

COMMISSION OF THE EUROPEAN COMMUNITIES

COM (79) 95 final

Brussels, 6 March 1979

SIXTH COMMISSION REPORT TO THE COUNCIL

on the results obtained using the accounting
system for expenditure on, and from the survey
of utilization of, rail, road and inland waterway
transport infrastructures

1976

SIXTH REPORT

on the results obtained using the accounting system for expenditure on, and from the survey of utilization of, rail, road and inland waterway transport infrastructures

Regulation (EEC) n° 1108/70 of the Council of 4 June 1970 (1)

YEAR 1976

SUMMARY

This sixth report broadly follows the lines of previous reports and in particular that for 1975. As far as possible the effects of trends and of progress made in calculating the marginal cost of use of the infrastructures have been taken into account. The Commission has also started a formal revision of the basic texts to take account of changes in these calculations.

The information presented in this report gives the figures received by the Commission before 15 December 1978.

The first part of the report relates to expenditures (Tables 1 to 19) and loans (Table 20), the second part presents figures on utilization (Tables 21 to 45). A few summary tables (Tables 46 - 52) have been added to the report, which also contains corrections to previous years' figures. Tables 48 to 51 in particular give figures on trends in expenditure on and the utilization of infrastructures between 1973 and 1976; they are analysed at the beginning of the report.

(1) OJ No L 130 of 15 June 1970.

ABBREVIATIONS AND SIGNS USED

-	Nil
0	Very low figure (generally less than half the last unit or decimal of the numbers mentioned in the heading)
.	Figures not available
000	thousand
mio	million
mrđ	thousand million
km	kilometre
v-km	vehicle-kilometre
tkm	tonne-kilometre
t	tonne
<	up to
>	and over
%	percentage
"	ditto
NRT	net registered tonne
kW	kilowatt (1 kW = 1,359622 HP)
EUA	unit of account of the European Communities
FB	Belgian franc
DKr	Danish krone
DM	German mark
FF	French franc
Lit	Italian lira
Flux	Luxembourg franc
Fl	Dutch guilder
£	Pound sterling

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INTRODUCTION

1. This sixth report shows that in 1976 the nine Member States together spent more than 27 000 million EUA on inland transport infrastructure; of this about 22 % was spent on railways, 75 % on roads and 3 % on inland waterways. Investment expenditure accounted for one-quarter of total expenditure on railways, but for 60 % of expenditure on roads and a little under 60 % of that on inland waterways.
2. At current prices, and compared with 1975, total expenditure on railways increased considerably, while for the other modes of transport the increase was slight. Although this was the general trend, the tables show considerable differences between the Member States.
3. For example, expenditure on railways in France appeared to be 35 % higher than in 1975, but part of this increase was due to a broader definition of infrastructure expenditure. In the other countries, with the exception of Italy, expenditure on railways was 5 to 10 % higher than in 1975. Total expenditure on roads remained the same, as decreases in Denmark, France and Germany were offset by increases of between 5 and 10 % in the other countries. With regard to inland waterways, figures differed from country to country.
4. With regard to the utilization of infrastructure, railway traffic remained at 1975 levels in terms of train-km but increased by about 3 % in terms of gross tkm worked. There was also a 3 % increase in vehicle-km travelled on roads outside built-up areas but this figure is somewhat of an underestimate because some information is missing. On the other hand, inland waterway traffic in Belgium, Germany and the Netherlands recovered well after the extremely low levels to which it fell in 1975.
5. The report also includes an attempt to analyse trends since 1973, i.e. the year when the highest traffic figures were recorded before the energy crisis and the subsequent decline in economic activity. Allowing for the inevitable differences between the Member States, the figures do show that rail infrastructure expenditure increased more rapidly than the rate of in-

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flation, whilst road expenditure dropped in real terms, although it increased somewhat in money terms. Not enough information was provided on inland waterways to form a basis for conclusions regarding general trends.

6. As far as the use of infrastructures is concerned railway traffic increased somewhat from 1973 to 1974, but the sharp decline in 1975 had not yet, despite some improvement, been caught up in 1976. On the roads, traffic was very slightly lower in 1974 than in 1973 followed by an appreciable increase in 1975, while in 1976 it exceeded 1973 levels by 5 % to 10 % in most Member States. Inland waterway traffic on the other hand followed the same pattern as the railways although the lows were lower and recoveries more substantial.

