	15.7	15.7	15.0	17.4	20.5	+17.7
Air Berlin	DE			7.8	10.6	12.7	15.8	17.3	19.4	+12.4
TAP Portugal	PT	3.4	6.9	10.4	10.3	11.3	12.0	13.2	14.5	+10.1
Finnair	FI	2.1	9.3	7.5	7.9	8.5	8.7	10.5	11.2	+6.7
Aer Lingus	IE	2.0	4.6	8.9	9.7	8.7	10.2	11.3	13.1	+15.6
Olympic Airlines	EL	5.1	7.8	8.9	8.4	7.5	6.1	6.8	7.3	+8.1
LOT Polish Airlines	PL		4.2	5.7	6.0	5.2	5.4	5.9	6.2	+6.2
CSA Czech Airlines	CZ		2.3	3.6	4.0	3.8	4.8	5.7	6.4	+12.0
bmi British Midland Airways	UK		2.0	4.5	5.0	4.6	4.3	5.4	5.6	+3.3
Spanair	ES	-		9.7	10.4	4.3	4.6	5.1	6.2	+21.2
SN Brussels Airlines	BE	-	-	2.3	2.1	2.6	4.0	4.6	4.6	+0.1
Icelandair	IS		1.8	4.1	4.0	3.2	3.0	3.7	4.3	+16.3
Malev Hungarian Airlines	HU		1.6	3.6	3.5	3.1	3.3	3.5	3.7	+6.3
Cyprus Airways	CY		2.4	2.8	3.0	3.3	3.4	3.4	3.2	-6.8
Virgin Express	BE	-	-	2.5	2.2	2.8	3.3	2.7		
Air Malta	MT		1.8	2.9	2.9	2.3	2.2	2.6	2.3	-11.8
Meridiana	IT	-	-	2.4	2.1	2.2	2.6	2.4		
TAROM Romanian Air Transport	RO			2.2	2.0	1.6	1.5	1.3	1.4	+9.0
Croatia Airlines	HR	-	-	0.6	0.7	0.8	0.9	0.9	1.0	+3.5
Adria Airways	SI		1.6	0.9	0.8	0.7	0.7	0.7	0.7	-0.6
Luxair	LU			1.0	1.1	0.6	0.5	0.6	0.6	-1.3

Source : Association of European Airlines, International Air Transport Association, air companies

Notes: Scheduled and non-scheduled flights

Air : Passenger Traffic at Major EU Airports
Passengers carried arriving and departing and in transit (counted once)

million passengers

Airport		2000	2001	2002	2003	2004	2005	change 05/04 %
LONDON / HEATHROW	UK	64.29	60.45	63.04	63.21	67.11	67.68	+0.9
PARIS / CHARLES-DE-GAULLE	FR		47.92	48.26	48.01	50.95	53.38	+4.8
FRANKFURT / MAIN	DE	48.96	48.20	48.08	48.02	50.70	51.79	+2.1
AMSTERDAM / SCHIPHOL	NL	39.27	39.31	40.59	39.81	42.42	44.08	+3.9
MADRID / BARAJAS	ES	32.71	33.87	33.70	35.37	38.15	41.72	+9.4
LONDON / GATWICK	UK	31.95	31.10	29.51	29.89	31.39	32.69	+4.1
MÜNCHEN	DE	22.87	23.41	22.88	23.95	26.60	28.45	+6.9
ROMA / FIUMICINO	IT		24.33	24.20	25.47	27.16	27.78	+2.3
BARCELONA	ES	19.44	20.54	21.16	22.49	24.35	27.02	+10.9
PARIS / ORLY	FR		22.99	23.14	22.45	24.05	24.85	+3.3
MANCHESTER INTERNATIONAL	UK	18.32	19.07	18.61	19.52	20.97	22.08	+5.3
LONDON / STANSTED	UK	11.86	13.65	16.04	18.71	20.91	21.99	+5.2
PALMA DE MALLORCA	ES	19.25	19.12	17.76	19.11	20.36	21.22	+4.2
KOBENHAVN / KASTRUP	DK					18.89	19.82	+4.9
MILANO / MALPENSA	IT		18.46	17.33	17.48	18.42	19.49	+5.8
DUBLIN	IE	13.66	14.13	14.84		17.03	18.33	+7.6
STOCKHOLM / ARLANDA	SE					16.25	17.16	+5.6
BRUXELLES / NATIONAL	BE	21.60		13.55	15.10	15.45	15.95	+3.3
WIEN / SCHWECHAT	AT	5.92	5.89	11.91	12.71	14.71	15.80	+7.4
DÜSSELDORF	DE	15.91	15.29	14.59	14.13	15.09	15.39	+2.0
ATHENS	EL	13.35			12.23	13.66	14.27	+4.5
MALAGA	ES	9.36	9.83	10.30	11.41	11.93	12.61	+5.7
BERLIN / TEGEL	DE	10.24	9.83	9.80	11.03	10.98	11.47	+4.5
LISBOA	PT	9.21	9.21	9.27	9.50	10.39	11.24	+8.1
HELSINKI / VANTAA	FI	10.00	10.02	9.61	9.71	10.73	11.13	+3.7
PRAHA / RUZYNE	CZ			6.29	7.43	9.57	10.72	+12.0
HAMBURG	DE	9.82	9.37	8.79	9.37	9.76	10.57	+8.3
NICE / COTE D'AZUR	FR	9.33	8.95	9.18	9.12	9.33	9.74	+4.4
LAS PALMAS / GRAN CANARIA	ES	9.12	9.09	8.77	8.94	9.22	9.69	+5.1
KÖLN / BONN	DE	6.19	5.63	5.29	7.68	8.25	9.39	+13.8
BIRMINGHAM	UK	7.49	7.71	7.92	8.92	8.80	9.31	+5.9
STUTTGART	DE	7.98	7.52	7.10	7.42	8.65	9.25	+6.9
LONDON / LUTON	UK	6.16	6.54	6.47	6.79	7.52	9.13	+21.5
MILANO / LINATE	IT		7.13	7.79	8.73	8.94	9.09	+1.6
ALICANTE	ES	5.98	6.51	6.97	8.16	8.53	8.93	+4.7
TENERIFE SUR / REINA SOFIA	ES	8.72	8.99	8.81	8.66	8.37	8.78	+4.9
GLASGOW	UK	6.81	7.24	7.77	8.12	8.56	8.78	+2.5
EDINBURGH	UK	5.37	6.03	6.91	7.48	7.99	8.45	+5.7
BUDAPEST / FERIHEGY	HU			4.47	5.01	6.44	8.05	+24.9
WARSZAWA / OKECIE	PL					6.09	7.08	+16.2
LYON / SAINT EXUPÉRY	FR	5.92	6.05	5.72	5.86	6.12	6.46	+5.5

Source: Eurostat

3.4.3b

Air : Passenger Traffic at Selected Other Airports by Country

Passengers carried arriving and departing and in transit (counted once)

thousand passengers

Co unt ry	Airport	2000	2001	2002	2003	2004	2005	change 05/04 %
BE	CHARLEROI / BRUSSELS SOUTH					2 023	1 863	-7.9
CZ	TURANY			132	146	148	276	+86.3
CZ	OSTRAVA / MOSNOV			138	159	196	232	+18.6
DK	BILLUND					1 772	1 973	+11.3
DK	AALBORG					645	680	+5.4
DK	AARHUS / TIRSTRUP					519	532	+2.4
DE	HANNOVER	5 389	5 032	4 584	4 905	5 123	5 535	+8.0
DE	BERLIN / SCHÖNEFELD	2 091	1 782	1 580	1 648	3 294	5 003	+51.9
DE	NÜRNBERG	3 053	3 164	3 111	3 213	3 549	3 883	+9.4
DE	HAHN			1	2 332	2 738	2 998	+9.5
DE	LEIPZIG / HALLE	2 158	2 073	1 824	1 837	1 922	2 034	+5.8
DE	DRESDEN	1 689	1 592	1 439	1 497	1 569	1 740	+10.9
DE	BREMEN	1 887	1 796	1 651	1 601	1 637	1 710	+4.4
DE	DORTMUND / WICKEDE			339	227	1 103	1 688	+53.0
DE	MÜNSTER / OSNABRÜCK	1 667	1 536	1 403	1 441	1 396	1 480	+6.0
DE	PADERBORN / LIPPSTADT			269	262	1 258	1 283	+2.0
EE	TALLINN / ULEMISTE					991	1 393	+40.6
EL	IRAKLEION	5 151			4 834	4 713	4 933	+4.7
EL	THESSALONIKI	3 547			3 162	3 621	3 671	+1.4
EL	RODOS	3 407			2 844	3 037	3 208	+5.6
EL	KERKYRA	2 237			2 045	1 923	1 982	+3.1
EL	CHANIA	1 417			1 480	1 446	1 513	+4.6
EL	KOS	1 595			1 463	1 505	1 463	-2.8
EL	ZAKYNTHOS	919			893	1 012	980	-3.2
EL	SANTORINI				504	548	611	+11.5
ES	ARRECIFE / LANZAROTE	4 784	4 869	4 947	5 207	5 313	5 725	+7.8
ES	VALENCIA	2 240	2 250	2 122	2 415	3 095	4 829	+56.0
ES	IBIZA	4 438	4 388	4 042	4 100	4 113	4 416	+7.4
ES	PUERTO DEL ROSARIO / FUERTE.	3 349	3 531	3 560	3 832	3 814	4 176	+9.5
ES	BILBAO	2 529	2 460	2 446	2 833	3 386	4 114	+21.5
ES	TENERIFE NORTE	2 396	2 499	2 485	2 908	3 365	4 049	+20.3
ES	SEVILLA	2 044	2 156	2 007	2 240	2 641	3 773	+42.8
ES	GIRONA / COSTA BRAVA	631	601	532	1 426	2 942	3 515	+19.5
ES	MENORCA / MAHON	2 758	2 805	2 697	2 682	2 605	2 709	+4.0
ES	SANTIAGO	1 288	1 253	1 211	1 346	1 543	1 994	+29.2
ES	MURCIA / SAN JAVIER	150	214	309	545	839	1 423	+69.6
ES	REUS	720	734	744	833	1 127	1 396	+23.9
ES	AVILES / ASTURIAS	813	811	766	829	936	1 278	+36.5
ES	JEREZ	671	752	709	798	1 055	1 237	+17.3
ES	VIGO	727	790	778	833	908	1 143	+25.8
FR	TOULOUSE / BLAGNAC	5 230	5 173	5 289	5 258	5 563	5 747	+3.3
FR	MARSEILLE / PROVENCE	6 329	5 832	5 361	5 234	5 605	5 700	+1.7
FR	BORDEAUX / MERIGNAC	2 999	3 030	2 905	2 802	2 897	3 062	+5.7
FR	NANTES / CHATEAU BOUGON	1 868	1 909	1 804	1 807	1 864	2 072	+11.1
FR	STRASBOURG INTERNATIONAL	1 998	2 082	1 994	2 038	1 919	1 923	+0.2
FR	BEAUVAIS / TILLE	377	412	675	969	1 428	1 850	+29.6
FR	POINTE-A-PITRE / GUADELOUPE	1 958	1 807	1 719	1 657	1 735	1 722	-0.8
FR	SAINT-DENIS / ILE DE LA REUNION	1 463	1 421	1 439	1 465	1 590	1 544	-2.9
FR	FORT DE FRANCE / MARTINIQUE	1 618	1 519	1 435	1 442	1 504	1 516	+0.8
FR	MONTPELLIER / MEDITERRANEE	1 724	1 536	1 560	1 565	1 326	1 304	-1.6

Source: Eurostat

Air : Passenger Traffic at Selected Other Airports by Country

Passengers carried arriving and departing and in transit (counted once)

thousand passengers

Co unt ry	Airport	2000	2001	2002	2003	2004	2005	change 05/04 %
IE	CORK	1 571	1 724	1 852		2 232	2 706	+21.2
IE	SHANNON	1 913	1 910	1 931		1 938	2 623	+35.4
IT	VENEZIA / TESSERA		4 117	4 157	5 244	5 795	5 756	-0.7
IT	CATANIA / FONTANAROSSA		3 905	4 061	4 778	5 071	5 170	+1.9
IT	NAPOLI / CAPODICHINO		3 959	4 141	4 598	4 608	4 552	-1.2
IT	BERGAMO / ORIO AL SERIO			1 233	2 804	3 288	4 291	+30.5
IT	ROMA / CIAMPINO		676	917	1 724	2 518	4 214	+67.4
IT	PALERMO / PUNTA RAISI		3 177	3 514	3 632	3 759	3 809	+1.4
IT	BOLOGNA / BORGOPANIGALE			3 384	3 527	2 863	3 635	+26.9
IT	TORINO / CASELLE		2 780	2 779	2 804	3 113	3 131	+0.6
IT	VERONA / VALERIO CATULLO		2 129	2 133	2 373	2 612	2 581	-1.2
IT	CAGLIARI / ELMAS		1 901	2 149	2 300	2 272	2 342	+3.1
IT	PISA (MILITARY)				1 419	2 003	2 204	+10.0
IT	FIRENZE		1 481	1 377	1 382	1 488	1 686	+13.3
IT	BARI / PALESE MACCHIE			1 252	1 438	1 741	1 624	-6.7
IT	OLBIA / COSTA SMERALDA			1 360	1 524	1 523	1 606	+5.4
IT	TREVISIO / SAN ANGELO			530	677	884	1 288	+45.7
CY	LARNAKA		5 001		4 500	4 742	5 001	+5.5
CY	PAPHOS INTERNATIONAL		1 539		1 578	1 680	1 781	+6.0
LV	RIGA					1 056	1 872	+77.3
LT	VILNIUS INTL				722	994	1 279	+28.6
LU	LUXEMBOURG					1 509	1 538	+1.9
MT	MALTA / LUQA		2 836	2 640	2 648	2 790	2 762	-1.0
NL	ROTTERDAM	707	755	620	625	1 105	1 021	-7.7
NL	EINDHOVEN	348	288	372	432	714	980	+37.4
AT	SALZBURG	596	613	1 284	1 224	1 379	1 657	+20.2
AT	GRAZ	363	361	772	835	862	861	-0.2
AT	INNSBRUCK	333	329	646	675	714	725	+1.6
PT	FARO	4 569	4 579	4 636	4 635	4 467	4 755	+6.4
PT	PORTO	2 732	2 683	2 574	2 606	2 702	3 108	+15.0
PT	FUNCHAL / MADEIRA I.			2 230	2 242	1 998	2 320	+16.1
PT	PONTA DELGADA / SAO MIGUEL I.	675	746	763	769	758	874	+15.3
SI	LJUBLJANA					1 046	1 217	+16.3
SK	BRATISLAVA / IVANKA		288					
FI	OULU	733	716	637	671	772	810	+4.9
FI	TAMPERE / PIKKALA	256	265	236	304	496	597	+20.4
SE	GÖTEBORG / LANDVETTER					3 897	4 082	+4.8
SE	MALMÖ / STURUP					1 719	1 818	+5.8
UK	BRISTOL / LULSGATE	2 124	2 684	3 424	3 894	4 646	5 221	+12.4
UK	NEWCASTLE	3 145	3 376	3 386	3 903	4 708	5 187	+10.2
UK	BELFAST INTERNATIONAL	3 091	3 600	3 547	3 955	4 403	4 820	+9.5
UK	LIVERPOOL	1 982	2 253	2 835	3 175	3 352	4 409	+31.5
UK	NOTTINGHAM / EAST MIDLANDS	2 230	2 378	3 227	4 254	4 376	4 182	-4.4
UK	ABERDEEN / DYCE	2 471	2 528	2 550	2 508	2 634	2 852	+8.3
UK	LEEDS AND BRADFORD	1 586	1 531	1 531	2 015	2 368	2 609	+10.2
UK	PRESTWICK	900	1 230	1 485	1 854	2 159	2 404	+11.3
UK	BELFAST / CITY	1 282	1 192	1 892	1 885	2 091	2 237	+7.0
UK	LONDON / CITY	1 590	1 625	1 609	1 471	1 675	1 996	+19.2
UK	SOUTHAMPTON	856	856	789	1 218	1 531	1 835	+19.9
UK	CARDIFF INTERNATIONAL	1 489	1 516	1 411	1 900	1 873	1 765	-5.8
BG	SOFIA	1 128	1 108	1 214	1 357	1 614		
RO	BUCURESTI / OTOPENI		1 946	2 029	2 246	2 600	2 977	+14.5
RO	TIMISOARA / GIARMATA		151	144	184	280	484	+73.2
IS	KEFLAVIK				1 562	1 889	2 111	+11.8
NO	OSLO / GARDERMOEN			12 464	12 622	13 187	12 604	-4.4
NO	BERGEN / FLESLAND			3 305	3 315	3 466	3 198	-7.7
NO	STORD			20	28	33	52	+57.3
CH	ZÜRICH			18 073	16 882	17 134	17 878	+4.3
CH	GENEVE / COINTRIN			7 618	8 022	8 565	9 361	+9.3
CH	BASEL / MULHOUSE	3 784	3 551	3 058	2 490	2 549	3 316	+30.1