7. This report is drawn up pursuant to Council Regulation (EEC) n° 1108/70 of 4 June 1970 introducing an accounting system for expenditure on infrastructure in respect of transport by rail, road and inland waterway. It broadly follows the lines of previous reports but makes some changes to the tables on railway expenditure. In an attempt at simplification, the "charges due to lack of standardization" which proved to be unrelated to infrastructure expenditure have been omitted. Furthermore, in order to give a clearer picture of expenditure directly relating to infrastructure, compensation for pension and retirement charges are no longer added to the compensation for infrastructure charges.

8. The figures given in this report were sent to the Commission before 15 December 1978. Although information is still being sent to the Commission later, and sometimes considerably later, than the date specified in the Regulation, it is much more complete now and the quality has improved. Contact between national authorities and the Commission has helped to improve the value of the statistical information and has made their compilation easier.

9. In the first part of the report, which deals with expenditure, figures for railways are practically complete. For the roads, most countries did not provide sufficient breakdowns of the figures and some information on France, Denmark and Luxembourg is missing. Some of the statistics on inland waterways are also incomplete or too general.

10. In the expenditure section of the report the amounts expressed in national currency have been converted into European units of account at the parities for 1976 and 1975 given below. It should be emphasized that changes to the parities have an appreciable effect on the comparability of information between countries and over successive years.

<u>National currencies</u>	<u>1 EUA =</u>	
	<u>1975</u>	<u>1976</u>
BF	45,5690	43,1654
DKr	7,12266	6,76176
DM	3,04939	2,81545
FF	5,31923	5,34486
Lit	809,545	930,150
Flux	45,5690	43,1654
Fl	3,13490	2,95515
£	0,560026	0,621578

11. The second part of the report gives information on utilization. All figures are complete for the railways, while for the roads the Italian and Luxembourg information is missing and the French figures are incomplete. No information was received from France or Italy for the inland waterways.

12. The summary tables (Tables 48-51) are a first attempt at analysing the data received, the results of which are summarized in paragraphs 1 to 5. Some figures for 1975 not contained in that year's report are also annexed, together with some corrected tables for 1975 and 1974.

13. Regulation No 1108/70 required Member States to send in statistics for 1975 on the composition of commercial vehicle traffic categorized by maximum gross weight and actual axle load (Table B 2 of the regulation), but so far only the United Kingdom, Luxembourg and the Netherlands have done so. This information which is extremely voluminous will eventually be published in a form still to be decided upon by the Commission Departments.

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14. Lastly, it should be remembered that one of the aims of the report is to provide a basis for calculating the marginal cost of infrastructure. To this end, discussions took place in 1978 with government experts for the different modes of transport in order to arrive at a more detailed breakdown of certain kinds of expenditure information, but on the other hand to prune the information on infrastructure utilization. Following these discussions the Commission sent the Council a proposal for a Council Regulation (EEC)¹ amending Regulation (EEC) No 1108/70. It also adopted Commission Regulation (EEC) No 2116/78 of 7 September 1978² amending Regulation (EEC) No 2598/70. Lastly it was agreed with the experts to look into the possibility of making a distinction, which was felt to be desirable, between expenditure on new construction and extension work on the one hand and expenditure on reconstruction and renewal on the other. These changes are bound to improve reports further in future years.

¹ OJ No C 204 of 26 August 1978

² OJ No L 246 of 8 September 1978.

PART ONE

EXPENDITURE

**in terms of national currencies,
units of account and percentages**

Rail infrastructures

Road infrastructures

Inland waterway infrastructures

INFRASTRUCTURE EXPENDITURE : RAILWAYS 1976

Table 1

All Member States

Member States	Net-work	Investment expenditure				Current expenditure	Overheads	Operating expenditure	TOTAL I	Compensation for infrastructure charges	TOTAL II	Compensation for pension and retirement charges	National currencies in mio		
		New constr. and extension	Reconstr. and renewal	Total	Amortization								Interest	Loans contracted during the year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Belgique/België	SNCS/INBS	FB	2.303	2.612	4.915	5.602	2.582	8.184	13.099	5.909	13.099	2.951	85	1.134	661
Denmark	DSB	DKr	244	158	402	465	66	531	933	161	933	-	40	121	402
Deutschland	DB	DM	0	0	1.410	2.955	2.703	5.658	7.068	838	7.906	765	-	563	-
France	SNCF	FF	805	727	1.532	2.231	1.385	3.616	5.148	1.760	6.908	3	224	566	593
Ireland	CIE	£	1,4	2,6	4,0	4,8	1,4	6,2	10,2	1,7	11,9	0,1	-	-	0,3
Italia	FS	Lit x 000	76	123	199	312	168	480	679	-	679	12	-	5	100
Luxembourg	CFL	Flux	7	48	55	474	230	704	759	-	759	3	19	16	-
Nederland	NS	Fl	0	0	252	404	22	426	678	-	678	-	-	17,6	36,7
United Kingdom	BR	£	0	0	115,1	224,7	37,6	262,3	377,4	-	377,4	-	-	-	-

1) Included in the break-down of infrastructure expenditures.

2) These amounts correspond to the charges shown in columns 14 and 15 and consequently are not included in the total II in column 12.

3) No estimation available for 1976.

4) State Grant for investment in fixed assets.

5) The increase in this expenditure as compared to 1975 is partly due to the inclusion of expenses by the operating department in connection with infrastructure and of overheads on compensation payments for infrastructure charges.

All Member States

in mio of EUA

Member States	Net-work	Unit	Investment expenditure			Current expenditure	Overheads	Operating expenditure	TOTAL I	Compensation for infrastructure charges	TOTAL II	Compensation for pension and retirement charges	Financial charges		
			New constr. and extension	Reconstr. and renewal	Total								Amortisation	Interest	Loans contracted during the year
1	2	3	4	5	6 = 4+5	7	8	9 = 7+8	10 = 6+9	11	12 = 10+11	13	14	15	16
Belgique/België	SNCB/ NMBS	EUA	53,4	60,5	113,9	129,8	59,8	189,6	303,5	136,9	303,5	68,4	2,0	26,7	15,3
Danmark	DSB	EUA	36,1	23,4	59,5	68,8	9,7	78,5	138,0	23,8	138,0	-	5,9	17,9	59,5
Deutschland	DB	EUA	0	0	500,8	1.049,6	960,0	2.009,6	2.510,4	297,6	2.808,0	271,7	-	200,0	-
France	SNCF	EUA	150,6	136,0	286,6	417,4	259,1	676,5	963,1	329,3	1.292,4	3	41,9	105,9	110,9
Ireland	CIE	EUA	2,2	4,2	6,4	7,7	2,3	10,0	16,4	2,7	19,1	0,2	-	-	0,5
Italia	FS	EUA	81,7	132,2	213,9	335,4	180,6	516,0	729,9	-	729,9	12,9	-	5,4	107,5
Luxembourg	CFL	EUA	0,2	1,1	1,3	11,0	5,3	16,3	17,6	-	17,6	3	0,4	0,4	-
Niederlande	NS	EUA	0	0	85,3	136,7	7,4	144,1	229,4	-	229,4	-	-	6,0	12,4
United Kingdom	BR	EUA	0	0	185,2	361,5	60,5	422,0	607,2	-	607,2	-	-	-	-
TOTAL	EEC	EEC	0	0	1.452,9	2.517,9	1.544,7	4.062,6	5.515,5	629,6	6.145,1	353,2	50,2	362,3	306,1

1) Included in the break-down of infrastructure expenditures.

2) These amounts correspond to the charges shown in columns 14 and 15 and consequently are not included in the total II in column 12.

3) No estimation available for 1976.

4) State Grant for investment in fixed assets.