Source: Eurostat

Air : Freight Traffic at Major EU Airports

Cargo and Mail loaded and unloaded

1000 tonnes

Airport		2000	2001	2002	2003	2004	2005	change 05/04 %
FRANKFURT / MAIN	DE	1 746.7	1 652.0	1 679.4	1 695.2	1 893.3	2 014.0	+6.4
AMSTERDAM / SCHIPHOL	NL		1 183.2	1 239.9	1 353.4	1 467.0	1 495.6	+1.9
LONDON / HEATHROW	UK				1 300.3	1 412.0	1 389.3	-1.6
PARIS / CHARLES-DE-GAULLE	FR			1 217.9	1 193.6	1 275.5	1 217.7	-4.5
BRUXELLES / NATIONAL	BE		583.7	499.3	606.5	660.1	694.4	+5.2
KÖLN / BONN	DE	448.3	465.9	519.4	547.0	637.3	673.5	+5.7
LUXEMBOURG	LU	500.8	509.8	550.1	602.6	616.6	624.8	+1.3
MILANO / MALPENSA	IT	295.7		296.2	318.8	361.1	385.7	+6.8
MADRID / BARAJAS	ES		297.8	290.8	296.3	352.6	341.1	-3.3
NOTTINGHAM / EAST MIDLANDS	UK				237.3	277.2	292.1	+5.4
LONDON / STANSTED	UK				202.7	239.0	254.8	+6.6
LONDON / GATWICK	UK				233.5	226.9	232.1	+2.3
MÜNCHEN	DE	166.1	169.7	211.0	194.9	205.6	230.8	+12.3
WIEN / SCHWECHAT	AT	124.4	111.0	129.2	135.7	178.5	206.0	+15.4
ROMA / FIUMICINO	IT	153.3	152.3	101.7	158.0	169.7	169.6	-0.1
MANCHESTER INTERNATIONAL	UK				125.7	153.3	150.0	-2.2
BERGAMO / ORIO AL SERIO	IT	16.6		112.8	127.5	129.5	135.1	+4.3
HELSINKI / VANTAA	FI	82.5	69.5	69.7	94.2	110.3	107.8	-2.3
HAHN	DE				37.0	66.5	101.4	+52.6
ATHENS	EL				131.3	104.1	100.7	-3.2
LISBOA	PT			91.1	93.5	100.0	98.8	-1.2
BARCELONA	ES		77.7	72.6	61.7	83.4	90.9	+9.0
PARIS / ORLY	FR			83.8	83.0	78.0	79.9	+2.4
GÖTEBORG / LANDVETTER	SE				58.9	66.5		
DUBLIN	IE				10.1	33.9	64.1	+89.3
STOCKHOLM / ARLANDA	SE				62.5	59.8		
DÜSSELDORF	DE	60.4	52.7	46.9	49.9	57.7	58.3	+1.1
TOULOUSE / BLAGNAC	FR			53.3	54.0	51.6	56.2	+8.9
BUDAPEST / FERIHEGY	HU		45.2	46.4	50.5	60.4	55.5	-8.2
MAASTRICHT / AACHEN	NL		33.5	39.5	34.3	44.2	54.6	+23.4
EDINBURGH	UK				51.6	56.0	54.3	-3.0
PRAHA / RUZYNE	CZ			39.4	46.2	51.5	51.5	-0.1
BELFAST INTERNATIONAL	UK				40.8	47.2	51.3	+8.8
MARSEILLE / PROVENCE	FR			59.9	53.3	51.9	51.0	-1.8
LAS PALMAS / GRAN CANARIA	ES		40.8	38.0	37.4	41.3	40.3	-2.6
LYON / SAINT EXUPÉRY	FR			35.2	35.4	34.7	38.6	+11.1
LARNAKA	CY		30.9		30.7	36.1	37.8	+4.7
CHALONS / VATRY	FR						37.6	
VITORIA	ES		37.5	42.1	39.9	44.1	34.9	-20.9
HAMBURG	DE	48.9	43.5	41.5	36.9	38.8	34.2	-11.8
SAINT-DENIS / ILE DE LA REUNION	FR			28.6	27.6	31.5	31.6	+0.2
WARSZAWA / OKECIE	PL					30.2	29.9	-1.2
MALMÖ / STURUP	SE					29.5		
SHANNON	IE				32.1	29.1	29.3	+0.7
PRESTWICK	UK				40.0	34.1	29.2	-14.3
STUTTGART	DE	40.3	35.5	35.9	29.8	27.4	27.2	-0.9
PORTO	PT			34.7	26.4	25.3	25.5	+0.6
MILANO / LINATE	IT	9.8	2 420.5	22.8	24.2	25.4	25.3	-0.5
LONDON / LUTON	UK				22.9	26.2	23.1	-11.7
TENERIFE NORTE	ES		21.5	20.8	22.2	24.6	23.0	-6.6
ROMA / CIAMPINO	IT	16.4		12.0	18.0	21.3	22.8	+7.1
PALMA DE MALLORCA	ES		23.8	18.8	14.9	20.9	21.5	+3.2
BERLIN / TEGEL	DE	34.3	34.5	32.1	29.8	22.7	21.1	-7.0

Source : Eurostat

Air : Freight Traffic at Selected Other Airports by Country

Cargo and Mail loaded and unloaded

1000 tonnes

Country	Airport	2000	2001	2002	2003	2004	2005	change 05/04 %
CZ	TURANY			2.64	5.69	5.10	3.02	-40.8
CZ	OSTRAVA / MOSNOV			1.50	1.28	0.85	1.63	+92.7
DK	BILLUND		10.49	8.97	6.14	6.04	5.20	-14.0
DE	HANNOVER			15.31	17.25	17.20	17.34	+0.8
DE	BERLIN / SCHÖNEFELD	16.15	15.18	17.04	17.67	20.73	16.08	-22.4
DE	LEIPZIG / HALLE	17.25	15.57	15.04	15.92	10.44	14.16	+35.7
DE	NÜRNBERG	32.84	27.79	25.83	18.95	16.68	13.97	-16.3
EE	TALLINN / ULEMISTE		4.54	4.24	5.05	5.00	9.74	+94.9
EL	THESSALONIKI				8.54	9.32	9.28	-0.4
EL	IRAKLEION				4.43	3.31	2.79	-15.5
EL	CHANIA				2.53	2.20	2.43	+10.4
EL	RODOS				2.83	2.26	2.22	-1.7
ES	VALENCIA		10.95	11.21	10.53	11.82	11.60	-1.9
ES	TENERIFE SUR / REINA SOFIA		12.22	10.17	7.89	9.05	9.06	+0.1
ES	SEVILLA		5.04	4.31	3.68	5.01	6.30	+25.8
ES	MALAGA		9.33	7.72	5.35	7.29	5.91	-18.9
ES	ARRECIFE / LANZAROTE		7.06	6.38	6.16	7.19	5.85	-18.7
FR	POINTE-A-PITRE / GUADELOUPE			18.55	17.97	18.03	16.78	-6.9
FR	FORT DE FRANCE / MARTINIQUE			16.98	15.98	15.24	15.30	+0.4
FR	NICE / COTE D'AZUR			18.96	15.23	15.09	14.74	-2.3
FR	BORDEAUX / MERIGNAC			18.67	14.56	13.19	12.07	-8.4
FR	RENNES / SAINT-JACQUES			12.18	11.77	12.13	11.72	-3.4
FR	NANTES / CHATEAU BOUGON			12.31	10.25	8.35	8.54	+2.3
IE	CORK			0.00	6.93	7.14	6.97	-2.4
IT	BRESCIA / MONTICHIARI				0.36	0.84	20.25	+2311.1
IT	TREVISIO / SAN ANGELO			13.75	15.32	18.01	17.89	-0.6
IT	VENEZIA / TESSERA	8.41	10.57	10.28	10.77	11.80	12.29	+4.2
IT	CATANIA / FONTANAROSSA	7.74	11.99	9.46	12.04	8.89	10.35	+16.3
IT	BOLOGNA / BORGO PANIGALE	13.21		16.92	17.29	12.85	8.07	-37.3
CY	PAPHOS INTERNATIONAL		2.43		1.13	1.08	1.37	+26.8
LV	RIGA		5.21	6.58	13.53	8.33	15.43	+85.3
LT	VILNIUS INTL						5.25	
LT	KAUNAS INTL						4.30	
MT	MALTA / LUQA			11.86	16.15	15.65	14.79	-5.5
AT	GRAZ	2.08	1.63	1.00	0.98	1.17	1.32	+13.1
PT	FUNCHAL, MADEIRA I.			10.86	10.38	10.61	10.34	-2.5
PT	PONTA DELGADA, SAO MIGUEL I.			8.95	9.29	9.12	8.90	-2.4
SK	BRATISLAVA / IVANKA		4.23				3.86	
FI	OULU	6.65	4.44	5.15	4.25	4.10	3.95	-3.6
FI	TURKU	0.29	0.25	0.70	0.40	3.99	3.15	-20.9
SE	SUNDSVALL / HARNOSAND				1.70	2.97		
SI	LJUBLJANA					5.07	5.04	-0.6
UK	LIVERPOOL				24.25	16.50	14.79	-10.4
UK	BIRMINGHAM				12.35	10.48	13.20	+25.9
UK	BOURNEMOUTH / HURN				10.25	12.47	10.80	-13.4
UK	GLASGOW				5.79	8.86	9.04	+2.0
UK	NEWCASTLE				3.50	8.56	8.02	-6.3
UK	COVENTRY				7.40	6.41	7.84	+22.2
RO	BUCURESTI / OTOPENI					16.46	17.11	+4.0
IS	KEFLAVIK				42.39	56.28	59.65	+6.0
NO	OSLO / GARDERMOEN	75.42	70.05	13.57	71.33	73.06	76.39	+4.6
NO	BERGEN / FLESLAND	9.85	10.08	1.87	6.87	6.68	6.71	+0.4
NO	STAVANGER / SOLA	9.08	9.11	1.76	6.06	5.45	5.58	+2.4
CH	ZÜRICH	382.02	342.50	290.51	259.56	251.46	269.80	+7.3
CH	BASEL / MULHOUSE	124.43	114.27	80.15	81.28	88.31	83.58	-5.4
CH	GENEVE / COINTRIN	29.35	28.95	37.31	39.25	40.22	38.77	-3.6

Source : Eurostat

3.4.5a

Air : Movements of Aircraft at Major EU Airports

(take-off + landing, passenger and cargo)

(not including general aviation)

thousand

Airport, Country	2003	2004	2005	change 05/04 %	
PARIS / CHARLES-DE-GAULLE	FR	545.4	549.8	543.4	-1.2
FRANKFURT / MAIN	DE	444.5	462.3	475.6	+2.9
LONDON / HEATHROW	UK	457.1	469.8	472.0	+0.5
AMSTERDAM / SCHIPHOL	NL	394.9	404.9	408.2	+0.8
MADRID / BARAJAS	ES	363.2	391.1	406.3	+3.9
MÜNCHEN	DE	338.9	366.0	382.3	+4.5
ROMA / FIUMICINO	IT	286.6	300.3	299.6	-0.2
BARCELONA	ES	257.1	277.3	294.3	+6.1
KOBENHAVN / KASTRUP	DK	253.8	266.8	262.1	-1.8
LONDON / GATWICK	UK	234.5	241.2	252.0	+4.5
PARIS / ORLY	FR	211.6	228.0	230.8	+1.2
BRUXELLES / NATIONAL	BE	231.2	229.8	228.7	-0.5
WIEN / SCHWECHAT	AT	193.6	221.0	227.0	+2.7
STOCKHOLM / ARLANDA	SE	220.8	234.3	222.2	-5.2
MILANO / MALPENSA	IT	222.7	209.5	222.2	+6.1
MANCHESTER / INTL	UK	191.5	208.5	218.0	+4.6
DÜSSELDORF	DE	173.3	187.7	189.0	+0.7
LONDON / STANSTED	UK	169.2	176.8	178.0	+0.7
PALMA DE MALLORCA	ES	146.6	166.1	170.5	+2.6
ATHENS	EL	159.1	179.9	170.3	-5.3
DUBLIN	IE	163.3	164.0	169.6	+3.4
HELSINKI / VANTAA	FI	152.8	163.2	163.1	-0.0
NICE / COTE D'AZUR	FR	169.3	155.0	158.1	+2.0
PRAHA / RUZYNE	CZ	105.2	134.2	150.2	+11.9
KÖLN / BONN	DE	131.3	133.3	139.9	+5.0
BERLIN / TEGEL	DE	134.3	131.7	137.2	+4.1
STUTTGART	DE	118.5	131.9	135.0	+2.3
HAMBURG	DE	127.1	130.0	134.2	+3.2
WARSAWA / OKECIE	PL		122.2	131.0	+7.2
LYON / SAINT EXUPÉRY	FR	118.8	125.0	130.1	+4.1
LISBOA	PT	112.7	121.7	125.6	+3.2
BUDAPEST / FERIHEGY	HU	81.3	103.4	116.5	+12.7
EDINBURGH	UK	105.2	111.8	116.0	+3.7
BIRMINGHAM	UK	116.0	109.2	113.0	+3.4
MALAGA	ES	91.1	102.7	111.1	+8.2
LAS PALMAS / GRAN CANARIA	ES	83.5	92.6	98.4	+6.2
GLASGOW	UK	88.1	92.1	96.6	+4.8
MILANO / LINATE	IT	92.8	93.7	93.1	-0.7
MARSEILLE / PROVENCE	FR	84.0	88.6	90.3	+1.9
ABERDEEN / DYCE	UK	76.8	80.7	89.5	+10.9
TOULOUSE / BLAGNAC	FR	79.5	78.2	80.2	+2.5
LONDON / LUTON	UK	58.4	64.2	75.4	+17.4
VENEZIA / TESSERA	IT	72.7	75.3	74.0	-1.8
HANNOVER	DE	68.4	68.5	70.8	+3.3
ALICANTE	ES	59.4	65.2	70.2	+7.7
VALENCIA	ES	38.1	49.7	66.1	+33.0
GÖTEBORG / LANDVETTER	SE	57.5	63.7	63.7	-0.0
BRISTOL / LULSGATE	UK	49.5	54.8	61.3	+11.9
LONDON / CITY	UK	48.0	53.2	60.7	+14.1
TENERIFE SUR / REINA SOFIA	ES	54.1	54.6	55.8	+2.2
NEWCASTLE	UK	42.5	49.9	55.5	+11.2
NÜRNBERG	DE	48.9	50.6	54.1	+6.9
NOTTINGHAM / EAST MIDLANDS	UK	54.0	55.9	53.8	-3.7
TENERIFE NORTE	ES	40.9	48.7	53.2	+9.4
BOLOGNA / BORGO PANIGALE	IT	55.3	43.5	51.5	+18.4
CATANIA / FONTANAROSSA	IT	52.3	50.9	51.4	+0.9
LUXEMBOURG / LUXEMBOURG	LU	49.0	50.9	51.4	+0.9
BILBAO	ES	39.2	46.2	50.8	+9.9
BORDEAUX / MERIGNAC	FR	47.0	46.6	50.1	+7.4

Source: Eurostat

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

3.4.5b

Air : Movements of Aircraft at Selected Other Airports by Country

(take-off + landing, passenger and cargo)

(not including general aviation)

thousand

Country	Airport	2003	2004	2005	change 05/04 %
BE	CHARLEROI / BRUSSELS SOUTH		14.5	13.3	-8.2
DK	BILLUND	29.3	31.8	33.2	+4.3
DE	BERLIN / SCHÖNEFELD	19.8	34.3	46.5	+35.7
DE	LEIPZIG / HALLE	31.3	30.8	30.2	-1.9
DE	BREMEN	28.2	29.4	29.4	-0.0
DE	DRESDEN	24.3	26.2	28.0	+7.0
DE	HAHN	20.2	21.9	24.9	+13.5
DE	BERLIN / TEMPELHOF	27.1	24.7	24.2	-2.2
EE	TALLINN / ULEMISTE	19.4	21.6	26.1	+20.6
EL	THESSALONIKI	43.3	50.6	47.2	-6.8
EL	IRAKLEION	39.5	38.2	38.3	+0.3
EL	RODOS	26.1	29.0	28.4	-2.0
ES	ALICANTE	59.4	65.2	70.2	+7.7
ES	ARRECIFE / LANZAROTE	40.7	41.2	42.0	+2.0
ES	IBIZA	35.5	38.6	39.8	+3.0
ES	SEVILLA	24.1	30.2	39.3	+30.2
ES	PUERTO DEL ROSARIO / FUERTEVENTURA	32.6	34.0	36.4	+7.2
FR	STRASBOURG INTERNATIONAL	41.2	40.0	37.1	-7.3
FR	NANTES / CHATEAU BOUGON	36.7	33.9	36.7	+8.4
FR	POINTE-A-PITRE / GUADELOUPE	35.3	38.0	34.7	-8.8
FR	FORT DE FRANCE / MARTINIQUE	26.0	28.1	30.4	+8.3
FR	SAINT-BARTHELEMY / GUADELOUPE	27.3	27.3	29.0	+6.1
FR	CLERMONT FERRAND / AUVERGNE INT.	37.9	26.2	23.6	-10.0
IE	CORK	35.1	29.5	33.2	+12.7
IE	SHANNON	22.4	19.0	25.1	+31.9
IT	NAPOLI / CAPODICHINO	57.8	51.4	49.0	-4.7
IT	BERGAMO / ORIO AL SERIO	44.0	41.7	47.8	+14.6
IT	ROME / CIAMPINO	27.1	34.2	47.7	+39.7
IT	TORINO / CASELLE	43.3	46.7	44.7	-4.2
IT	PALERMO / PUNTA RAISI	42.0	42.2	42.9	+1.8
IT	VERONA / VALERIO CATULLO	36.2	36.2	33.3	-7.9
CY	LARNAKA	53.4	46.9	48.1	+2.6
CY	PAPHOS INTERNATIONAL	13.5	14.1	14.7	+4.0
LV	RIGA	19.5	24.1	31.2	+29.4
LT	VILNIUS INTL			26.5	
MT	MALTA / LUQA	30.8	30.8	30.3	-1.6
NL	ROTTERDAM	14.2	18.3	17.9	-2.3
AT	SALZBURG	19.0	19.7	23.5	+19.4
AT	GRAZ	18.4	19.5	18.1	-7.1
PT	PORTO	40.7	42.8	45.3	+5.8
PT	FARO	31.8	32.0	36.3	+13.4
PT	FUNCHAL / MADEIRA I.	23.4	22.9	26.0	+13.9
SI	LJUBLJANA		25.3	29.1	+15.3
SK	BRATISLAVA / IVANKA			22.5	
FI	OULU	12.5	13.4	12.8	-4.4
FI	TURKU	11.9	12.2	11.6	-4.4
SE	STOCKHOLM / BROMMA	32.9	32.3	33.4	+3.5
SE	MALMO / STURUP	26.5	28.2	26.9	-4.8
UK	LIVERPOOL	38.8	39.7	49.3	+24.2
UK	BELFAST INTERNATIONAL	39.9	43.4	47.7	+10.0
UK	SOUTHAMPTON	32.4	37.2	43.8	+17.8
UK	BELFAST / CITY	30.2	33.4	37.3	+11.5
UK	LEEDS AND BRADFORD	29.4	31.5	35.9	+14.1
RO	BUCURESTI / OTOPENI		75.0	90.2	+20.3
RO	TIMISOARA / GIARMATA		22.0	27.9	+27.1
IS	KEFLAVIK	13.5	16.1	16.9	+5.0
NO	OSLO / GARDERMOEN	179.3	193.5	198.7	+2.7
NO	BERGEN / FLESLAND	61.9	64.7	66.4	+2.6
NO	TRONDHEIM / VAERNES	42.8	44.0	45.7	+3.7
NO	STAVANGER / SOLA	43.3	45.5	44.8	-1.5
CH	ZURICH	234.8	231.1	229.9	-0.5
CH	GENEVE / COINTRIN	115.3	112.9	116.5	+3.2
CH	BASEL / MULHOUSE	88.0	77.7	82.1	+5.8