INFRASTRUCTURE EXPENDITURE : RAILWAYS 1976

Table 3

All Member States

Member States	Net-work	Unit	Investment expenditure				Current expenditure	Overheads	Operating expenditure	TOTAL I	Compensation for infrastructure charges	TOTAL II	Compensation for pension and retirement charges	Financial charges			
			New constr. and extension	Reconstr. and renewal	Total	6 = 4+5								7	8	9 = 7+8	10 = 6+9
1	2	3	4	5	6 = 4+5	7	8	9 = 7+8	10 = 6+9	11	12 = 10+11	13	14	15	16		
Belgique/België	SNCF/RMBS	%	17,6	19,9	37,5	42,8	19,7	62,5	100	45,1	100	22,5	1	8,8	5,0		
Denmark	DSB	%	26,2	16,9	43,1	49,9	7,0	56,9	100	17,2	100	-	4,3	13,0	43,1		
Deutschland	DB	%	•	•	17,8	37,4	34,2	71,6	89,4	10,6	100	9,7	-	7,1	-		
France	SNCF	%	11,7	10,5	22,2	32,3	20,0	52,3	74,5	25,5	100	3	3,2	8,2	8,6		
Ireland	CIE	%	11,5	22,0	33,5	40,3	12,1	52,4	85,9	14,1	100	1,0	-	-	2,6		
Italia	FS	%	11,2	18,1	29,3	46,0	24,7	70,7	100	-	100	1,8	-	1	14,7		
Luxembourg	CFL	%	1,1	6,3	7,4	62,5	30,1	92,6	100	-	100	3	2,3	2,3	-		
Niederland	NS	%	•	•	37,2	59,6	3,2	62,8	100	-	100	-	-	2,6	5,4		
United Kingdom	BR	%	•	•	30,5	59,5	10,0	69,5	100	-	100	-	-	-	-		
TOTAL EEC			•	•	23,6	41,0	25,1	66,1	89,7	10,3	100	5,7	1	5,9	5,0		

1) Included in the break-down of infrastructure expenditures.

2) These amounts correspond to the charges shown in columns 14 and 15 and consequently are not included in the total II in column 12.

3) No estimation available for 1976.

4) State Grant for investment in fixed assets.

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 4

Member State : BELGIQUE / BELGIË

Network : entire network	Investment expenditure				Current expenditure :	Police expenditure :	Overheads :	Operating expenditure :	Total	
	(1)	(2)	(3)	(4)					(5)	(6)
Road category	New constr. and extension :	Reconstr. and renewal :	Total	Current expenditure :	Police expenditure :	Overheads :	Operating expenditure :	FB	EUA	%
1. Autoroutes/Autosnelwegen	°	°	18.615	1.138	°	1.021	2.159	20.774	481,3	37,0
2. Autres routes de l'Etat / Andere rijkswegen	°	°	7.686	2.620	°	°	2.620	10.306	238,8	18,3
3. Routes provinciales / Provinciale wegen	°	°	376	302	°	°	302	678	15,7	1,2
4. Routes communales / Gemeentewegen	°	°	9.286	8.847	2.248	°	11.095	20.381	472,1	36,2
Certain motorways and other national roads combined	-	-	-	-	2.536	1.580	4.116	4.116	95,3	7,3
TOTAL FB	°	°	35.963	12.907	4.784	2.601	20.292	56.255		
TOTAL EUA	°	°	833,2	299,0	110,8	60,2	470,0		1.303,2	
TOTAL %	°	°	63,9	23,0	8,5	4,6	36,1			100

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 4 a

Member State : BELGIQUE / BELGIË

Network : outside built-up areas

Road category	Investment expenditure		Current expenditure:	Police expenditure	Overheads	Operating expenditure	Total			
	New constr. and extension	Reconstr. and renewal					Total	FB	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)
1. Autoroutes/Autosnelwegen	°	°	18.615	1.138	°	1.021	2.159	20.774	481,3	39,8
2. Autres routes de l'Etat / Andere rijkswegen	°	°	7.686	2.620	°	°	2.620	10.306	238,8	19,8
3. Routes provinciales / Provinciale wegen	°	°	376	302	-	°	302	678	15,7	1,3
4. Routes communales / Gemeentewegen	°	°	8.316	6.693	1.261	°	7.954	16.270	376,9	31,2
Certain motorways and other national roads combined	-	-	-	-	2.536	1.580	4.116	4.116	95,3	7,9
TOTAL FB	°	°	34.993	10.753	3.797	2.601	17.151	52.144		
TOTAL EUA	°	°	810,7	249,1	88,0	60,2	397,3		1.208,0	
TOTAL %	°	°	67,1	20,6	7,3	5,0	32,9			100

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 4 b

Member State : BELGIQUE / BELGIE

Network : within built-up areas

Road category	Investment expenditure				Current expenditure	Police expenditure	Overheads	Operating expenditure	Total	
	New constr. and extension	Reconstr. and renewal	Total	FB					EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Autoroutes/Autosnelwegen	-	-	-	-	-	-	-	-	-	-
2. Autres routes de l'Etat/Andere rijkswegen	-	-	-	-	-	-	-	-	-	-
3. Routes provinciales/Provinciale wegen	-	-	-	-	-	-	-	-	-	-
4. Routes communales/Gemeentewegen	0	0	970	2.154	987	0	3.141	4.111	95,2	100
Certain motorways and other national roads combined	-	-	-	-	-	-	-	-	-	-
TOTAL FB	0	0	970	2.154	987	0	3.141	4.111		
TOTAL EUA	0	0	22,5	49,9	22,8	0	72,7		95,2	
TOTAL %	0	0	23,6	52,4	24,0	0	76,4			100

Table 5

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Member State : DANMARK

mio of DKr, EUA and %

Road category	Investment expenditure				Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Total	
	New constr. and extension:	Reconstr. and renewal:	Total	DKr					EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1) Motorveje	430	10	440	34	0	78	112	552	81,6	16,1
2) Hovedlandeveje	247	80	327	156	0	70	226	553	81,8	16,1
3) Landeveje	277	57	334	135	0	84	219	553	81,8	16,1
4) Kommuneveje	703	56	759	733	0	278	1.011	1.770	261,8	51,7
TOTAL DKr	1.657	203	1.860	1.058	0	510	1.568	3.428		
TOTAL EUA	245,1	30,0	275,1	156,5	0	75,4	231,9		507,0	
TOTAL %	48,3	5,9	54,2	30,9	0	14,9	45,8			100

1) For the period 1.4.76 - 31.3.77 = 12 months

2) For the period 1.4.76 - 31.12.76 = 9 months

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 5a

Member State : DANMARK

mio of DKr, EUA and %

Network : outside built-up areas

Road category	Investment expenditure			Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Total		
	New constr. and extension	Reconstr. and renewal	Total					DKr	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)
1. Motorveje 1)								552	81,6	23,4
2. Hovedlandeveje 1)								431	63,8	18,2
3. Landeveje 2)								442	65,4	18,7
4. Kommuneveje 2)								938	138,7	39,7
TOTAL DK								2.363		
TOTAL EUA									349,5	
TOTAL %										100

1) For the period 1.4.76 - 31.3.77 = 12 months

2) For the period 1.4.76 - 31.12.76 = 9 months

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 5b

Member State : DANMARK

Network : within built-up areas

mio of DKr, EJA and %

Road category	Investment expenditure				Current expenditure:	Police expenditure	Overheads	Operating expenditure	Total	
	New constr. and extension	Reconstr. and renewal	Total	(2)					DKr	EJA
(1)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)	
1. Motorveje										
2. Hovedlandeveje										
3. Landeveje										
4. Kommuneveje										
TOTAL DKr									1.065	
TOTAL EJA										157,5
TOTAL %										100

1) For the period 1.4.76 - 31.3.77 = 12 months

2) For the period 1.4.76 - 31.12.76 = 9 months

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 6

Member State : DEUTSCHLAND

Network : entire network

Road category	Investment expenditure			Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	New constr. and extension	Reconstr. and renewal	Total					DM	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)
1. Bundesautobahnen	0	0	3.287	281	236	136	653	3.940	1.399,4	18,3
2. Bundesstrassen	0	0	2.259	399	809	173	1.381	3.640	1.292,9	16,9
3. Landstrassen	0	0	2.082	642	526	275	1.443	3.525	1.252,0	16,4
4. Kreisstrassen	0	0	990	470	248	109	827	1.817	645,4	8,5
5. Gemeindestrassen	0	0	5.123	1.910	914	641	3.465	8.588	3.050,3	39,9
TOTAL DM	0	0	13.741	3.702	2.733	1.334	7.769	21.510		
TOTAL EUA	0	0	4.880,6	1.314,9	970,7	473,8	2.759,4		7.640,0	
TOTAL %	0	0	63,9	17,2	12,7	6,2	36,1			100