Source: Eurostat

3.4.6

Sea : Inward and Outward Flow of Passengers by Country

million

		DK	DE	EE	EL	ES	FR	IE	IT	NL	PL	FI	SE	UK	Other	EU25
Inwards	2004	24.30	14.82	3.23	48.27	11.38	13.49	1.78	41.72	1.01	1.03	8.43	16.89	16.40	1.11	203.85
	2003	24.36	16.04	2.62	51.46	10.78	13.70	1.87	41.29	1.02	1.62	8.22	16.55	16.81	1.04	207.37
	2002	24.09	16.75	2.60	50.65	10.13	14.57	1.94	41.39	1.10	1.72	8.34	16.16	17.84	1.06	208.32
	2001	23.99	15.99	3.29	25.13	9.84	13.89	1.94	43.44	1.02	2.22	8.41	16.20	17.23	1.06	183.63
	2000	25.96	15.72		14.04	7.92	13.96	2.09	43.22	1.00		8.01	18.46	16.87	1.03	
	1999	28.65			18.18	8.13	15.23	2.20	42.74	0.98		8.10	20.91	17.87	1.01	
	1998	31.66			17.31	7.74	15.43	2.35	40.40	0.93		8.01	20.96	18.41	1.08	
	1997	37.90			16.17	6.95	16.58	2.21	40.13	0.97		7.62	20.58	18.10	0.94	
Outwards	2004	24.26	15.00	3.22	48.15	10.31	13.57	1.77	41.60	1.01	1.00	8.38	16.43	16.44	1.12	202.25
	2003	24.29	16.11	2.56	51.30	9.26	13.71	1.87	41.29	0.99	1.57	8.13	16.20	16.89	1.04	205.21
	2002	24.09	16.47	2.54	50.56	8.81	14.54	1.96	41.31	1.10	1.59	8.24	15.95	17.79	1.08	206.03
	2001	23.87	15.83	2.46	25.02	8.78	13.84	1.96	43.44	1.02	2.20	8.32	16.15	17.29	1.02	181.20
	2000	25.87	15.66		13.83	6.66	13.89	2.12	43.16	1.00		7.96	18.12	16.99	1.02	
	1999	28.70			19.00	8.09	15.20	2.16	42.70	0.97		8.05	20.66	17.94	1.01	
	1998	31.79			18.05	7.61	15.40	2.33	40.22	0.91		7.97	20.79	18.48	1.09	
	1997	38.03			16.09	6.99	16.55	2.17	40.06	0.99		7.57	20.37	18.18	1.04	

Source : Eurostat

Note: Other EU (inwards,outwards): 2004: BE=0.39, 0.40; CY=0.12, 0.12; LV=0.06, 0.07; LT=0.07, 0.07; MT=0.11, 0.11; PT=0.33, 0.33; SI=0.02, 0.02

3.4.7

Sea : Main Passenger Ports Passengers Embarked and Disembarked

thousand

Port, Country		2000	2002	2003	2004	change 04/03 %
Dover	UK	16 197	16 449	14 770	14 429	-2.3
Calais	FR	15 063	14 991	13 729	13 259	-3.4
Helsingborg	SE	13 525	11 666	11 693	11 808	+1.0
Helsingor	DK	13 322	11 609	11 646	11 612	-0.3
Paloukia - Perama	EL		12 133	12 541	11 568	-7.8
Pireas	EL	7 289	8 639	9 315	10 584	+13.6
Messina	IT	11 898	10 256	9 833	10 128	+3.0
Reggio di Calabria	IT	11 839	10 137	9 698	9 992	+3.0
Rio - Antirio	EL		14 210	13 688	9 105	-33.5
Helsinki	FI	9 251	8 871	8 549	8 747	+2.3
Stockholm	SE	7 746	6 826	7 294	7 823	+7.3
Napoli	IT	6 748	6 708	6 811	6 801	-0.1
Rodby	DK	5 430	6 508	6 421	6 744	+5.0
Puttgarden	DE	5 430	6 592	6 422	6 741	+5.0
Tallinn	EE		5 136	5 172	6 452	+24.7
Santa Cruz de Tenerife	ES	4 927	4 861	5 011	5 164	+3.1
Capri	IT	5 404	5 028	4 749	4 771	+0.5
Algeciras	ES		4 286	4 542	4 605	+1.4
Turku	FI	3 514	4 025	4 039	3 828	-5.2
Palma Mallorca	ES	1 864	2 286	2 537	3 773	+48.7
Piombino	IT	3 161	3 675	3 716	3 702	-0.4
Porto D'Ischia	IT	3 686	3 576	3 494	3 535	+1.2
Frederikshavn	DK	3 726	3 597	3 537	3 449	-2.5
Portoferraio	IT	2 641	3 176	3 120	3 195	+2.4
Portsmouth	UK	3 270	3 469	3 169	3 127	-1.3
Olbia	IT	2 359	2 683	2 764	2 908	+5.2
Mariehamn	FI	1 885	2 311	2 389	2 843	+19.0
Göteborg	SE	2 937	2 747	2 750	2 608	-5.2
Genova	IT	2 444	2 820	2 961	2 507	-15.3

Source: Eurostat

Channel Tunnel

(United Kingdom - France)

	Shuttle			Through-train	
	Number of : Vehicles		Pass - engers 1000	Pass - enger 1000	Freight 1000 tonnes
	Passenger 1000	Freight 1000			
2005	2 124	1 309		7 454	1 600
2004	2 165	1 281	7 787	7 277	1 899
2003	2 351	1 285	8 384	6 315	1 744
2002	2 408	1 231	8 649	6 603	1 464
2001	2 605	1 198	9 366	6 947	2 447
2000	2 864	1 133	9 888	7 130	2 947
1999	3 342	839	10 831	6 593	2 865
1998	3 448	705	12 189	6 307	3 141
1997	2 383	268	8 609	6 004	2 925
1996	2 135	519	7 933	4 866	2 361
1995	1 246	391	4 161	2 920	1 411

Source : Eurotunnel; shuttle passengers: UK Department for Transport

Note : the Channel Tunnel opened in 1994

Sea : Freight Traffic at Major EU Seaports

million tonnes loaded and unloaded

Port, Country	1970	1980	1990	1999	2000	2001	2002	2003	2004	change 04/03 %
Rotterdam <i>NL</i>	226.0	276.0	288.0	299.5	320.0	313.7	320.9	327.0	352.8	+7.9
Antwerp <i>BE</i>	78.0	82.0	102.0	115.7	130.5	130.1	131.6	142.9	152.3	+6.6
Hamburg <i>DE</i>	47.0	63.0	61.0	81.0	85.9	92.7	98.3	106.5	114.5	+7.5
Marseille <i>FR</i>	74.0	103.0	90.0	90.3	94.1	92.4	92.3	95.5	94.1	-1.5
Le Havre <i>FR</i>	58.0	77.0	54.0	63.9	67.5	69.0	68.0	71.5	76.2	+6.5
Amsterdam <i>NL</i>	21.0	34.0	47.0	56.2	64.1	68.3	70.4	65.5	73.2	+11.8
Algeciras <i>ES</i>	8.0	22.0	25.0	41.9	44.0	49.0	51.3	56.8	61.3	+8.0
Grimsby & Imm. <i>UK</i>			59.7	47.0	50.0	51.4	52.2	51.3	57.6	+12.3
Genova <i>IT</i>	53.0	51.0	44.0	45.9	50.8	50.2	51.7	53.7	55.8	+4.0
Tees & Hartlep. <i>UK</i>	23.0	38.0	40.0	49.3	51.5	49.7	50.4	53.8	53.8	-0.0
London <i>UK</i>	64.0	48.0	58.0	52.4	47.9	50.7	51.2	51.0	53.3	+4.4
Bremen/B'haven <i>DE</i>	23.0	25.0	28.0	36.0	44.8	46.0	46.5	48.9	52.3	+7.0
Dunkerque <i>FR</i>	25.0	41.0	37.0	38.3	45.3	44.5	47.6	50.1	51.0	+1.8
Constantza <i>RO</i>				32.5	33.1	33.8	40.5	43.2	50.4	+16.7
Trieste <i>IT</i>	27.0	38.0	34.0	44.8	47.6	49.1	47.2	46.0	47.3	+2.8
Wilhelmshaven <i>DE</i>	22.0	32.0	16.0	39.8	43.4	40.9	38.8	39.5	45.0	+13.9
Taranto <i>IT</i>				36.1	33.9	34.5	34.7	37.5	43.6	+16.2
Barcelona <i>ES</i>			18.0	27.9	29.8	31.5	32.6	34.8	39.3	+13.1
Milford Haven <i>UK</i>	41.0	39.0	32.0	32.2	33.8	33.8	34.5	32.7	38.5	+17.5
Southampton <i>UK</i>	28.0	25.0	29.0	33.3	34.8	35.7	34.2	35.8	38.4	+7.4
Calais <i>FR</i>				35.4	31.9	32.7	34.4	34.3	37.9	+10.4
Valencia <i>ES</i>				23.9	25.2	28.4	32.8	35.0	37.5	+7.2
Tallinn <i>EE</i>				26.3	29.2	32.1	37.5	37.5	37.3	-0.5
Göteborg <i>SE</i>	20.0	22.0	26.0	30.4	33.1	33.5	33.4	33.3	36.9	+10.9
St. Nazaire PANSN <i>FR</i>			24.9	33.4	36.6	33.1	35.7	35.0	35.1	+0.2
Forth ports <i>UK</i>	25.0	29.0	25.4	45.4	41.1	41.6	42.2	38.8	34.9	-10.0
Liverpool/Merseyside <i>UK</i>	31.0	13.0	23.0	28.9	30.6	30.5	30.6	31.8	32.2	+1.3
Zeebrugge <i>BE</i>	8.0	12.0	30.0	35.4	35.5	32.1	32.9	30.6	31.8	+4.0
Bilbao <i>ES</i>	11.0	21.0	25.0	26.0	27.5	26.7	25.6	28.4	31.6	+11.4
Tarragona <i>ES</i>	4.4	19.8	24.2	25.1	27.3	26.7	29.5	28.8	29.8	+3.6
Venezia <i>IT</i>				27.1	28.2	28.8	29.5	30.1	29.8	-1.2
Gioia Tauro <i>IT</i>					21.6	21.2	25.5	25.3	29.4	+16.3
Ventspils <i>LV</i>				34.1	34.8	37.9	28.7	27.4	27.8	+1.7
Livorno <i>IT</i>				21.7	24.6	24.7	25.3	25.7	27.1	+5.1
Ravenna <i>IT</i>				21.2	22.7	23.8	23.9	24.9	25.4	+2.1
Dublin <i>IE</i>	7.0	7.0	8.0	20.0	21.0	21.9	22.2	23.5	25.3	+7.3
Ghent <i>BE</i>				23.9	24.0	23.5	24.0	23.5	25.0	+6.0
Lübeck <i>DE</i>				25.3	25.7	24.5	24.6	25.8	24.7	-4.6
Riga <i>LV</i>				12.0	13.4	14.9	18.1	21.7	24.0	+10.4
Felixstowe <i>UK</i>			16.1	31.5	29.7	28.4	25.1	22.3	23.4	+5.1

Source : Institute of Shipping Economics and Logistics, Bremen; port authorities

3.4.8b

Sea : Freight Traffic at Selected Other Seaports by Country

million tonnes loaded / unloaded

Port, Country	2000	2001	2002	2003	2004	change 04/03 %
Aarhus <i>DK</i>	9.9	10.1	9.8	10.1	10.5	+3.5
Rostock <i>DE</i>	22.1	20.5	22.5	21.6	21.8	+0.9
Brunsbüttel <i>DE</i>	8.3	8.2	8.3	8.1	7.8	-2.8
Pireas <i>EL</i>	15.6	16.3	18.4	21.4	20.6	-3.9
Thessaloniki <i>EL</i>	6.5	5.5	5.3	5.5	6.4	+16.0
Cartagena <i>ES</i>	17.2	20.3	21.9	21.2	23.2	+9.4
La Coruna <i>ES</i>	11.7	10.9	12.2	12.0	12.6	+4.9
Pasajes <i>ES</i>	4.6	4.7	5.3	5.9	6.2	+4.9
Santander <i>ES</i>	5.3	5.1	5.4	5.4	5.9	+10.1
Vigo <i>ES</i>	3.5	3.7	3.8	4.0	4.7	+18.2
Rouen <i>FR</i>	22.8	20.7	19.6	21.9	20.2	-7.6
Bordeaux <i>FR</i>	9.3	9.0	8.6	8.4	8.1	-3.0
Cork <i>IE</i>	9.7	9.8	9.4	9.2	8.9	-2.8
Napoli <i>IT</i>	15.0	16.9	18.9	19.6	19.7	+0.2
La Spezia <i>IT</i>	16.5	15.8	18.2	19.8	18.4	-6.9
Savona <i>IT</i>	13.2	13.3	13.2	13.4	14.4	+7.1
Limassol <i>CY</i>	3.6	3.4	3.4	3.6	3.8	+7.4
Liepaja <i>LV</i>	3.0	3.3	4.3	4.9	4.5	-7.9
Klaipeda <i>LT</i>	19.4	17.2	19.7	21.2	20.3	-4.4
Flushing <i>NL</i>	13.7	13.5	13.1	14.7	15.5	+4.8
Gdansk <i>PL</i>	16.6	17.8	17.4	21.3	23.3	+9.5
Szczecin <i>PL</i>	15.6	16.1	16.0	14.3	15.6	+8.8
Gdynia <i>PL</i>	7.8	8.5	9.4	9.7	10.7	+10.2
Leixoes <i>PT</i>	13.5	13.3	12.6	13.5	13.7	+1.9
Lisboa <i>PT</i>	11.6	11.6	12.2	12.5	11.8	-5.5
Setubal <i>PT</i>	6.5	6.7	6.4	6.1	6.5	+7.1
Sköldvik <i>FI</i>	15.9	16.5	14.1	14.8	19.2	+30.1
Helsinki <i>FI</i>	10.9	11.4	11.4	11.7	12.1	+4.1
Kotka <i>FI</i>	7.0	8.1	8.4	8.3	8.6	+3.5
Naantali <i>FI</i>	6.5	6.9	7.2	7.2	7.4	+3.5
Rauma <i>FI</i>	5.4	5.3	5.6	5.9	6.4	+7.6
Raahe <i>FI</i>	6.1	6.2	6.3	6.3	5.9	-5.7
Pori <i>FI</i>	4.1	4.9	4.5	6.1	5.5	-9.2
Koper <i>SI</i>	9.3	9.4	9.4	11.0	12.4	+12.4
Trelleborg <i>SE</i>	10.3	9.8	10.3	10.7	10.8	+1.1
Helsingborg <i>SE</i>	9.9	7.4	7.1	6.9	7.0	+1.6
Stockholm <i>SE</i>	5.4	5.5	5.1	5.5	5.2	-5.5
Belfast <i>UK</i>	12.5	13.4	12.8	13.2	13.6	+2.7
Manchester <i>UK</i>	7.7	8.1	6.7	6.1	6.6	+8.8
Aberdeen <i>UK</i>	3.4	3.8	3.6	3.2	3.9	+20.6
Ipswich <i>UK</i>	2.9	2.9	3.3	3.9	3.6	-8.5
Bourgas <i>BG</i>	12.4	11.6	11.5	12.9	14.0	+8.7
Varna <i>BG</i>	5.6	5.8	6.5	8.2	9.5	+15.8
Icel (Mersin) <i>TR</i>	13.4	13.6	13.8	15.5	17.2	+11.0
Izmir <i>TR</i>	8.2	8.4	9.7	11.1	12.5	+12.5
Istanbul <i>TR</i>	5.6	4.8	5.1	5.7	6.5	+12.9
Narvik <i>NO</i>	14.2	12.3	13.0	14.1	15.6	+10.1
Oslo <i>NO</i>	6.3	6.2	6.0	6.0	6.2	+2.6

Source : Institute of Shipping Economics and Logistics, Bremen; port authorities

Sea Container Port Traffic : main ports

1000 TEU

Port, Country	1990	1995	1999	2000	2001	2002	2003	2004	change 04/03 %
Rotterdam <i>NL</i>	3 667	4 787	6 245	6 268	6 102	6 526	7 107	8 271	+16.4
Hamburg <i>DE</i>	1 969	2 890	3 750	4 281	4 684	5 401	6 140	7 003	+14.1
Antwerp <i>BE</i>	1 549	2 329	3 614	4 082	4 218	4 777	5 445	6 064	+11.4
Bremen/B'h. <i>DE</i>	1 198	1 524	2 201	2 752	2 974	3 032	3 190	3 469	+8.7
Gioia Tauro <i>IT</i>	-	16	2 253	2 653	2 488	2 955	3 149	3 261	+3.6
Algeciras <i>ES</i>	553	1 155	1 835	2 009	2 152	2 229	2 516	2 936	+16.7
Valencia <i>ES</i>	387	672	1 161	1 308	1 507	1 821	1 993	2 145	+7.6
Le Havre <i>FR</i>	858	970	1 378	1 465	1 523	1 720	1 985	2 132	+7.4
Barcelona <i>ES</i>	448	689	1 235	1 388	1 411	1 461	1 652	1 916	+16.0
Dublin <i>IE</i>	215		1 304	1 380	1 445	1 503	1 596	1 719	+7.7
Felixstowe <i>UK</i>			1 784	1 837	1 788	1 737	1 592	1 713	+7.6
London <i>UK</i>			1 462	1 463	1 453	1 615	1 557	1 673	+7.5
Genova <i>IT</i>	310	615	1 234	1 501	1 527	1 531	1 606	1 629	+1.4
Piraeus <i>EL</i>	426	600	965	1 161	1 166	1 405	1 605	1 542	-3.9
Marsaxlokk <i>MT</i>			1 045	1 033	1 165	1 244	1 305	1 461	+12.0
Zeebrugge <i>BE</i>	342	528	850	965	876	959	1 013	1 197	+18.2
La Spezia <i>IT</i>	450	965	843	910	975	975	1 007	1 040	+3.3
Marseille <i>FR</i>	482	498	664	722	742	809	833	916	+10.0
Southampton <i>UK</i>	345	681	920	672	731	792	848	875	+3.2
Izmir <i>TR</i>				464	491	573	701	805	+14.8
Taranto <i>IT</i>					198	472	658	763	+16.0
Göteborg <i>SE</i>	352	458	624	615	598	645	666	736	+10.5
Livorno <i>IT</i>			479	519	532	547	593	639	+7.8
Liverpool/Merseyside <i>UK</i>	239	406	515	540	524	535	578	616	+6.6
Icel (Mersin) <i>TR</i>				289	290	364	467	533	+14.1
Lisboa <i>PT</i>	264	309	365	389	438	488	554	515	-7.0
Aarhus <i>DK</i>		223	327	359	362	396	447	500	+11.9
Helsinki <i>FI</i>	246	296	321	356	438	457	472	500	+5.9
Bilbao <i>ES</i>			377	434	454	455	449	469	+4.5
Constantza <i>RO</i>				106	119	136	206	386	+87.0
Gdynia <i>PL</i>			191	188	217	252	309	377	+22.0
Leixoes <i>PT</i>			251	282	297	304	320	349	+9.1
Napoli <i>IT</i>				397	430	446	433	348	-19.6
Thessaloniki <i>EL</i>			217	230	234	240	270	336	+24.4
Kotka <i>FI</i>			134	191	201	244	269	326	+21.2
Istanbul <i>TR</i>				298	225	225	244	317	+29.9
Limassol <i>CY</i>			238	257	235	233	255	298	+16.9
Venezia <i>IT</i>			200	218	246	262	284	291	+2.5
Klaipeda <i>LT</i>				40	52	72	118	174	+47.5
Koper <i>SL</i>				87	93	115	126	153	+21.4
Riga <i>LV</i>				85	101	127	132	150	+13.6
Sum of above ports				44 194	45 701	50 080	54 690	60 543	+10.7
Hong Kong	5 101	12 550	16 211	18 098	17 826	19 144	20 449	21 984	+7.5
Singapore	5 224	11 846	15 945	17 087	15 571	16 941	18 411	21 329	+15.8