mio of DM, EUA and %

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 6a

Member State : DEUTSCHLAND

mio of DM, EUA and %

Network : outside built-up areas

Road category	Investment expenditure			Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Total		
	(2)	(3)	(4)					(5)	(6)	(7)
	New constr. and extension	Reconstr. and renewal	Total					DM	EUA	%
1. Bundesautobahnen	0	0	3.287	281	236	136	653	3.940	1.399,4	29,4
2. Bundesstrassen	0	0	1.605	292	470	103	865	2.470	877,3	18,4
3. Landstrassen	0	0	1.425	465	328	161	954	2.379	845,0	17,8
4. Kreisstrassen	0	0	713	357	162	84	603	1.316	467,5	9,8
5. Gemeindestrassen	0	0	2.104	789	137	263	1.189	3.293	1.169,6	24,6
TOTAL DM	0	0	9.134	2.184	1.333	747	4.264	13.398		
TOTAL EUA	0	0	3.244,3	775,7	473,5	265,3	1.514,5		4.758,8	
TOTAL %	0	0	68,2	16,3	9,9	5,6	31,8			100

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 6b

Member State : DEUTSCHLAND

Network : within built-up areas

mio of DM, EUA and %

Road category	Investment expenditure		Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Total			
	New constr. and extension	Reconstr. and renewal					DM	EUA	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Bundesautobahnen	-	-	-	-	-	-	-	-	-	-
2. Bundesstrassen	0	0	654	107	339	70	516	1.170	415,6	14,4
3. Landstrassen	0	0	657	177	198	114	489	1.146	407,0	14,1
4. Kreisstrassen	0	0	277	113	86	25	224	501	177,9	6,2
5. Gemeindestrassen	0	0	3.019	1.121	777	378	2.276	5.295	1.880,7	65,3
TOTAL DM	0	0	4.607	1.518	1.400	587	3.505	8.112		
TOTAL EUA	0	0	1.636,3	539,2	497,2	208,5	1.244,9		2.881,2	
TOTAL %	0	0	56,8	18,7	17,3	7,2	43,2			100

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 7

Member State : FRANCE

Road category	Investment expenditure			Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Total		
	New constr. and extension:	Reconstr. and renewal:	Total					FF	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Autoroutes	°	°	3.725,2	1.246,0	°	°	°	9.366,8	1.752,5	43,2
2. Routes nationales	3.677,0	718,6	4.395,6	°	°	°	°	6.053,0	1.132,5	27,9
3. Chemins départementaux	°	°	2.950,0	3.103,0	°	°	°	6.250,0	1.169,3	28,9
4. Voies communales 1)	3.000,0	950,0	3.950,0	2.300,0	°	°	°	°	°	°
TOTAL FF	°	°	15.020,8	6.649,0	°	°	°	21.669,8	°	°
TOTAL EUA	°	°	2.810,3	1.244,0	°	°	°	°	4.054,3	°
TOTAL %	°	°	69,3	30,7	°	°	°	°	°	100

1) Estimate for 1975.

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 8

Member State : IRELAND

Network : entire network

000 of £, mio of EUA and %

Road category	Investment expenditure			Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	(1)	(2)	(3)					(4)	(5)	(6)
	New constr. and extension	Reconstr. and renewal	Total					£	EUA	%
1. National primary roads	0	0	5 064	2 561	0	0	2 561	7 625	12,3	12,2
2. Main roads	0	0	797	1 868	0	0	1 868	2 665	4,3	4,3
3. County roads	0	0	6 797	27 598	0	0	27 598	34 395	55,3	54,9
4. County borough roads	0	0	4 492	3 761	0	0	3 761	8 253	13,3	13,1
5. Urban roads										
- National primary (rural and urban)										
- National secondary (rural and urban)										
- Main and county										
- Other urban										
Overheads not allocated						9 712	9 712	9 712	15,6	15,5
TOTAL £	0	0	17 150	35 788	0	9 712	45 500	62 650		
TOTAL EUA	0	0	27,6	57,6	0	15,6	73,2	100,8		
TOTAL %	0	0	27,4	57,1	0	15,5	72,6			100

INFRASTRUCTURE EXPENDITURE : ROADS 1975

Table 9

Member State : ITALIA

Network : entire network
 mio x 000 of Lit, mio of EUA and %

Road category	Investment expenditure			Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	New constr. and extension	Reconstr. and renewal	Total					Lit	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Autostrade in concessione	230,2	4,5	234,7	123,6	2,6	43,0	169,2	403,9	434,2	19,8
2. Autostrade e strade statali	246,2	164,2	410,4	176,5	67,0	1)	243,5	653,9	703,0	32,0
3. Strade provinciali	°	°	76,5	216,0	2)	1)	216,0	292,5	314,5	14,3
4. Strade comunali	°	°	258,5	307,9	126,4	1)	434,3	692,8	744,8	33,9
TOTAL Lit	°	°	980,1	824,0	196,0	43,0	1.063,0	2.043,1		
TOTAL EUA	°	°	1.053,7	885,9	210,7	46,2	1.142,8		2.196,5	
TOTAL %	°	°	48,0	40,3	9,6	2,1	52,0			100

1) Included in the current expenditure.

2) Included in "Autostrade e strade statali".

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 10

Member State : LUXEMBOURG

Road category	Mio of Flux, EUA and %										
	Investment expenditure				Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Flux	Total	
	New constr. and extension	Reconstr. and renewal	Total	EUA						%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)	
1. Autoroutes	0	0	870	3	0	30	33	903	20,9	29,3	
2. Routes nationales	0	0	432	742	0	178	920	1.352	31,3	43,9	
3. Chemins repris	0	0	471	285	0	71	356	827	19,2	26,8	
4. Chemins vicinaux	0	0	471	285	0	71	356	827	19,2	26,8	
TOTAL Flux	0	0	1.773	1.030	0	279	1.309	3.082			
TOTAL EUA	0	0	41,1	23,9	0	6,4	30,3		71,4		
TOTAL %	0	0	57,5	33,4	0	9,1	42,5			100	

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 10a

Member State : LUXEMBOURG

Network : within built-up areas

mio of Flux, EUA and %

Road category	Investment expenditure			Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	New constr. and extension	Reconstr. and renewal	Total					Flux	EUA	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Autoroutes										
2. Routes nationales	0	0	93,0	77,2	0	41,3	118,5	211,5	4,9	21,8
3. Chemins repris										
4. Chemins vicinaux	0	0	443,1	249,4	0	64,9	314,3	757,4	17,5	78,2
TOTAL Flux	0	0	536,1	326,6	0	106,2	432,8	968,9		
TOTAL EUA	0	0	12,4	7,6	0	2,4	10,0		22,4	
TOTAL %	0	0	55,3	33,7	0	11,0	44,7			100

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 10b

Member State : LUXEMBOURG

Network : outside built-up areas

mio of Flux, EUA and %

Road category	Investment expenditure			Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Total		
	New constr. and extension:	Reconstr. and renewal:	Total					Flux	EUA	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)
1. Autoroutes										
2. Routes nationales	°	°	1.209	667,8	°	166,7	834,5	2.043,5	47,3	96,7
3. Chemins repris										
4. Chemins vicinaux	°	°	27,9	35,6	°	6,1	41,7	69,6	1,7	3,3
TOTAL Flux	°	°	1.236,9	703,4	°	172,8	876,2	2.113,1		
TOTAL EUA	°	°	28,7	16,3	°	4,0	20,3	49		
TOTAL %	°	°	58,5	33,3	°	8,2	41,5			100