Source : Institute of Shipping Economics and Logistics, Bremen

Combined Transport : Traffic by Company

Traffic of UIRR companies Consignments* (thousand)					
Company	2000	2004	2005	change 05/04 %	
International traffic					
Kombiverkehr, DE	374.8	372.3	351.4	-5.6	
Hupac, CH	231.1	248.7	291.2	+17.1	
Cemat, IT	149.4	227.5	236.8	+4.1	
ICA, AT			123.8		
Ökombi, AT	148.8	127.5	90.7	-28.9	
T.R.W., BE	57.7	59.8	85.9	+43.7	
Ralpin, CH		64.7	79.2	+22.5	
Hupac NV, NL	26.4	47.9	57.1	+19.2	
Conliner, DE		56.0	45.3	-19.1	
Novatrans, FR	77.3	41.7	42.0	+0.6	
Adria Combi, SI	19.2	40.2	41.1	+2.2	
Hungarocombi, HU	61.8	50.6	37.1	-26.7	
Combiberia, ES		16.9	24.4	+44.8	
Alpe Adria, IT		21.5	22.2	+2.9	
National traffic					
Kombiverkehr, DE	163.3	205.4	225.0	+9.5	
Cemat, IT	194.3	176.8	187.1	+5.8	
Novatrans, FR	176.1	152.9	145.9	-4.6	
Naviland Cargo, FR		177.1	111.6	-37.0	
ICA, AT			105.4		
Ökombi, AT	117.1	129.2	46.8	-63.8	
Hupac, CH/DE/IT	16.2	22.5	33.6	+49.2	
*Consignment = equivalent of an average road transport (= 2.3 TEU)					
Year	Tonne-kilometres (billion)		Traffic % of consignments		
		of which: national	Semi- trailers	Rolling road	Swap bodies
2005	37.0	8.1	7%	13%	80%
2004	34.5	8.3	7%	16%	67%
2003	32.9	7.7	7%	23%	70%
2002	33.1	8.0	8%	23%	69%
2001	31.9	7.2	9%	24%	67%
2000	32.5	8.2	9%	23%	68%
1999	28.6	7.8	9%	22%	69%
1998	30.2	8.3	9%	20%	71%
1997	29.9	8.3	10%	19%	71%
1996	27.2	7.6	12%	20%	68%
1995	25.0	7.3	14%	19%	67%
1990	19.0	7.0	20%	18%	62%

Traffic of Intercontainer-Interfrigo 1000 TEU				
Type of transport	2000	2004	2005	change 05/04 %
Combined transport	961.7	702.8	516.7	-26.5

Source: International Union of Road-Rail Transport Companies;
Intercontainer

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

Alps Crossing Freight Traffic

Rail

(Alpine Arc : Mt. Cenis to Brenner)

million tonnes

	<u>Switzerland</u>		<u>Austria</u>	<u>France</u>	Total
	St. Gotthard	Simplon Lötsch- berg	Brenner	Mont- Cenis	
2005	15.6	8.1	10.0	6.0	39.7
2004	16.1	6.8	10.7	6.9	40.5
2003	14.3	5.6	10.7	7.8	38.4
2002	14.2	4.8	10.5	8.6	38.1
2001	15.8	4.8	10.7	8.6	39.9
2000	16.8	3.8	8.7	9.4	38.7
1999	14.9	3.5	8.3	9.2	35.9
1998	15.0	4.3	8.6	9.3	37.2
1997	13.7	4.3	7.8	10.1	35.9
1996	11.7	4.0	7.9	9.7	33.3
1995	13.6	4.4	8.4	8.0	34.4
1994	13.2	4.7	8.3	7.7	33.9
1990	13.6	4.3	5.5	7.2	30.6
1985	11.2	2.8	4.7	7.5	26.2
average annual growth (%)					
04-05	-3.1 %	19.1 %	-6.5 %	-13.0 %	-2.0 %
95-05	1.4 %	6.3 %	1.8 %	-2.8 %	1.4 %
85-95	2.0 %	4.6 %	6.0 %	0.6 %	2.8 %

Road

(Alpine Arc : Montgenèvre to Brenner)

million tonnes

	<u>Switzerland</u>		<u>Austria</u>	<u>France</u>	Total
	St. Gotthard	Simplon Gr.St. Bernard St. Bern- ardino	Brenner Reschen	Montge- nèvre Fréjus Mont- Blanc	
2005	10.2	2.8	33.6	20.8	67.4
2004	9.9	2.6	33.5	22.3	68.3
2003	9.2	2.4	28.7	25.8	66.1
2002	7.5	3.0	27.3	26.3	64.1
2001	7.4	3.0	26.3	27.2	63.9
2000	7.6	1.3	26.6	27.2	62.7
1999	7.0	1.4	26.4	27.3	62.1
1998	6.5	1.2	23.9	26.3	57.9
1997	6.0	1.0	21.3	25.3	53.6
1996	5.9	1.2	20.1	25.0	52.2
1995	5.5	1.1	21.0	25.8	53.4
1994	5.1	1.1	18.4	26.5	51.1
1990	3.1	1.1	14.6	21.8	40.6
1985	1.9	0.8	15.0	12.3	30.0
average annual growth (%)					
04-05	3.0 %	7.7 %	0.3 %	-6.7 %	-1.3 %
95-05	6.4 %	9.8 %	4.8 %	-2.1 %	2.4 %
85-95	11.2 %	3.2 %	3.4 %	7.7 %	5.9 %

Road: France: Montgenèvre: from 1999

	Number of heavy goods vehicles (1000)				
2005	925	279	2 121	1 435	4 760
2004	969	286	2 118	1 515	4 888
2003	1 004	287	1 775	1 572	4 638
2002	858	391	1 710	1 581	4 540
2001	966	405	1 647	1 673	4 691
2000	1 187	217	1 653	1 672	4 729
1999	1 101	216	1 639	1 674	4 630

Source : Gesamtverkehrsfragen, Switzerland

Notes : internal, import, export and transit traffic

3.4.12

Pyrenee Crossing Traffic

Rail goods transport

million tonnes

	West coast Hendaye - Irun	East coast Cerbère / Port Bou	Total pure rail	Inter- modal rail
2004			4.563	3.050
2003			4.284	2.841
2002	1.7	2.4	4.161	3.033
2001	1.8	2.4	4.188	2.739
2000	1.8	2.8	4.583	2.995
1999	1.6	2.6	4.241	2.793
1998	1.9	2.5	4.442	
1997	2.0	2.8	4.795	

Road goods traffic

Goods vehicles crossing the French / Spanish
border per day

	West coast Bariatou (inc. A63)	East coast Le Perthus (inc. A9)	Other cross - ings	Total
2004	10 655	9 302	1 875	21 832
2003	9 276	8 920	1 758	19 954
2002	8 864	8 535	1 505	18 904
2001	8 806	8 050	1 172	18 028
2000	8 224	8 200	1 519	17 943
1999	6 914	8 018	914	15 846
1998	6 447	7 413	905	14 765
1997	5 657	6 729	880	13 266

Road passenger car traffic

vehicles per day

	West coast Bariatou (inc. A63)	East coast Le Perthus (inc. A9)	Other cross - ings	Total
2004	45 041	30 923	41 196	117 160
2003	44 165	29 201	41 267	114 633
2002	41 812	28 544	37 654	108 010
2001	41 847	25 201	34 096	101 144
2000	40 923	24 390	31 962	97 275
1999	33 188	20 678	33 412	87 278
1998	30 230	20 601	33 168	83 999
1997	30 200	19 400	27 800	77 400

Source : Observatorio hispano-francés de Trafico en los Pirineos, Spain

USA

Performance by Mode of Transport :
Freight

1000 mio tkm

	Road (1)	Rail	Inland Water- ways	Pipe- lines	Total
2003	1 845	2 341	476	861	5 524
2002	1 833	2 344	507	856	5 539
2001	1 786	2 335	505	841	5 467
2000	1 756	2 258	526	842	5 383
1999	1 731	2 195	528	902	5 357
1998	1 677	2 115	521	905	5 217
1997	1 634	2 031	520	900	5 085
1996	1 564	2 011	518	904	4 997
1995	1 521	1 923	534	878	4 856
1990	1 247	1 554	516	853	4 170

Source : US Department of Transport

Average annual change

% per year

	Road (1)	Rail	Inland Water- ways	Pipe- lines	Total
2003	+0.7	-0.1	-6.1	+0.7	-0.3
2002	+2.6	+0.4	+0.4	+1.7	+1.3
2001	+1.7	+3.4	-4.1	-0.2	+1.6
1995-00	+2.9	+3.3	-0.3	-0.8	+2.1
1990-95	+4.0	+4.4	+0.7	+0.6	+3.1

Modal split

%

	Road (1)	Rail	Inland Water- ways	Pipe- lines
2003	33.4	42.4	8.6	15.6
2002	33.1	42.3	9.1	15.4
2001	32.7	42.7	9.2	15.4
2000	32.6	41.9	9.8	15.7
1999	32.3	41.0	9.9	16.8
1998	32.1	40.5	10.0	17.3
1997	32.1	39.9	10.2	17.7
1996	31.3	40.2	10.4	18.1
1995	31.3	39.6	11.0	18.1
1990	29.9	37.3	12.4	20.5

Note: (1) Intercity truck traffic only

USA
Performance by Mode of Transport :
Passengers
 1000 mio pkm

	Passenger Cars *	Motor-cycles	Railway	Bus	Light and Commuter rail	Air	Total
2004	7 165	21		226		896	
2003	6 997	20	22	231	18	813	8 101
2002	6 912	20	22	234	18	776	7 981
2001	6 816	19	23	241	18	783	7 900
2000	6 457	19	22	259	17	831	7 605
1999	6 321	19	21	261	16	786	7 424
1998	6 187	18	20	239	16	746	7 225
1997	6 022	18	19	233	15	725	7 032
1996	5 851	18	19	224	15	700	6 825
1995	5 702	17	17	219	15	650	6 620
1990	5 280	20	18	195	12	557	6 083

Source : US Department of Transport

Notes :

* : Passenger Cars (2004: 4335 billion pkm) and other 2-axle 4-tyre vehicles (2004: 2830 billion pkm)

Average annual change

% per year

	Passenger Cars *	Motor-cycles	Railway	Bus	Light and Commuter rail	Air	Total
2004	+2.4	+4.9		-2.1		+10.2	
2003	+1.2	+0.3	-0.4	-0.9	+0.9	+4.7	+1.5
2002	+1.4	+3.2	-3.6	-3.3	-0.4	-0.9	+1.0
1995-2000	+2.5	+1.3	+5.6	+3.4	+3.4	+5.0	+2.8
1990-1995	+1.5	-2.8	-1.6	+2.3	+3.5	+3.1	+1.7

Modal split

%

	Passenger Cars *	Motor-cycles	Railway	Bus	Light and Commuter rail	Air
2004						
2003	86.4	0.2	0.3	2.9	0.2	10.0
2002	86.6	0.2	0.3	2.9	0.2	9.7
2001	86.3	0.2	0.3	3.1	0.2	9.9
2000	84.9	0.2	0.3	3.4	0.2	10.9
1999	85.1	0.3	0.3	3.5	0.2	10.6
1998	85.6	0.3	0.3	3.3	0.2	10.3
1997	85.6	0.3	0.3	3.3	0.2	10.3
1996	85.7	0.3	0.3	3.3	0.2	10.2
1995	86.1	0.3	0.3	3.3	0.2	9.8
1990	86.8	0.3	0.3	3.2	0.2	9.2

Chapter 3.5 : Infrastructure

- 3.5.1 Road : Length of Motorways
- 3.5.2 Road: Length of Road Network
- 3.5.3 Railways : Density of Lines
- 3.5.4 Railways : Length of Lines
- 3.5.5 Railways : High Speed Rail Network
- 3.5.6 Railways : Main Railway Gauge and Electric Current Used
- 3.5.7 Air: Airports by number of passengers carried
- 3.5.8 Inland Waterways : Length in Use
- 3.5.9 Pipelines : Length of Oil Pipelines

Road : Length of Motorways (at end of year)

	km												
	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
EU25			41 499	47 579	48 663	49 964	51 847	53 426	54 358	55 735	56 700	57 881	58 998
BE	488	1203	1 666	1 666	1 674	1 679	1 682	1 691	1 702	1 727	1 729	1 729	1 747
CZ			357	414	423	486	499	499	499	517	518	518	546
DK	184	516	611	796	797	834	863	902	923	978	972	1 010	1 027
DE	6061	9225	10 854	11 190	11 246	11 309	11 427	11 515	11 712	11 786	12 037	12 044	12 174
EE			41	65	65	68	74	87	93	93	98	98	96
EL	11	91	190	420	470	500	500	500	707	742	742	742	742
ES	387	2 008	4 976	6 962	7 295	7 750	8 269	8 893	9 049	9 571	9 739	10 296	10 747
FR	1553	4862	6 824	8 275	8 596	8 864	9 303	9 626	9 766	10 068	10 223	10 379	10 383
IE	0	0	26	70	80	94	103	103	103	125	125	176	192
IT	3913	5900	6 193	6 435	6 465	6 469	6 478	6 478	6 478	6 478	6 487	6 487	6 532
CY			120	167	167	194	204	216	257	257	268	268	268
LV	-	-	-	-	-	-	-	-	-	-	-	-	-
LT			421	394	404	410	417	417	417	417	417	417	417
LU	7	44	78	123	115	118	115	115	114	126	147	147	147
HU			267	335	365	382	448	448	448	448	533	542	569
MT	-	-	-	-	-	-	-	-	-	-	-	-	-
NL	1209	1798	2 092	2 208	2 208	2 225	2 225	2 291	2 265	2 281	2 281	2 308	2 342
AT	478	938	1 445	1 596	1 607	1 613	1 613	1 634	1 633	1 645	1 645	1 670	1 677
PL			257	246	258	264	268	317	358	398	405	405	552
PT	66	132	316	687	710	797	1 252	1 441	1 482	1 659	1 836	2 002	2 100
SI			228	293	310	330	369	399	427	435	457	477	483
SK			192	198	215	219	292	295	296	296	302	313	316
FI	108	204	225	394	431	444	473	512	549	591	603	653	653
SE	403	850	939	1 262	1 350	1 423	1 439	1 484	1 499	1 507	1 544	1 591	1 650
UK	1183	2683	3 181	3 383	3 412	3 492	3 534	3 563	3 581	3 590	3 592	3 609	3 638
BG			273	277	277	314	314	314	319	324	324	328	331
RO			113						113	113	113		
HR			291						411	429	455	554	742
MK			83							145	208		
TR			281					1 749	1 773	1 851	1 851	1 881	1 892
IS	-	-	-	-	-	-	-	-	-	-	-	-	-
NO	41	57	73	107	103	109	128	128	144	143	173	194	194
CH			1 148	1 197	1 244	1 244	1 262	1 267	1 270	1 305	1 304	1 351	1 341

Source : Eurostat, International Road Federation, United Nations, national sources, estimates (*in italics*)

Note: ES: autopistas de peaje y autovías.

3.5.2

Road : Length of Road Network

	km				
	Motor - ways	State roads	Provincial roads	Comm - unal roads	Year
EU25	60 216	=====	4 732 617	=====	
BE	1 747	12 531	1 349	134 940	2004
CZ	564	6 154	48 792	72 300	2005
DK	1 032	641	9 690	60 894	2005
DE	12 174	40 969	178 298	413 000	2004
EE	98	16 442		36 441	2002
EL	742	8 588	28 826	75 600	2002-03
ES	12 444	15 991	68 094	68 623	2004
FR	10 383	26 625	359 644	604 308	2004
IE	176	5 255	11 607	78 773	2003
IT	6 487	45 696	119 644	496 894	2002
CY	268	2 380	2 641	3 577	2004
LV	-	20 309	31 787	7 338	2003
LT	417	20 928	57 986		2004
LU	147		2 747		2005
HU	542	30 536	53 749	75 930	2003
MT	-	1 439		647	2002
NL	2 342	6 650	57 500	59 400	2000-04
AT	1 677	10 280	23 086	71 059	2000-04
PL	405	18 253	157 044	201 992	2003
PT	1 836	10 564	4 500	62 528	2002
SI	569		19 628		2005
SK	313	3 335	3 729	10 396	2003
FI	653	78 197		25 000	2003
SE	1 591	15 341	82 915	40 000	2003
UK	3 609	9 466	38 462	364 689	2003
BG	331	2 969	4 012	11 976	2005
RO	113	9 141	35 853	27 817	2001
HR	742	6 683	10 544	10 375	2004
MK	208	957	3 623	8 394	2002
TR	1 892	31 446	30 368	285 739	2004
IS	-	4 272	3 936	4 796	2003
NO	194	8 877	18 181	65 259	2004
CH	1 358	398	18 094	51 446	2005

Source : Eurostat, United Nations, International Road Federation, national statistics

Note: the definition of road types varies from country to country, "communal roads" sometimes includes roads without a hard surface.

3.5.3

Railways : Density of Lines

	Area (1000 km ²)	Length of railway lines (km) (2004)			Railway lines density (length of lines/area) m/km ²
		km	of which: electrified km	%	
EU25	3974.6	197 937	100 156	51	50
BE	30.5	3 536	2 950	83	116
CZ	78.9	9 612	2 982	31	122
DK	43.1	2 785	620	22	65
DE	357.0	34 732	19 340	56	97
EE	45.2	971	131	13	21
EL	132.0	2 449	83	3	19
ES	506.0	14 395	8 156	57	28
FR	544.0	29 246	14 645	50	54
IE	70.3	1 919	52	3	27
IT	301.3	16 236	11 241	69	54
CY	9.3	-	-	-	-
LV	64.6	2 270	258	11	35
LT	65.2	1 782	122	7	27
LU	2.6	275	262	95	106
HU	93.0	7 950	2 848	36	85
MT	0.3	-	-	-	-
NL	41.5	2 811	2 064	73	68
AT	83.9	5 675	3 545	62	68
PL	312.7	20 250	11 910	59	65
PT	91.9	2 849	1 372	48	31
SI	20.3	1 229	504	41	61
SK	48.8	3 660	1 556	43	75
FI	338.1	5 741	2 619	46	17
SE	450.0	11 050	7 638	69	25
UK	244.1	16 514	5 258	32	68
BG	110.9	4 259	2 854	67	38
RO	237.5	10 844	3 929	36	46
HR	56.5	2 726	984	36	48
MK	25.3	699	233	33	28
TR	780.6	8 697	1 920	22	11
IS	103.0	-	-	-	-
NO	324.2	4 077	2 518	62	13
CH	41.3	3 381	3 381	100	82

Source : Union Internationale des Chemins de Fer, national statistics, Eurostat

Railways : Length of Lines

	km												
	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
EU25	230 650	222 741	215 441	211 215	209 710	207 275	206 602	202 998	201 303	198 222	198 766	200 375	197 937
BE	4 605	3 971	3 479	3 368	3 380	3 422	3 470	3 472	3 471	3 454	3 518	3 521	3 536
CZ				9 430	9 430	9 430	9 430	9 444	9 444	9 523	9 600	9 602	9 612
DK	2 352	2 015	2 344	2 349	2 349	2 232	2 264	2 324	2 047	2 047	2 273	2 779	2 785
DE	43 777	42 765	40 981	41 718	40 826	38 450	38 126	37 525	36 588	35 986	35 814	36 054	34 732
EE	1 227	993	1 026	1 021	1 021	966	966	968	968	967	967	967	971
EL	2 602	2 461	2 484	2 474	2 474	2 503	2 299	2 299	2 385	2 377	2 383	2 414	2 449
ES	15 850	15 724	14 539	14 291	14 294	14 294	14 284	14 310	13 868	13 868	13 856	14 387	14 395
FR	37 582	34 362	34 070	31 939	31 852	31 821	31 735	29 113	29 272	29 445	29 352	29 269	29 246
IE	2 189	1 987	1 944	1 954	1 954	1 945	1 909	1 909	1 919	1 919	1 919	1 919	1 919
IT	16 073	16 138	16 066	16 003	16 014	16 030	16 080	16 092	16 187	16 357	16 307	16 287	16 236
CY	-	-	-	-	-	-	-	-	-	-	-	-	-
LV	2 606	2 384	2 397	2 413	2 413	2 413	2 413	2 413	2 331	2 305	2 270	2 270	2 270
LT	2 015	2 008	2 007	2 002	1 997	1 998	1 998	1 905	1 905	1 696	1 775	1 774	1 782
LU	271	270	271	275	274	274	274	274	274	274	274	275	275
HU	8 487	7 836	7 838	7 988	7 988	7 988	7 988	7 988	8 005	7 736	7 949	7 950	7 950
MT	-	-	-	-	-	-	-	-	-	-	-	-	-
NL	3 147	2 880	2 798	2 739	2 739	2 805	2 808	2 808	2 802	2 809	2 806	2 811	2 811
AT	5 901	5 857	5 624	5 672	5 672	5 672	5 643	5 643	5 665	5 697	5 779	5 787	5 675
PL	26 678	27 181	26 228	23 986	23 420	23 328	23 210	22 891	22 560	20 134	20 223	20 665	20 250
PT	3 588	3 609	3 064	2 850	2 850	2 856	2 794	2 813	2 814	2 814	2 818	2 818	2 849
SI	1 055	1 058	1 196	1 201	1 201	1 201	1 201	1 201	1 201	1 229	1 229	1 229	1 229
SK				3 668	3 673	3 665	3 667	3 662	3 662	3 662	3 657	3 657	3 660
FI	5 804	6 075	5 867	5 880	5 859	5 865	5 867	5 836	5 854	5 850	5 850	5 851	5 741
SE	12 203	12 006	11 193	10 925	10 964	10 941	10 997	11 044	11 037	11 021	11 095	11 037	11 050
UK	19 330	18 030	16 914	17 069	17 066	17 176	17 179	17 064	17 044	17 052	17 052	17 052	16 514
BG	4 196	4 341	4 299	4 294	4 293	4 292	4 090	4 090	4 320	4 320	4 318	4 316	4 259
RO	11 012	11 110	11 348	11 376	11 385	11 380	11 364	11 364	11 364	11 364	11 364	10 939	10 844
HR	2 411	2 437	2 429	2 296	2 726	2 726	2 726	2 726	2 726	2 726	2 726	2 726	2 726
MK		673	696	699	699	699	699	699	699	699	699	699	699
TR	7 985	8 387	8 429	8 549	8 607	8 607	8 607	8 682	8 671	8 671	8 671	8 697	8 697
IS	-	-	-	-	-	-	-	-	-	-	-	-	-
NO	4 242	4 242	4 044	4 023	4 021	4 021	4 006	4 179	4 179	4 178	4 077	4 077	4 077
CH	3 161	3 178	3 215	3 232	3 234	3 184	3 151	3 143	3 216	3 225	3 222	3 231	3 381

Source : Union Internationale des Chemins de Fer, national statistics, Eurostat

Notes:

DE: includes DE-E: 1970=14250, 1980=14248, 1990=14031

CS: 1970:13308, 1980: 13131, 1990:13111

3.5.5

Railways : High Speed Rail Network Length of lines where the maximum speed of the train can exceed 250 km/h at some point of the journey

	km					EU-15
	BE	DE	ES	FR	IT	
2004	140	857	377	1 395	237	3 006
2003	140	645	377	1 400	237	2 799
2002	127	644	377	1 400	237	2 785
2001	73	510	377	1 382	237	2 579
2000	73	491	377	1 147	237	2 325
1999	73	491	377	1 147	237	2 325
1998	71	486	377	1 147	237	2 318
1997	71	434	377	1 152	237	2 271
1996	12	434	377	1 152	237	2 212
1995	-	-	377	1 124	-	-
1990	-	-	-	667	-	-
1988	-	-	-	402	-	402
1983	-	-	-	402	-	402
1981	-	-	-	285	-	285

Source: Union Internationale des Chemins de Fer

Potentially high speed lines under construction

LINE	Length km
BE Liege - German border	33
BE Antwerp - Dutch border	38
NL Amsterdam/Schiphol - Belgian border	120
DE Nuremberg - Ingolstadt	88
ES Lerida - Barcelona	42
ES Barcelona - French border	49
ES Madrid - Valladolid	203
ES Madrid - Valencia	104
ES Cordoba - Malaga	150
ES Leon - Asturias	25
ES Orense - Santiago	68
FR TGV-Est	302
FR Angouleme - Bordeaux	120
FR Nimes - Montpellier	60
IT Milan - Bologna	196
IT Bologna - Florence	77
IT Turin - Novara	92
IT Novara - Milan	51
IT Verona - Padova	77
IT Rome - Naples	220
SE Södertälje - Linköping	140
SE Nyland - Umeå	190
UK Ebbsfleet - London (St. Pancras)	38

Source : Union Internationale des Chemins de Fer, Community of European Railways

Notes:

The length under construction is not the distance between the above-mentioned places.

Also in operation : **UK**: 74 km; **SE**: 31 km

3.5.6

Railways : Main Railway Gauge and Electric Current Used

	Track Gauge mm	Electric current	
		dc volts	ac volts
BE	1435	3000	25000 50Hz
CZ	1435		15000 16.7Hz
DK	1435	3000	25000 50Hz
DE	1435	800-1200 (contact rail)	15000 16.7Hz
EE	1524		15000 16.7Hz
EL	600 1000 1435		25000 50Hz
ES*	1000 1435 1668	1500 3000	25000 50Hz
FR	1000 1435	750-850 (contact rail) 1500	25000 50Hz
IE	1600	1500	
IT	1435	3000	
CY	-		-
LV	1524		15000 16.7Hz
LT	1524		15000 16.7Hz
LU	1435		25000 50Hz
HU	1435		15000 16.7Hz
MT	-		-
NL	1435	1500	
AT	1435		15000 16.7Hz
PL	1435		15000 16.7Hz
PT	1000 1668		25000 50Hz
SI	1435		15000 16.7Hz
SK	1435		15000 16.7Hz
FIN	1524		25000 50Hz
SE	1435		15000 16.7Hz
UK	1435 1600 (N-IRL)	750 (contact rail)	25000 50Hz

Source: Union Internationale des Chemins de Fer, railway companies

Notes : 1435 mm = standard gauge

* **ES:** new lines have a gauge of 1435 mm and an electric current of 25000 50Hz

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 1,000,000	100,000 to 500,000	15,000 to 100,000
EU25	27	24	85	46	102	88
BE	1		1		3	
CZ	1				2	1
DK	1		1	2	3	2
DE	5	4	8	5	2	14
EE			1			
EL	1		6	2	12	10
ES	4	4	16	3	6	5
FR	2	4	9	8	23	16
IE	1		2	1	2	4
IT	2	3	15	4	6	5
CY		1	1			
LV			1			
LT			1			2
LU			1			
HU		1				2
MT			1			
NL	1		1	1	2	
AT	1		1	4		
PL		1		2	3	3
PT	1		3	1	3	2
SI			1			
SK					2	
FI	1			2	9	9
SE	1		4	2	15	8
UK	4	6	11	9	9	5
BG			3			1
RO			1		3	5
HR			2	1	1	2
MK				1		1
TR	1	1	5	1	7	10
IS			1			
NO	1		5	3	8	23
CH	1	1	1		1	2

Source : Eurostat, national sources

Notes: Latest year available, usually 2005.

41 passengers per day = 15 000 per year.

In this table, blank means none.

Inland Waterways

Length in use (Navigable canals, rivers and lakes regularly used for transport)

	km												
	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
EU25				36 379	36 024	36 232	37 517	37 431	37 653	37 371	37 322	37 026	37 142
BE	1 553	1 510	1 515	1 540	1 540	1 540	1 534	1 534	1 532	1 532	1 532	1 532	1 532
CZ				677	677	677	664	664	664	664	664	664	664
DK	-	-	-	-	-	-	-	-	-	-	-	-	-
DE	6 808	6 697	6 669	6 663	6 760	6 673	6 740	6 754	6 754	6 687	6 642	6 636	6 636
EE				520	520	320	320	320	320	320	320	320	320
EL	6	6	6	6	6	6	6	6	6	6	6	6	6
ES	70	70	70	70	70	70	70	70	70	70	70	70	70
FR	7 433	6 568	6 197	5 962	5 678	6 051	5 732	5 576	5 789	5 378	5 637	5 384	5 372
IE	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	2 337	2 337	1 366	1 466	1 466	1 463	1 477	1 477	1 477	1 477	1 477	1 477	1 477
CY	-	-	-	-	-	-	-	-	-	-	-	-	-
LV			347	360	360	360	360	360	360	360	360	360	360
LT			369	369	369	369	369	369	380	436	477	425	425
LU	37	37	37	37	37	37	37	37	37	37	37	37	37
HU			1 373	1 373	1 373	1 373	1 373	1 373	1 373	1 484	1 440	1 440	1 439
MT	-	-	-	-	-	-	-	-	-	-	-	-	-
NL	5 599	4 843	5 046	5 046	5 046	5 046	5 046	5 046	5 046	5 046	5 046	5 046	5 046
AT	350	350	351	351	351	351	351	351	351	351	351	351	351
PL			3 997	3 980	3 812	3 812	3 812	3 813	3 813	3 812	3 640	3 643	3 638
PT	124	124	124	124	124	124	124	124	124	124	124	124	124
SI	-	-	-	-	-	-	-	-	-	-	-	-	-
SK				172	172	172	172	172	172	172	172	172	172
FI	6 000	6 057	6 072	6 120	6 120	6 245	7 787	7 842	7 842	7 872	7 872	7 884	8 018
SE	390	390	390	390	390	390	390	390	390	390	390	390	390
UK	1 631	1 631	1 631	1 153	1 153	1 153	1 153	1 153	1 153	1 153	1 065	1 065	1 065
BG			470	470	470	470	470	470	470	470	470	470	470
RO			1 782						1 779	1 779			
HR													
MK	-	-	-	-	-	-	-	-	-	-	-	-	-
TR	-	-	-	-	-	-	-	-	-	-	-	-	-
IS	-	-	-	-	-	-	-	-	-	-	-	-	-
NO	-	-	-	-	-	-	-	-	-	-	-	-	-
CH			1 217	1 208	1 214	1 214	1 236	1 244	1 244	1 244	1 244	1 244	1 239

Source : Eurostat, United Nations, national statistics

Notes:

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

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

DE: includes 978 km of non-classified waterways, some of them not regularly used for transport.

IT: figure includes 428 km of rivers (of which Po: 389 km), 201 km of canals, 225 km coastal and Venice lagoon waterways (total 854 km) and in addition 612 km of passenger transport lines on the lakes in Northern Italy and in Venice.

SE: data relate to Göta canal system; only 91 km (Göta river) are regularly used for goods transport.

AT: Danube canal in Vienna not regularly used.

CH: public transport of passengers on lakes and rivers.

Pipelines

Length of oil pipelines

km

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
EU25						25 949	26 089	28 241	28 277	28 713	28 808	28 778	29 029
BE	52	458	301	294	294	294	294	294	294	294	294	294	294
CZ				581	736	736	736	736	675	675	675	675	675
DK	-	77	444	330	330	330	330	330	330	330	330	330	330
DE	2 879	2 880	3 038	2 460	2 460	2 460	2 370	2 370	2 370	2 370	2 370	2 370	2 370
EE	-	-	-	-	-	-	-	-	-	-	-	-	-
EL	-	-	-	-	-	-	-	-	-	-	70	70	122
ES	930	1 553	2 678	3 691	3 691	3 691	3 691	3 698	3 780	3 779	3 784	3 784	3 834
FR	3 609	5 254	4 948	4 983	4 983	5 746	5 746	5 746	5 746	5 746	5 746	5 746	5 746
IE	-	-	-	-	-	-	-	-	-	-	-	-	-
IT	1 939	3 069	4 086	4 235	4 233	4 145	4 331	4 364	4 346	4 358	4 379	4 383	4 387
CY	-	-	-	-	-	-	-	-	-	-	-	-	-
LV			766	766	766	766	766	766	766	766	766	766	766
LT				400	399	399	399	500	500	500	500	500	500
LU	-	-	-	-	-	-	-	-	-	-	-	-	-
HU		1 067						2 041	2 043	2 047	2 047	2 047	2 047
MT	-	-	-	-	-	-	-	-	-	-	-	-	-
NL	323	391	391	391	391	391	418	418	418	418	418	418	418
AT	604	777	777	777	777	777	777	777	777	777	777	777	777
PL		1 975	2 039	2 278	2 278	2 278	2 278	2 278	2 278	2 285	2 285	2 293	2 278
PT													80
SI	-	-	-	-	-	-	-	-	-	-	-	-	-
SK	-	-	-	-	-	-	-	-	-	-	-	-	-
FI	-	-	-	-	-	-	-	-	-	-	-	-	-
SE	-	-	-	-	-	-	-	-	-	-	-	-	-
UK	1 634	3 166	2 462	3 470	3 459	3 936	3 953	3 923	3 954	4 368	4 367	4 325	4 405
BG			578						578	578	578	578	578
RO			3 694						4 423	4 423	4 305		
HR			865						601	601	601		
MK											144	144	144
TR									2 112	2 112	2 112	2 112	2 112
IS	-	-	-	-	-	-	-	-	-	-	-	-	-
NO													
CH			239						108	108	108		

Source : Eurostat, United Nations, European Conference of Ministers of Transport, national statistics

Note:

DE : includes DE-E : 1970=1300, 1980=1301, 1990=1323

Chapter 3.6 : Means of transport

- 3.6.1 Road: Motorization: Number of passenger cars per 1000 inhabitants
- 3.6.2 Road: Passenger Cars : Stock of vehicles
- 3.6.3 Road: Buses and Coaches : Stock of vehicles
- 3.6.4 Road: Goods Vehicles : Stock of vehicles
- 3.6.5 Road: Powered Two-wheelers : Stock of vehicles
- 3.6.6 Road : New Vehicle Registrations : Passenger Cars
- 3.6.7 Road: New Vehicle Registrations: Goods vehicles
- 3.6.8 Road: New Vehicle Registrations: Buses and Coaches
- 3.6.9 Road : New Vehicle Registrations: Motorcycles
- 3.6.10 Road : Vehicle Deliveries: Mopeds
- 3.6.11 Sea: EU Merchant Fleet
- 3.6.12 Sea: World Merchant Fleet
- 3.6.13 Air: Number of Civil Aircraft In Service : Passenger aircraft
- 3.6.14 Air: Number of Civil Aircraft In Service : Freight, Special, Business aircraft
- 3.6.15 Rail: Locomotives and Railcars : Stock of vehicles
- 3.6.16 Rail: Passenger Transport Vehicles: Stocks of coaches, railcars and trailers
- 3.6.17 Rail: Goods Transport Wagons : Stock of vehicles

Road : Motorization

Number of passenger cars per 1000 inhabitants

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25	158	259	364	398	404	412	422	434	445	454	460	464	469	476
BE	213	320	387	421	427	433	440	448	456	460	462	464	467	468
CZ	70	173	234	295	310	329	339	335	335	346	357	363	373	386
DK	218	271	309	321	331	338	343	347	347	349	351	351	354	362
DE	194	330	461	501	504	508	516	521	532	538	541	546	550	559
EE	22	86	154	269	289	307	327	334	339	299	295	321	350	367
EL	26	89	170	210	209	222	236	258	289	312	331	348	368	393
ES	70	201	309	361	374	387	404	421	431	443	450	441	454	463
FR	233	354	476	481	482	484	489	498	504	509	510	507	503	500
IE	132	215	226	273	289	307	320	336	344	355	365	374	385	395
IT	189	313	483	529	521	524	539	563	572	583	588	593	581	590
CY	97	175	304	334	341	348	365	372	384	397	402	414	448	463
LV	17	66	106	134	155	178	201	221	236	250	266	280	297	324
LT	14	72	133	199	219	248	277	310	336	326	341	365	384	428
LU	212	352	477	556	557	561	593	608	622	633	641	650	659	669
HU	23	94	187	218	220	223	216	221	232	244	259	275	280	287
MT				488	487	488	507	531	483	495	508	522	525	526
NL	195	320	367	364	369	379	388	400	409	417	423	425	429	434
AT	160	297	388	452	463	475	487	501	511	519	492	498	501	503
PL	15	67	138	195	208	221	230	240	261	275	289	294	314	323
PT	49	129	172	255	273	292	310	329	336	347	373	379	389	397
SI	87	218	289	351	373	392	411	418	426	433	438	446	456	471
SK	36	110	166	189	197	211	222	229	237	240	247	252	222	242
FI	155	256	388	371	379	378	392	403	412	416	422	436	448	462
SE	283	347	419	411	413	418	428	439	450	451	452	454	456	459
UK	213	277	359	374	387	397	403	419	425	436	446	452	463	469
BG	19	92	152	197	205	209	220	233	251	264	277	296	314	329
RO	2	11	56	99	105	111	118	123	127	132	137	142	149	
HR				155	182	203	219	233	253	269	280	291	301	312
MK														
TR				49	51	55	58	60	64	65	66	66	75	80
IS			468	445	463	486	509	543	561	558	561	574	598	625
NO	177	301	380	386	378	398	402	405	411	414	417	422	429	437
CH			442	457	461	468	475	484	492	500	506	510	514	518

Source : tables 3.6.2 and 1.5

Road : Passenger Cars Stock of vehicles

thousand

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25	64 370	111 052	160 155	178 408	181 556	185 362	190 248	195 652	200 740	205 555	209 392	212 055	215 389	219 787
BE	2 060	3 159	3 864	4 273	4 339	4 415	4 492	4 584	4 678	4 740	4 787	4 821	4 874	4 919
CZ	685	1 780	2 410	3 043	3 193	3 392	3 493	3 440	3 439	3 530	3 647	3 706	3 816	3 959
DK	1 077	1 390	1 590	1 685	1 744	1 788	1 822	1 847	1 854	1 873	1 888	1 895	1 916	1 965
DE	15 107	25 870	36 772	40 988	41 372	41 674	42 324	42 840	43 772	44 383	44 657	45 023	45 376	46 090
EE	30	127	241	383	407	428	451	459	464	407	401	434	471	494
EL	227	863	1 735	2 240	2 241	2 401	2 568	2 811	3 156	3 424	3 646	3 840	4 074	4 376
ES	2 378	7 557	11 996	14 212	14 754	15 297	16 050	16 847	17 449	18 151	18 733	18 688	19 542	20 250
FR	11 900	19 100	27 072	27 872	28 017	28 201	28 627	29 272	29 808	30 330	30 591	30 583	30 537	30 497
IE	393	738	796	990	1 057	1 134	1 197	1 269	1 319	1 385	1 448	1 507	1 583	1 662
IT	10 181	17 686	27 416	30 301	29 911	30 155	31 056	32 038	32 584	33 239	33 706	34 310	33 973	34 667
CY	60	90	179	219	227	235	249	257	268	280	288	303	336	355
LV	40	166	283	332	380	432	483	526	557	586	619	649	686	742
LT	44	247	493	718	785	882	981	1 089	1 172	1 133	1 181	1 257	1 316	1 455
LU	72	129	183	229	232	237	253	263	273	281	287	293	300	307
HU	240	1 010	1 944	2 245	2 264	2 297	2 218	2 256	2 365	2 483	2 630	2 777	2 828	2 889
MT				181	182	184	192	202	189	195	202	209	211	213
NL	2 564	4 550	5 509	5 633	5 740	5 931	6 120	6 343	6 539	6 710	6 850	6 908	6 992	7 092
AT	1 197	2 247	2 991	3 594	3 691	3 783	3 887	4 010	4 097	4 182	3 987	4 054	4 109	4 157
PL	479	2 380	5 261	7 512	8 054	8 533	8 891	9 283	9 991	10 503	11 029	11 244	11 975	12 339
PT	421	1 269	1 700	2 560	2 750	2 950	3 150	3 350	3 443	3 589	3 885	3 966	4 100	4 200
SI	151	416	578	698	741	778	813	830	848	863	874	890	911	944
SK	164	552	880	1 016	1 058	1 136	1 196	1 236	1 274	1 293	1 327	1 356	1 197	1 304
FI	712	1 226	1 939	1 901	1 943	1 948	2 021	2 083	2 135	2 161	2 195	2 275	2 347	2 430
SE	2 288	2 883	3 601	3 631	3 655	3 701	3 791	3 890	3 999	4 019	4 043	4 075	4 113	4 154
UK	11 900	15 619	20 722	21 951	22 819	23 450	23 922	24 628	25 067	25 816	26 493	26 992	27 806	28 326
BG	160	820	1 317	1 648	1 707	1 731	1 809	1 908	1 993	2 086	2 174	2 309	2 438	2 538
RO	40	240	1 292	2 197	2 326	2 447	2 595	2 702	2 778	2 881	2 973	3 088	3 225	
HR				711	836	932	1 000	1 064	1 125	1 195	1 244	1 293	1 338	1 385
MK														
TR	138	742	1 650	3 059	3 274	3 570	3 838	4 072	4 422	4 535	4 600	4 700	5 401	5 773
IS			120	119	125	132	140	151	159	160	162	167	175	187
NO	690	1 230	1 613	1 685	1 661	1 758	1 786	1 814	1 852	1 873	1 900	1 934	1 978	2 029
CH			2 985	3 229	3 268	3 323	3 383	3 467	3 545	3 630	3 701	3 754	3 811	3 864

Source: Eurostat, national statistics, study for Energy and Transport DG

Note: Stock at end of year, except **BE**: 1 August; **CH**: 30 September.

Road : Buses and Coaches Stock of vehicles

thousand

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25				667.66	673.83	683.55	681.66	688.99	702.24	708.89	717.34	723.16	724.20	729.76
BE	16.17	19.56	15.64	14.65	14.68	14.67	14.59	14.67	14.72	14.68	14.77	15.06	15.33	15.39
CZ		20.30	26.00	19.70	20.50	20.80	19.96	18.98	19.06	19.12	22.07	21.35	20.67	20.85
DK	5.04	7.35	8.11	13.50	14.00	13.80	13.91	13.91	13.97	13.95	13.99	14.13	14.19	14.40
DE	63.94	95.76	100.37	85.43	84.65	83.72	83.99	84.92	86.66	86.46	85.88	86.48	85.51	83.90
EE		6.40	7.90	7.00	6.70	6.50	6.30	6.20	6.10	5.50	5.30	5.40	5.30	5.20
EL	10.55	18.01	21.43	24.60	25.10	25.60	26.32	26.80	27.04	27.12	27.25	27.14	26.78	28.04
ES	30.73	42.63	45.77	47.38	48.40	50.00	51.81	53.54	54.73	56.15	56.95	55.99	56.96	58.00
FR	41.00	59.00	70.00	81.80	82.10	82.00	84.96	85.67	85.75	86.95	85.88	87.10	88.42	90.06
IE	2.01	2.72	4.05	5.28	5.54	5.85	6.10	6.56	6.96	7.08	7.09	7.39	7.43	7.63
IT	32.90	58.15	77.73	75.02	78.18	84.18	84.82	85.76	87.96	89.86	91.72	92.70	92.87	94.44
CY		1.60	2.31	2.67	2.80	2.80	2.75	2.84	2.95	3.00	3.00	3.28	3.20	3.22
LV				16.47	17.28	18.56	11.51	11.56	11.50	11.29	11.16	10.98	10.74	10.64
LT		10.50	15.20	17.05	15.48	14.89	15.16	15.59	15.07	15.17	15.38	15.54	14.38	14.84
LU	0.56	0.65	0.76	0.87	0.91	0.94	0.95	0.98	1.05	1.12	1.18	1.23	1.27	1.34
HU		22.20	26.10	20.50	19.40	18.90	18.79	17.99	17.86	17.82	17.87	17.88	17.43	17.45
MT				1.01	0.96	1.08	1.12	1.13	1.14	1.13	1.13	1.15	1.16	1.14
NL	9.50	11.20	12.10	12.00	11.00	11.00	11.01	11.21	11.37	11.33	11.38	11.34	11.23	11.00
AT	6.80	8.98	9.40	9.75	9.74	9.70	9.68	9.83	9.92	9.90	9.18	9.23	9.41	9.30
PL		66.40	92.00	85.10	85.30	84.50	80.59	78.72	82.60	82.50	83.39	82.77	82.68	79.57
PT	5.87	8.49	12.10	15.04	15.70	16.45	17.52	18.55	19.79	21.09	21.40	21.66	21.80	22.00
SI		2.50	3.08	2.47	2.40	2.40	2.33	2.32	2.26	2.21	2.19	2.19	2.26	2.25
SK		10.00	14.30	11.81	11.32	11.24	11.29	11.10	10.92	10.65	10.59	10.57	8.92	9.11
FI	8.12	8.96	9.33	8.08	8.23	8.45	9.04	9.49	9.85	9.77	10.01	10.36	10.72	10.92
SE	14.25	12.80	14.60	14.58	14.75	14.84	14.90	14.87	14.43	14.24	14.01	13.74	13.36	13.48
UK	84.20	83.30	78.00	75.90	78.70	80.70	82.30	85.80	88.60	90.80	94.60	98.50	102.20	105.60
BG		21.00	33.80	41.00	40.80	40.40	41.50	42.00	42.30	42.90	43.20	43.70	36.00	37.20
RO		25.00	28.27	42.05	39.52	39.96	40.39	40.62	40.72	40.79	40.78	41.95	43.00	
HR				3.90	4.60	4.77	4.81	4.74	4.66	4.77	4.79	4.83	4.87	4.85
MK														
TR				263.20	277.70	298.90	319.86	333.87	354.30	358.70	361.80	368.89	471.67	501.93
IS			1.33	1.30	1.36	1.48	1.54	1.62	1.67	1.71	1.70	1.71	1.76	1.90
NO			21.22	32.52	33.96	35.17	36.22	37.04	36.69	35.67	34.11	32.37	30.59	28.78
CH			12.50	36.97	37.66	38.51	39.10	39.69	40.26	41.34	42.40	43.63	44.78	45.79

Source: Eurostat, national statistics, study for Energy and Transport DG

Notes:

The figures include all public or private vehicles able to carry 9 or more passengers.

Stock at end of year, except **BE**: 1 August; **CH**: 30 September.

DE: includes DE-E : 1970=16.7, 1980=25.3, 1990=30.0

Road : Goods Vehicles Stock of vehicles

thousand

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25				22 495	23 294	24 125	25 091	26 138	27 307	28 568	29 399	29 959	31 210	31 831
BE	212	268	343	402	457	477	495	524	548	573	587	603	626	652
CZ				203	225	247	280	283	298	321	350	366	396	439
DK	245	249	287	334	340	346	358	373	385	392	402	413	436	470
DE	1 188	1 511	1 653	2 379	2 429	2 481	2 560	2 648	2 782	2 827	2 797	2 766	2 758	2 765
EE		51	68	66	71	77	81	81	82	81	80	83	86	86
EL	105	401	743	884	902	939	974	1 010	1 043	1 086	1 109	1 131	1 159	1 211
ES	710	1 338	2 333	2 937	3 057	3 206	3 393	3 605	3 780	3 949	4 092	4 189	4 418	4 655
FR	1 504	2 457	4 670	4 926	4 976	5 100	5 214	5 320	5 456	5 816	5 903	5 986	6 057	6 115
IE	49	65	143	142	147	158	171	189	206	220	233	251	268	287
IT	877	1 338	2 349	2 709	3 000	3 072	3 151	3 221	3 378	3 542	3 752	3 934	4 016	4 180
CY		24	74	101	104	106	109	111	115	118	118	120	118	118
LV				69	73	77	85	90	97	100	103	105	108	113
LT		66	83	109	89	94	99	97	99	100	106	111	116	122
LU	9	9	11	16	18	19	21	23	25	26	27	28	28	30
HU		197	262	292	303	315	337	346	353	380	396	407	410	428
MT				41	38	46	48	50	51	44	44	45	45	44
NL	286	314	553	654	684	727	795	872	939	986	1 027	1 010	1 036	1 005
AT	371	517	639	700	711	726	742	758	770	778	756	766	775	783
PL				1 354	1 371	1 422	1 564	1 683	1 879	1 979	2 163	2 313	2 392	2 305
PT	157	350	781	912	970	1 077	1 105	1 232	1 313	1 401	1 377	1 208	1 609	1 500
SI				39	42	44	50	52	55	56	58	60	66	70
SK			92	103	97	104	113	118	114	125	137	151	152	174
FI	103	149	264	252	259	267	281	294	304	313	320	327	355	364
SE	145	182	310	308	312	321	338	354	374	396	409	422	440	461
UK	1 749	1 828	2 706	2 565	2 618	2 679	2 726	2 803	2 861	2 961	3 053	3 166	3 341	3 454
BG			162	223	230	233	242	252	259	270	280	294	318	334
RO		250	259	343	377	390	406	418	427	438	447	463	482	
HR				67	87	101	107	109	113	120	129	138	145	153
MK														
TR				830	897	1 019	1 146	1 225	1 352	1 395	1 443	1 552	1 907	2 152
IS			13	15	15	16	17	18	19	20	20	21	23	26
NO			308	350	358	377	391	403	414	427	431	438	450	465
CH	107	169	252	262	263	264	267	274	279	285	290	292	298	307

Source: Eurostat, national statistics, study for Energy and Transport DG

Notes:

The data is not fully comparable between countries.

Stock at end of year, except **BE**: 1 August; **CH**: 30 September.

DE : includes DE-E : 1970=160, 1980=234, 1990=264

CS: 1980: 130.0; 1990: 156.0

Road : Powered Two-wheelers Stock of vehicles

thousand

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
EU25								24 281	24 880	25 606		
BE		212.4	225.3	241.1	260.6	277.8	293.6	305.5	319.5	322.8	346.3	
CZ	915.2					748.1	755.5	760.2	751.6	756.6	794.0	
DK	58.0	73.9	93.9	112.1	126.9	138.3	146.4	151.3	155.7	162.1	171.9	
DE	3920.2	4184.1	4370.1	4546.6	4908.8	5062.7	4987.4	5215.1	5210.5	5356.2	5529.5	
EE	3.3	4.7	5.3	6.1	6.7	6.7	6.8	7.3	8.1	9.1	10.2	
EL						781.4	853.4	910.6	969.9	1042.6	1132.7	
ES	1 301.2	1 308.2	1 326.3	1 361.2	1 403.8	1 445.6	1 483.4	1 517.2	1 513.5	1 612.1	1 806.0	
FR	2289.0	2278.0	2298.0	2321.0	2373.0	2410.0	2440.0	2441.0	2448.0	2462.0	2480.0	
IE	23.5	23.8	24.4	24.4	26.7	30.6	32.9	33.1	35.1	34.9	34.3	
IT	6228.3	6391.2	6429.5	6823.3	7406.8	7826.9	8228.1	8578.4	8962.4	9207.0		
CY	50.4			44.3	44.8	43.3	42.0	40.3	41.5	41.4	40.4	
LV	15.8	18.4	19.3	19.4	20.1	20.7	21.4	22.2	22.9	24.0	25.2	
LT	20.0	19.4	19.1	19.3	19.5	19.8	20.2	21.0	21.9	22.9	24.0	
LU	28.4	28.9	29.7	30.6	31.8	32.8	33.6	34.7	36.0	36.9	37.7	
HU								97.6	103.5	114.0	122.7	
MT	17.4	11.7	13.9	14.8	11.9	12.4	12.8	13.3	13.7	12.8	12.0	
NL	308.0	335.0	373.0	451.4	414.0	437.8	460.8	494.5	516.6	536.9	552.9	
AT	546.4	560.2	575.7	600.7	622.9	632.7	641.4	596.8	606.9	612.2	627.7	
PL	929.0			820.0	804.0	803.0	803.0	869.0	845.5	835.8	753.6	
PT	216.3	240.9	271.7	301.0	323.9	345.9	368.1	387.0	402.8	418.7		
SI					10.0	11.3	11.7	50.8	42.5	40.4	49.4	
SK	81.8	79.5	81.1	100.9	44.2	45.6	46.7	47.9	48.7	52.0	56.4	
FI	159.5	162.8	166.6	173.3	183.2	193.4	206.2	223.6	245.4	271.7		
SE	264.2	272.7	279.4	285.9	300.5	310.1	336.3	372.4	395.6	403.3	453.1	
UK	714.0	752.0	766.0	828.0	905.0	971.0	1028.0	1090.0	1162.0	1218.0	1235.0	
BG	519.3	521.7	525.0	515.7	519.2	522.4	526.0	530.3	535.7	137.7	146.5	
RO	327.7	255.0	250.5	245.7	242.6	239.2	237.9	238.5	235.9	235.0		
HR	9.9	14.1	17.4	19.0	20.5	21.9	24.3	28.2	33.9	39.3	44.6	
MK												
TR	819.9	854.2	905.1	940.9	975.7	1011.3	1031.2	1046.9	1073.4	1218.7	1441.1	
IS	1.9	2.0	2.0	1.9	2.1	2.3	2.4	2.6	2.7	3.1	4.2	
NO	158.6	164.8	174.6	184.3	193.0	201.6	211.4	225.2	239.6	248.6	257.5	
CH	370.7	382.0	410.7	435.0	464.4	493.8	521.4	545.1	567.4	583.0	592.2	

Source: national sources

Notes:

National vehicle stock data do not always include all lower powered two-wheelers.

SI : includes mopeds only from 2002 onwards.Stock at end of year, except **BE**: 1 August; **CH**: 30 September.

Road : New Vehicle Registrations Passenger Cars

thousand

	2000	2001	2002	2003	2004	2005
EU25				14 728.7	14 976.6	14 885.4
BE	515.2	488.7	467.6	458.8	484.8	480.1
CZ				153.0	143.6	151.7
DK	112.7	96.2	111.6	96.1	121.5	146.9
DE	3 378.3	3 341.7	3 252.9	3 236.9	3 266.8	3 319.3
EE				15.6	16.4	19.6
EL	290.2	280.2	268.5	257.3	289.7	269.7
ES	1 381.3	1 425.6	1 331.9	1 383.1	1 517.3	1 528.9
FR	2 133.9	2 254.7	2 145.1	2 009.2	2 013.7	2 067.8
IE	230.8	164.7	156.1	145.2	154.1	171.7
IT	2 423.1	2 413.5	2 279.6	2 246.1	2 264.1	2 237.3
CY	7.1	7.6	7.9	7.8	18.2	17.7
LV				8.7	11.2	16.6
LT				7.5	9.5	10.5
LU	41.9	42.8	43.4	43.6	48.2	48.5
HU				208.4	207.1	199.0
MT				7.2	6.2	6.6
NL	597.6	530.2	510.7	488.8	483.7	465.2
AT	309.4	293.5	279.5	300.1	311.3	307.9
PL				358.4	318.1	235.5
PT	257.8	255.2	226.1	189.8	197.6	206.5
SI				59.5	62.0	59.3
SK				59.7	57.4	57.1
FI	134.6	109.5	116.9	147.2	142.4	147.9
SE	290.5	246.6	254.6	261.2	264.2	274.3
UK	2 221.7	2 458.8	2 563.6	2 579.1	2 567.3	2 439.7
BG			13.8	16.6	24.9	32.7
RO			88.8	106.8	145.1	172.5
HR			95.2	104.5	99.8	106.0
MK						
TR			117.6	289.0	451.4	540.0
IS		7.2	6.9	9.9	12.0	18.1
NO		91.9	88.7	89.9	115.6	109.9
CH		316.6	295.1	270.3	269.4	264.9

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

Road : New Vehicle Registrations Goods Vehicles

	Light commercial vehicles < 3.5t		Commercial Vehicles > 3,5t & < 16t			Heavy Commercial Vehicles > 16t		
	2004	2005	2003	2004	2005	2003	2004	2005
EU25	1 963 642	2 045 272		110 270	126 362		251 655	292 563
BE	58 539	62 068	2 996	2 584	3 344	7 223	7 794	9 671
CZ	17 186	15 965		2 273	2 713		4 229	5 546
DK	44 791	57 880	636	661	982	3 612	4 000	5 430
DE	185 541	193 736	36 429	38 735	42 018	46 085	53 728	59 873
EE	2 365	2 896	95	89	163	400	549	812
EL	22 543	23 071	1 255	1 288	1 114	866	944	1 353
ES	333 414	386 250	7 893	8 152	9 847	26 907	29 131	34 514
FR	407 515	419 043	9 568	9 037	11 314	36 050	38 440	49 765
IE	29 313	36 431	1 980	1 588	1 838	2 516	2 686	3 696
IT	214 009	207 400	11 212	10 843	12 101	24 349	25 350	28 666
CY	3 687	3 626	1 091	1 160	1 059	(1)	(1)	(1)
LV	1 404	1 728	98	104	286	613	782	1 023
LT	2 064	3 303	289	172	261	1 180	1 486	2 104
LU	2 670	3 025	197	159	219	1 009	879	1 361
HU	29 641	35 500	(2)	(2)	(2)	5 020	5 146	6 171
MT	375	652	(2)	(2)	(2)			
NL	86 126	65 224	2 933	2 799	3 255	10 664	11 588	12 290
AT	28 888	28 752	1 008	1 047	1 048	7 020	8 643	7 878
PL	34 508	35 270	4 295	4 092	4 377	4 624	8 449	7 417
PT	70 890	66 632	1 294	1 288	1 563	2 450	3 399	3 787
SI	6 998	6 881	353	408	346	816	1 066	1 305
SK	10 204	14 425	995	774	936	1 596	2 075	2 821
FI	17 068	15 353	1 417	1 630	1 490	2 550	2 889	3 112
SE	31 002	34 789	887	836	1 255	4 226	4 400	5 763
UK	322 901	325 372	19 902	20 551	24 833	34 230	34 002	38 205
IS	1 627	2 172	94	119	324	201	181	314
NO	31 114	35 185	3 647	3 340	3 037	2 544	3 017	4 459
CH	20 602	22 254	918	921	1 058	2 352	2 708	3 390

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

Notes:

(1): Heavy commercial vehicles included in previous columns

(2): Lorries included in previous columns

CY: new and used

Road : New Vehicle Registrations Buses and Coaches

	Light buses and coaches <3.5t			Buses and coaches > 3,5t & < 16t			Heavy buses and coaches > 16t			Total		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
EU25										47 803	49 070	
BE	671	294	346	242	245	243	611	637	594	1 524	1 176	1 183
CZ		71	39		229	207		624	630		924	876
DK	811	1 343	2 022	112	95	154	348	319	267	1 271	1 757	2 443
DE	143	78	98	907	997	907	4 619	4 322	4 421	5 669	5 397	5 426
EE		14	26		42	53		1	17		57	96
EL	95	85	45	149	101	91	668	1 323	524	912	1 509	660
ES				613	716	1 069	2 420	2 645	2 781	3 033	3 361	3 850
FR	74	107	75	1 247	1 082	1 214	3 663	3 670	4 153	4 984	4 859	5 442
IE	396	475	554	87	70	106	213	284	205	696	829	865
IT	67	40	32	1 788	1 586	1 699	2 698	3 237	3 311	4 553	4 863	5 042
CY											72	91
LV		2	13	239	151	127	32	89	24	271	242	164
LT		219	334		53	18		67	80		339	432
LU				22	16	22	113	110	136	135	126	158
HU										658	718	1 038
MT	4	21	23							111	32	25
NL	9	7	1	386	242	531	507	691	612	902	940	1 144
AT	20	19	28	85	145	124	649	765	506	754	929	658
PL	858	1 841	1 505	2	0	0				860	1 841	1 505
PT	403	393	298	338	331	323	220	310	405	961	1 034	1 026
SI	0	12	16	28	29	21	106	88	77	134	129	114
SK	8	0	2	99	70	133	113	186	142	220	256	277
FI	95	98	81	110	155	125	268	256	207	473	509	413
SE	17	134	30	282	338	290	780	661	852	1 079	1 133	1 172
UK	10 120	9 000	7 853	2 514	3 183	4 487	3 287	2 588	2 630	15 921	14 771	14 970
IS	33	38	54	4	11	17	16	7	35	53	56	106
NO	138	127	138	252	308	430	425	502	600	815	937	1 168
CH	777	822	760	81	111	99	456	487	402	1 314	1 420	1 261

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

Note: CY: new and used

Road : New Vehicle Registrations

Motorcycles

thousand

	1995	2000	2001	2002	2003	2004	2005
EU25							
BE		25.319	21.229	21.503	20.986	25.055	24.955
CZ	6.876	3.865	5.308	7.880	5.959	7.217	7.592
DK	2.288	3.300	2.416	2.625	2.824	3.631	5.780
DE	218.245	252.616	226.958	204.129	191.262	173.524	168.562
EE		0.053	0.152	0.173	0.185	0.231	0.319
EL		64.042	66.833	56.069	59.137	72.023	83.078
ES		72.022	64.129	63.365	77.439	123.143	205.626
FR		179.552	179.590	168.754	176.006	183.811	196.618
IE		3.848	4.705	5.596	2.853	2.534	2.391
IT		524.619	420.355	392.763	408.617	421.489	422.165
CY						2.256	1.941
LV							
LT		0.377	0.516	0.793	0.858	0.990	1.572
LU	0.985	1.260	1.139	1.324	1.437	1.354	
HU					8.875	16.152	12.538
MT					0.535	0.366	0.317
NL	17.799	19.626	17.562	16.845	16.737	17.566	16.815
AT	18.704	23.775	19.952	16.687	17.930	18.748	19.904
PL					7.279	10.838	
PT	12.059	17.716	17.087	14.218	11.198	11.562	11.232
SI		1.230	0.965	1.000	0.980	1.066	
SK							
FI		5.167	4.408	4.920	6.264	7.835	9.228
SE		18.401	21.074	23.052	23.660	25.300	22.763
UK		121.908	123.866	123.391	119.348	106.391	108.058

Source : Association des Constructeurs Européens de Motocycles, national sources

Notes:

CY: new and used

IT: all two-wheelers over 50cc

Road : Vehicle Deliveries

Mopeds

thousand

	1995	2000	2001	2002	2003	2004	2005
EU25							
BE	27.582	33.191	30.191	26.651	20.581	17.751	17.347
CZ					7.724	6.903	8.017
DK	10.818	9.766	6.796	5.048	3.758	4.197	4.916
DE	124.497	108.671	112.322	94.577	93.020	81.280	97.333
EE							
EL	13.500	19.243	21.149	20.221	20.921	21.856	24.107
ES	155.230	248.633	176.489	113.756	110.421	118.128	115.542
FR	218.198	192.273	184.666	166.124	166.127	166.003	154.922
IE	0.437	3.023	2.214	2.349	2.140	1.299	0.849
IT	575.112	311.836	175.543	166.755	161.893	130.282	127.461
CY							0.487
LV							
LT							
LU		0.454	0.437	0.483	0.630	0.552	
HU							
MT							
NL	59.153	66.941	56.206	53.857	45.878	39.131	40.858
AT	10.742	21.335	20.459	16.278	19.914	21.711	27.728
PL							
PT	42.000	14.969	7.636	6.731			
SI				4.984	1.996	2.613	
SK							
FI		6.423	6.705	8.835	12.751	17.808	20.895
SE	5.700	9.977	10.010	21.297	19.846	28.361	17.909
UK	6.292	48.164	45.374	36.271	36.345	27.547	24.745

Source : Association des Constructeurs Européens de Motocycles, national sources

Note: CY: new and used

Sea : EU Merchant Fleet

Ships of 1000 grt and over

Data as at January 1st, 2005

	Total fleet controlled		National flag		Foreign flag		Share of foreign flag in total fleet %	
	Number	mio dwt	Number	mio dwt	Number	mio dwt	Number	mio dwt
EU25	9 573	314.14	3 195	102.31	6 378	211.83		
BE	131	7.42	32	3.27	99	4.15	75.6	55.9
CZ								
DK*	541	16.33	242	8.33	299	8.01	55.3	49.0
DE	2 610	57.45	306	8.37	2 304	49.08	88.3	85.4
EE	85	0.25	35	0.10	50	0.15	58.8	59.3
EL	2 999	160.56	738	51.60	2 261	108.96	75.4	67.9
ES	220	4.14	139	1.08	81	3.06	36.8	73.9
FR	212	6.74	108	2.36	104	4.38	49.1	65.0
IE	42	0.20	25	0.14	17	0.06	40.5	28.9
IT	591	12.72	475	9.22	116	3.50	19.6	27.5
CY	76	3.02	22	0.49	54	2.54	71.1	83.9
LV	96	1.54	14	0.31	82	1.23	85.4	79.9
LT	50	0.34	43	0.29	7	0.05	14.0	15.4
LU								
HU								
MT	12	0.04	10	0.03	2	0.01	16.7	13.5
NL	588	6.00	439	3.73	149	2.27	25.3	37.9
AT	27	0.99	6	0.04	21	0.95	77.8	96.2
PL	100	1.75	4	0.02	96	1.74	96.0	99.1
PT	36	0.82	24	0.27	12	0.55	33.3	66.7
SI	23	0.58	-	-	23	0.58	100.0	100.0
SK								
FI	117	1.59	76	0.66	41	0.93	35.0	58.3
SE	306	6.01	146	1.43	160	4.58	52.3	76.2
UK	711	25.64	311	10.58	400	15.07	15.1	58.8
BG	105	1.64	62	1.09	43	0.55	41.0	33.7
RO	63	1.07	26	0.32	37	0.75	58.7	70.1
HR	97	2.38	65	1.30	32	1.08	33.0	45.2
MK								
TR	657	9.15	420	6.43	237	2.73	36.1	29.8
IS	30	0.24	2	0.00	28	0.24	93.3	99.2
NO	1 234	44.00	530	14.78	704	29.22	57.1	66.4
CH	298	9.47	12	0.62	286	8.85	96.0	93.4

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

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

Sea : World Merchant Fleet

by world region

Total controlled fleet				
dwt (million)				
On 1st January	1995	2000	2004	2005
Europe*	311.2	350.1	383.2	400.9
of which: EU-25	217.2	253.4	290.2	314.1
of which: EU-15	207.5	247.5	282.2	305.0
North America	51.0	49.4	49.7	45.4
Latin America	18.7	15.7	12.6	14.4
Asia/Oceania	246.7	292.7	329.5	361.3
Africa	6.7	7.1	4.7	5.1
Unknown	37.9	38.1	52.6	52.7
Total	672.4	753.2	832.2	879.9
EU-25 control of total	32.3%	33.6%	34.9%	35.7%
EU-15 control of total	30.9%	32.9%	33.9%	34.7%
EU-25 : Foreign flag share**	56.0%	67.4%	67.4%	67.4%
EU-15 : Foreign flag share**	57.7%	67.7%	67.0%	67.0%

Notes: only ships of 1000 gt and over

*: In this table Europe includes EU-25, Bulgaria, Romania, EFTA, Monaco, Gibraltar, Andorra, Turkey, Western Balkan countries, Russia, Ukraine and Moldavia

** : foreign flag share includes ships registered by EU countries in other EU countries

by type of ship

Total registered fleet				
January 1st, 2005 (ships of 300 gt and over)	Number		dwt (1000)	
	World	EU-25 flag	World	EU-25 flag
Oil tankers	7 650	1 467	336.8	80.9
Chemical tk.	1 312	193	9.1	1.4
Liquid gas tk.	1 164	195	22.5	3.8
Bulk carriers	6 190	1 292	308.8	69.5
Ore/bulk/oil carriers	157	5	10.3	0.4
General cargo	15 264	2 174	87.3	14.0
Container	3 220	797	99.2	30.1
Ro-Ro Cargo	1 208	327	8.3	3.1
Passenger & Passenger Ro-Ro	3 767	1 248	5.6	2.4
[gt (1000)]			[27.6]	[11.6]
Cruise ships (ships of 1000 gt and over)	263	67		
[gt (1000)]			[11.5]	[2.8]

Source : Institute for Shipping Economics and Logistics, Bremen

Air
Number of Civil Aircraft In Service :
Passenger aircraft

October 2006

Passenger aircraft					
	50 seats or less	51 to 150 seats	151 to 250 seats	251 seats and more	Total
EU25	772	1470	1434	498	4 174
BE	18	43	16	4	81
CZ	15	33	17		65
DK	29	48	28	5	110
DE	125	264	201	95	685
EE	8	13			21
EL	15	40	10	5	70
ES	52	135	205	54	446
FR	112	123	146	64	445
IE	6	30	145	7	188
IT	28	133	150	23	334
CY	1	2	14	2	19
LV	5	13	1		19
LT	15	6			21
LU	11	5			16
HU	8	23	14		45
MT	8	8	5		21
NL	26	77	50	42	195
AT	42	50	27	13	132
PL	25	34	14		73
PT	15	28	33	10	86
SI	10	1	2		13
SK	5	16	3		24
FI	7	41	18	8	74
SE	61	27	23	3	114
UK	125	277	312	163	877
BG	12	17	18		47
RO	20	19	3		42
HR	5	7	12		24
MK					
TR	1	44	146	23	214
IS	12	2	16	2	32
NO	48	122	12	4	186
CH	21	52	41	3	117

Source : Airclaims

Note:

More than 30 000 small private planes not included.

Air
Number of Civil Aircraft In Service :
Freight, Special, Business aircraft
 October 2006

	Freight / Cargo		Quick-change convertible	Special purpose / Ambulance	Business / Corporate / Executive
	under 100 000lbs mtow	over 100 000lbs mtow	(pass. / cargo) Multi-role		
EU25	185	180	79	78	1 235
EU15	138	176	69	70	1 196
BE	12	34	3	1	28
CZ	1			3	8
DK	1	11	7		43
DE	15	21	4	19	259
EE	5		3	1	4
EL	8	2			16
ES	33	8	12	7	72
FR	5	20	16	19	85
IE	14	3			14
IT	13	8		1	111
CY					5
LV	7	2			5
LT	6				2
LU	6	14		3	44
HU	16	1	3	2	2
MT					1
NL	1	11	3	4	32
AT	1			5	128
PL	9		4	2	6
PT	1		4	1	126
SI	3	1			5
SK					1
FI			1	2	11
SE	17		5	2	34
UK	11	44	14	6	193
BG	8	19			5
RO					9
HR			2		
MK					
TR	4	18			36
IS		13			2
NO				1	8
CH	8			4	136

Source : Airclaims

Note: Special purpose / Ambulance contains data about Hospital / Ambulance / Medevac and Special Role / Operations / Mission aircraft.

Rail : Locomotives and Railcars

Stock of vehicles

	1970	1980	1990	2000	2001	2002	2003	2004
EU25			60 347			48 986	47 939	46 129
BE	1 536	1 740	1 727	1 670	1 706	1 678	1 522	1 528
CZ				3 596	3 481	3 301	3 280	3 258
DK	480	461	524	415	495	566	458	458
DE	14 071	14 086	14 703	9 656	9 998	9 036	9 528	8 429
EE			300	194	194	236	241	178
EL	514	313	400	244	290	278	237	269
ES	1 928	1 791	1 922	1 693	1 951	1 931	1 911	1 928
FR	6 261	6 204	7 279	7 158	7 224	7 336	7 240	7 149
IE	307	192	166	172	169	225	268	306
IT	4 715	4 916	4 818	4 697	4 650	5 205	4 937	4 901
CY	-	-	-	-	-	-	-	-
LV			739	433	403	392	386	376
LT			389	419	406	390	371	367
LU	95	85	97	124	132	131	141	141
HU			2 040	1 453	1 442	1 363	1 458	1 328
MT	-	-	-	-	-	-	-	-
NL	2 140	2 174	2 372	1 965	2 128	2 029	2 118	2 076
AT	1 423	1 428	1 543	1 530	1 606	1 555	1 556	1 610
PL			6 801	5 293	5 232	5 028	4 975	4 893
PT	626	583	530	589	536	515	506	463
SI			358	300	304	310	273	273
SK				1 570	1 512	1 451	1 441	1 334
FI	877	752	669	735	724	731	731	737
SE	1 408	1 576	1 350	887		869	773	622
UK	9 510	5 452	5 610			4 430	3 588	3 505
BG	1 005	1 009	1 119	762	753	680	671	657
RO		4 564	4 515	3 440	3 341	3 594	2 173	2 071
HR	588	565	563	480	397	396	393	388
MK		91	92	101	71	71	74	73
TR	1 055	1 101	897	849	838	819	755	734
IS	-	-	-	-	-	-	-	-
NO	439	430	502	299	303	269	266	208
CH	1 116	1 205	1 254	1 528	2 011	2 008	2 164	2 224

Source : Union Internationale des Chemins de Fer

Notes : data relate to main railways (UIC members)

DE : includes DE-E : 1970=6000; 1980=5898; 1990=6597

CS : 1970: 4998; 1990: 6010

Rail : Passenger Transport Vehicles

Stock of coaches and railcars and trailers

	1970	1980	1990	2000	2001	2002	2003	2004
EU25	96 393							
BE	3 415	3 609	3 286	3 494	3 462	3 413	3 358	3 292
CZ				5 252	5 223	5 103	5 085	4 985
DK	1 526	1 613	1 594	1 590	1 573	1 704	1 538	1 525
DE	31 506	29 118	24 139	21 097	21 139	21 728	20 992	20 396
EE			596	241	308	203	251	243
EL	574	660	810	505	509	660	457	514
ES	3 904	3 721	3 839	3 765	4 262	4 345	4 408	4 473
FR	15 663	16 032	15 748	15 656	15 650	15 685	15 553	15 630
IE	484	348	314	421	418	419	405	554
IT	11 060	13 444	14 025	11 914	11 933	11 007	10 813	10 277
CY	-	-	-	-	-	-	-	-
LV			1 226	702	621	597	579	535
LT			664	563	537	509	480	475
LU	114	102	114	149	152	150	150	212
HU			4 385	3 232	3 142	3 376	3 015	3 396
MT	-	-	-	-	-	-	-	-
NL	1 919	1 958	2 268	2 742	2 742	2 693	2 758	833
AT	4 125	4 025	3 689	3 468	3 332	3 320	3 175	3 102
PL	8 522	7 493	11 928	9 761	9 529	8 965	8 818	8 658
PT	980	1 137	1 232	1 303	1 313		1 203	1 150
SI			606	461	470	482	432	403
SK				2 273	1 915	2 189	1 984	1 797
FI	1 032	1 100	957	1 003	1 011	1 030	1 060	1 029
SE	2 746	1 998	1 747	1 000		1 263	879	771
UK	18 678	17 042			10 425	16 982		12 143
BG	1 762	2 441	2 386	2 099	1 935	1 655	1 705	1 749
RO		5 579	6 352	6 234	6 245	5 467	3 629	3 407
HR	1 062	1 038	1 052	720	698	681	640	617
MK		180	175	164	139	139	137	135
TR	1 548	1 351	1 443	1 415	1 385	1 356	1 294	1 318
IS	-	-	-	-	-	-	-	-
NO	1 067	908	900	918	942	850	231	237
CH	3 816	4 006	4 136	3 333	3 925	4 020	4 076	4 359

Source : Union Internationale des Chemins de Fer, national statistics

Notes : data relate to main railways (UIC members)

DE: includes DE-E: 1970=10000, 1980=10761, 1990=9635

CS : 1970=10145 1990=8597

3.6.17

Rail : Goods Transport Wagons

Stock of vehicles

thousand

	1970	1980	1990	2000	2001	2002	2003	2004
EU25				764.2	693.7			
BE	44.7	43.0	30.3	18.8	19.7	20.3	20.1	18.8
CZ				58.5	50.2	46.8	45.5	44.8
DK	11.0	6.9	4.6	2.2	2.2	2.2		
DE	459.0	476.4	366.7	189.6	182.8	179.0	176.8	237.3
EE				5.9	6.1	7.5	17.4	20.4
EL	9.0	10.9	11.0	3.5	3.5	3.5	3.5	3.5
ES	53.3	40.8	37.7	26.5	25.9	26.2	25.4	25.5
FR	291.5	239.8	148.1	94.8	109.8	107.0	103.8	99.4
IE	9.7	4.4	1.8	1.9	1.9	1.9	1.6	0.8
IT	125.2	115.2	99.7	70.1	73.1	56.9	56.2	54.6
CY	-	-	-	-	-	-	-	-
LV			11.1	9.1	8.1	7.9	8.0	8.7
LT			12.9	13.2	12.5	12.4	12.1	13.1
LU	4.2	3.7	2.7	2.6	2.9	3.1	3.3	3.2
HU				23.5	22.8	21.8	22.2	19.8
MT	-	-	-	-	-	-	-	-
NL	18.8	11.4	6.7	4.7	3.3	2.1	1.8	
AT	39.1	38.7	34.3	24.0	25.0	24.1	22.7	22.3
PL	229.2	231.4	275.6	130.1	130.7	95.4	111.0	76.8
PT	9.0	5.9	4.6	4.2	4.2	4.3	4.0	3.5
SI			8.7	6.3	6.0	5.8	4.8	4.6
SK				27.0	24.6	24.5	24.0	24.9
FI	22.8	21.5	15.2	12.6	12.3	11.8	11.6	11.7
SE	53.4	45.9	27.5	17.6	17.6	9.9	8.5	13.6
UK	389.8	141.2	34.4		19.1	19.1		
BG	33.9	37.3	42.5	29.7	16.6	17.5	17.3	16.4
RO		144.5	166.1	118.0	96.8	101.8	75.5	64.3
HR		12.9	13.7	10.0	9.5	8.8	7.9	7.4
MK								1.5
TR	17.4	23.2	21.9	17.9	17.6	17.0	16.8	16.0
IS	-	-	-	-	-	-	-	-
NO					2.7			
CH	32.5	31.4	27.1	19.9	20.4	19.6	19.5	18.9

Source : Union Internationale des Chemins de Fer, national statistics

Notes : data relate to main railways (UIC members)

DE : includes DE-E : 1970=138.0; 1980=140.2; 1990=163.2

Chapter 3.7 : Safety

- 3.7.1 Road Fatalities by Year
- 3.7.2 Road Fatalities Country Rankings
- 3.7.3 Road Fatalities by Type of User
- 3.7.4 Road Accidents : Number of accidents involving personal injury
- 3.7.5 Railway Fatalities : Number of railway passengers killed in accidents involving railways
- 3.7.6 Air and Sea Accidents
- 3.7.7 Oil Spills at Sea

Road Fatalities

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25			70 628	58 997	55 498	56 420	55 151	54 128	52 489	50 437	49 733	46 662	43 472	41 274
BE	2 950	2 396	1 976	1449	1356	1364	1500	1397	1470	1486	1306	1214	1162	1089
CZ			1 291	1588	1562	1597	1360	1455	1486	1334	1431	1447	1382	1286
DK	1 208	690	634	582	514	489	499	514	498	431	463	432	369	331
DE	21 332	15 050	11 046	9454	8758	8549	7792	7772	7503	6977	6842	6613	5842	5361
EE			436	332	213	280	284	232	204	199	223	164	170	168
EL	1 099	1 445	2 050	2412	2157	2105	2182	2116	2037	1880	1634	1605	1670	1614
ES	5 456	6 522	9 032	5749	5482	5604	5956	5738	5777	5517	5347	5400	4749	4442
FR	16 448	13 672	11 215	8892	8540	8445	8920	8486	8079	8162	7655	6058	5530	5339
IE	540	564	478	437	453	473	458	414	418	412	376	337	374	399
IT	11 004	9 220	7 151	7020	6676	6714	6313	6688	6649	6691	6739	6065	5692	5426
CY		85	116	118	128	115	111	113	111	98	94	97	117	102
LV			947	611	550	525	627	604	588	558	559	532.44	516	442
LT			933	672	667	725	829	748	641	706	697	709	752	760
LU	132	98	70	70	71	60	57	58	76	70	62	53	50	46
HU			2 432	1589	1370	1391	1371	1306	1200	1239	1429	1326	1296	1278
MT			4	14	19	18	17	4	15	16	16	16	13	17
NL	3 181	1 997	1 376	1334	1180	1163	1066	1090	1082	993	987	1028	804	750
AT	2 507	2 003	1 391	1210	1027	1105	963	1079	976	958	956	931	878	768
PL			7 333	6900	6359	7310	7080	6730	6294	5534	5827	5640	5712	5444
PT	1 842	2 941	2 646	2711	2730	2521	2126	2028	1877	1670	1655	1542	1294	1247
SI			517	415	389	357	309	334	313	278	269	242	274	258
SK			731	660	616	788	819	647	628	614	610	645	603	560
FI	1 055	551	649	441	404	438	400	431	396	433	415	379	375	371
SE	1 307	848	772	572	537	541	531	580	591	583	560	529	480	440
UK	7 770	6 240	5 402	3765	3740	3743	3581	3564	3580	3598	3581	3658	3368	3336
BG			1 567	1264	1014	915	1003	1047	1012	1011	959	960	943	957
RO			3 782	2845	2845	2863	2778	2505	2499	2461	2398	2235	2418	2641
HR			1 360	800				662	655	647	627	701	608	597
MK										107	176	118	155	143
TR			6 286	6004	5428	5125	6083	5713	5510	4386	4274	3966	4428	4525
IS			24	24	10	15	27	21	32	24	25	23	23	19
NO			332	305	255	303	352	304	341	275	312	282	259	224
CH	1 694	1 246	954	692	616	587	597	583	592	544	513	546	510	409

Source: From 1991: CARE / Energy and Transport DG, ECMT, national statistics. Up to 1990: IRTAD(OECD)

Notes: Persons killed are all persons deceased within 30 days of the accident. Corrective factors are applied to the figures from MS not currently using this definition.

France (6 days): 1.09 up to 1993, 1.057 from 1994; **Italy** (7 days): 1.078; **Portugal** (1 day): 1.3 up to 1993, 1.14 from 1998; **Latvia**: 1.08 up to 2003

Corrective factors applied to some previous figures :

Greece : 1.18 (up to 1995); **Spain** : 1.3 (up to 1992); **Austria** : 1.12 (up to 1991)

3.7.2

Road Fatalities Country Rankings

Fatalities 2005					
per million inhabitants		per 100 million pkm		per 100000 passenger cars	
MT	42	SE	44	MT	80
NL	46	UK	49	NL	106
SE	49	NL	50	SE	106
UK	55	FI	60	DE	116
DK	61	DE	60	UK	118
DE	65	DK	62	LU	150
FI	71	IT	69	FI	153
FR	88	FR	71	IT	157
<u>EU25</u>	<u>90</u>	LU	74	DK	168
IT	93	<u>EU25</u>	<u>90</u>	FR	175
AT	93	AT	92	AT	185
IE	96	BE	97	<u>EU25</u>	<u>188</u>
LU	101	MT	106	ES	219
ES	102	ES	122	BE	221
BE	104	IE	158	IE	240
SK	104	SI	159	SI	273
PT	118	EE	173	CY	287
EE	125	PT	181	PT	297
CZ	126	CZ	182	CZ	325
HU	127	EL	223	EE	340
SI	129	SK	225	EL	369
CY	135	HU	270	PL	441
PL	143	CY	280	SK	430
EL	145	LT	291	HU	442
LV	192	PL	293	LT	522
LT	223	LV	406	LV	595

Source : tables 3.7.1, 1.5, 3.6.2, 3.3.4 , estimates

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.

pkm: passenger-kilometres of cars and motorised two-wheelers only (2004).

3.7.3

Road Fatalities by Type of User

	BE	DK	DE	EL	ES	FR	IE	IT	LU	NL	AT	PT	FI	SE	UK	EU15
	2004	2004	2004	2004	2004	2004	2003	2004	2002	2003	2004	2004	2004	2004	2004	
Total persons killed	1 162	369	5 842	1 670	4 749	5 530	337	5 692	62	1 028	878	1 294	375	480	3 368	32 836
of which:																
driver	906	269	3987	1017	2861	3891	198	3739	41	767	606	772	225	312	1998	21 589
passenger	155	57	1005	360	1197	1056	75	1164	15	163	140	290	101	101	594	6 473
pedestrian	101	43	838	293	683	583	64	710	6	97	132	232	49	67	694	4 592
other/not specified			12		8			79		1					82	182
by type of vehicle:																
car and taxi	623	186	3238	775	2691	3369	174	2824	52	483	480	537	221	288	1757	17 698
motor cycle	120	23	980	379	399	866	55	1070	0	95	98	181	22	56	581	6 464
moped	33	46		55	361	339		388	0	94	44	121	14	18	26	
bus or coach	5	1	16	8	5	21	0	24	0	0	9	3	24	4	28	148
pedal cycle	79	53	475	24	88	177	10	296	1	188	58	47	26	27	136	1 685
agricultural tractor	3	0	13	37	40	46		23	0	5	7	35	1	5	7	222
heavy goods vehicle	18	3	76	19	151	26	8	51	3	8	21	27	2	5	47	465
lorry, under 3.5 tonnes	32	13	116	74	292	86	19	58	0	55	22	103	14	5	67	956
other/not specified	249	44	928	299	722	600	71	958	6	100	139	240	51	72	719	5 198

Source: CARE / Energy and Transport DG

Note: Persons deceased within 30 days of their accident.

Road Accidents

Number of accidents involving personal injury

thousand

	1970	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
EU25			1 471.4	1 403.8						1 421.1	1 395.4	1 346.8	1 304.2	
BE	77.0	60.8	62.4	50.7	48.8	50.1	51.2	51.6	49.1	47.4	47.4	43.7	44.2	40.4
CZ			21.9	28.7	29.3	28.4	27.2	26.9	25.4	26.0	26.6	27.3	26.5	25.2
DK	19.8	12.3	9.2	8.4	8.1	8.0	7.6	7.6	7.3	6.9	7.1	6.7	6.2	5.4
DE	377.6	412.7	389.4	388.0	373.1	380.8	377.3	395.7	382.9	375.3	362.1	354.5	339.3	336.6
EE			2.1	1.6	1.3	1.5	1.6	1.5	1.5	1.9	2.2	1.9	2.2	2.3
EL	18.3	18.2	19.6	22.8	23.8	24.3	24.8	24.2	23.0	19.7	16.8	15.8	15.5	16.9
ES	58.0	67.8	101.5	83.6	85.6	86.1	97.6	97.8	101.7	100.4	98.4	100.0	94.0	91.2
FR	228.1	248.5	162.6	132.9	125.4	125.2	124.4	124.5	121.2	116.7	105.5	90.2	85.4	82.7
IE	6.4	5.7	6.1	8.1	8.7	8.5	8.2	7.8	7.7	6.9	6.6	6.0	5.8	
IT	173.1	163.8	161.8	182.8	190.1	190.0	204.6	225.6	229.0	235.4	239.4	231.7	229.2	225.1
CY			3.2	3.1		3.0	2.6	2.5	2.4	2.4	2.4	2.4	2.1	2.5
LV			4.3	4.1	3.7	3.9	4.5	4.4	4.5	4.8	5.1	5.4	5.1	4.5
LT			5.1	4.1	4.6	5.3	6.4	6.4	5.8	6.0	6.1	6.0	6.4	6.8
LU	1.6	1.6	1.2	1.1	1.1	1.0	1.1	1.1	0.9	0.8	0.8	0.7	0.7	0.7
HU		19.0	27.8	19.8	18.4	19.1	20.1	18.9	17.5	18.5	19.7	20.0	21.0	20.8
MT			0.2	1.0						1.2	1.3	1.2	1.3	1.2
NL	58.9	49.4	44.9	42.6	41.0	41.0	41.3	42.3	42.3	35.3	33.5	31.6	27.8	27.0
AT	51.6	46.2	46.3	39.0	38.3	39.7	39.2	42.3	42.1	43.1	43.2	43.4	42.7	40.9
PL		40.4	50.5	56.9	57.9	66.6	61.9	55.1	57.3	53.8	53.6	51.1	51.1	40.9
PT	22.7	33.9	45.1	48.3	49.3	49.4	49.4	48.5	44.5	42.5	42.2	41.5	38.9	37.1
SI			5.2	6.6	6.3	7.0	5.9	7.0	8.6	9.2	10.3	11.8	12.7	10.5
SK			8.2	8.7		9.5	9.7	8.6	7.9	8.2	7.9	8.6	8.4	7.9
FI	11.4	6.8	10.2	7.8	7.3	7.0	6.9	7.0	6.6	6.5	6.2	6.9	6.8	7.0
SE	16.6	15.2	17.0	15.6	15.3	15.8	15.5	15.8	15.8	15.8	16.9	18.4	18.0	18.1
UK	267.5	257.3	265.6	237.3	243.3	247.5	246.4	242.6	242.1	236.5	234.2	220.1	213.0	203.7
BG			6.5	7.4			6.9	7.6	6.9	6.7	6.8	7.0	7.6	
RO			9.7	9.1			8.5	7.8	7.6	7.2	7.0	6.7	5.3	5.5
HR			14.5	12.7			12.8	13.0	14.4	15.7	17.1	18.6	17.1	15.7
MK	3.1		2.3						1.7		1.6	1.9		
TR			55.8	66.0					75.2		65.7	67.0		
IS			0.6	1.1	1.1	1.0	1.1	1.2	1.0	0.8	1.0	0.8	0.8	0.7
NO			8.8	8.6	8.8	8.8	8.9	8.4	8.4	8.2	8.7	8.3	8.4	8.1
CH	28.7	25.6	23.8	23.0	21.6	22.1	22.2	23.4	23.7	23.9	23.6	23.8	22.9	21.7

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

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

Railway Fatalities

Number of railway passengers killed in accidents involving railways

	1970	1980	1990	1996	1997	1998	1999	2000	2001	2002	2003	2004	
EU25								149	86	156	116	105	
BE	3	4	0	6	1	3	3	3	10	0	4	1	
CZ				2				1	0	4	2	5	
DK	7	3	1	0	-	-	2	3	0	2	0	0	
DE	151	74	50	25	28	114	28	38	13	26	23	25	
EE													
EL	1	1	0	0	2	-	1	20	4	4	0	0	
ES	17	17	4	0	20	1	-	0	0	3	16	0	
FR	54	33	30	14	22	14	12	15	11	24	7	6	
IE	0	16	1	0	1	-	-	2	2	1	0	0	
IT	41	48	9	14	16	16	21	8	9	17	9	11	
CY	-	-	-	-	-	-	-	-	-	-	-	-	
LV													
LT											0	0	
LU	0	1	0	0	-	-	-	0	0	0	0	0	
HU				33	11				11	11	12	9	8
MT	-	-	-	-	-	-	-	-	-	-	-	-	
NL	10	8	2	1	-	-	1		0	0	0	0	
AT	26	9	6	3	1	4	8	4	3	13	7	2	
PL	20			21	0				20	0	16	11	15
PT	19	29	22	10	14	8	8	2	11	8	15	8	
SI				0					0	0	1	1	0
SK				0					0	0	2	2	2
FI	5	4	0	3	1	10	1	2	2	0	0	2	
SE	6	25	3	0	2	-	-	0	0	0	0	2	
UK	41	46	37	17	26	16	37	20	10	23	10	18	
BG									3	0	26	26	
RO								0	8	4	0	1	
HR											5	5	
MK													
TR	7	44	17	12					9	11	7	8	46
IS	-	-	-	-	-	-	-	-	-	-	-	-	
NO	1	1	4	0					32	2	0	0	
CH	13	7	8	14					2	3	4	9	1

Source : Union Internationale des Chemins de Fer, national statistics

Note: DE : includes DE-E : 1970=5, 1980=5, 1990=5

Air and Sea Accidents

Victims in aviation accidents

	Lives lost over EU-25 territory by any operator	Lives lost by EU-25 operators anywhere
2005	135	144
2004	6	8
2003	12	7
2002	101	96
2001	125	129
2000	122	119
1999	53	53
1998	37	32
1997	76	81
1996	50	14
1990-99/yr	57	50
1980-89/yr.	242	137
1970-79/yr.	284	288

Source : Airclaims; Airdisaster.com

Note: onboard fatalities only

Ships lost

	Tankers		Bulkers and combined carriers		Other ships	
	n°	1000 gt	n°	1000 gt	n°	1000 gt
2004	14	80	5	98	55	239
2003	9	158	8	107	74	274
2002	10	119	10	234	77	454
2001	9	202	12	341	88	319
2000	10	173	21	394	68	248
1999	6	71	11	277	55	283
1998	5	26	11	160	62	323
1997	13	308	6	137	58	274
1996	13	58	14	247	59	294

Source : Institute for Shipping Economics and Logistics, Bremen

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

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
2005		21	3	17 000
2004		12	5	15 000
2003		14	4	42 000
2002		12	3	67 000
2001		16	3	8 000
2000		19	4	14 000
1990-1999)	avge	28	8	114 000
1980-1989)	per	36	9	117 600
1970-1979)	year	54	25	314 200

Source : International Tanker Owners Pollution Federation Ltd.

Selected major oil spills

World outside Europe

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

Europe

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

Source : International Tanker Owners Pollution Federation Ltd. **Note:**

*: amount in the hold