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 11

Member State : NEDERLAND

Network : entire network

mio of Fl, EUA and %

Road category	Investment expenditure			Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	New constr. and extension	Reconstr. and renewal	Total					Fl	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Autosnelwegen	•	•	796	86	•	282	368	1.164	393,9	21,7
2. Overige wegen van het rijkswegenplan	•	•	56	52	•	35	87	143	48,4	2,7
3. Secundaire wegen	•	•	237	89	•	-	89	326	110,3	6,0
4. Tertiaire wegen	•	•	90	53	•	-	53	143	48,4	2,7
5. Overige verharde wegen	•	•	1.329	591	•	13	604	1.933	654,1	36,0
Expenses not allocated (bridges, tunnels, lighting, police)	•	•	273	444	923	19	1.386	1.659	561,4	30,9
TOTAL Fl	•	•	2.781	1.315	923	349	2.587	5.368		
TOTAL EUA	•	•	941,1	445,0	312,3	118,1	875,4		1.816,5	
TOTAL %	•	•	51,8	24,5	17,2	6,5	48,2			100

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 11a

Member State : NEDERLAND

Network : outside built-up areas

mio of Fl, EUA and %

Road category	Investment expenditure			Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	New constr. and extension	Reconstr. and renewal	Total					Fl	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Autosnelwegen	•	•	796	86	•	282	368	1.164	393,9	44,0
2. Overige wegen van het rijkswegenplan	•	•	56	52	•	35	87	143	48,4	5,4
3. Secundaire wegen	•	•	228	85	•	-	85	313	105,9	11,8
4. Tertiaire wegen	•	•	66	42	•	-	42	108	36,5	4,1
5. Overige verharde wegen	•	•	180	158	•	13	171	351	118,8	13,2
Expenses not allocated (bridges, tunnels, lighting, police)	•	•	119	97	348	3	448	567	191,9	21,5
TOTAL Fl	•	•	1.445	520	348	333	1.201	2.646		
TOTAL EUA	•	•	489,0	176,0	117,8	112,6	406,4		895,4	
TOTAL %	•	•	54,6	19,7	13,2	12,5	45,4			100

Table 11b

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Member State : NEDERLAND

Network : within built-up areas

Road category	Investment expenditure			Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	New constr. and extension	Reconstr. and renewal	Total					Fl	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Autosnelwegen										
2. Overige wegen van het rijkswegenplan				4	0	-	4	13	4,4	0,5
3. Secundaire wegen				11	0	-	11	35	11,9	1,3
4. Tertiaire wegen				433	0	-	433	1.582	535,3	58,1
5. Overige verharde wegen				347	575	16	938	1.092	369,5	40,1
Expenses not allocated (bridges, tunnels, lighting, police)										
TOTAL Fl			1.336	795	575	16	1.386	2.722		
TOTAL EUA			452,1	269,0	194,6	5,4	469,0		921,1	
TOTAL %			49,1	29,2	21,1	0,6	50,9			100

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Table 12

Member State : UNITED KINGDOM

Network : entire network

mio of £, EUA and %

Road category	Investment expenditure			Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	(2)	(3)	(4)					(9)	(10)	(11)
	New constr. and extension	Reconstr. and renewal	Total					£	%	
	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Motorways	0	0	212,3	29,8	10,0	10,5	50,3	262,6	422,5	15,9
2. Trunk roads	0	0	231,6	51,8	20,7	13,1	85,6	317,2	510,3	19,2
3. Principal and other roads	0	0	368,1	474,0	76,6	152,3	702,9	1.071,0	1.723,0	64,9
TOTAL £	0	0	812,0	555,6	107,3	175,9	838,8	1.650,8		
TOTAL EUA	0	0	1.306,3	893,9	172,6	283,0	1.349,5		2.655,8	
TOTAL %	0	0	49,2	33,7	6,5	10,6	50,8			100

Table 13

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1976

Member State : BELGIQUE / BURGIE

Network : entire network	Mio of FB, EUA and %										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Category of waterway and deadweight tonnage (t)	Investment expenditure			Total	Current expenditure	Police expenditure	Overheads	Operating expenditure	FB	EUA	%
	New constr. and extension	Reconstr. and renewal	Total								
Regulated rivers											
I 250 - 399	9	6	15	0	-	0	0	20	35		
II 400 - 599	34	6	40	0	-	0	0	19	59		
III 600 - 999	-	-	-	0	-	0	0	-	1		
IV 1.000 - 1.499	-	-	-	0	-	0	0	777	910		
V 1.500 - 2.999	82	51	133	0	-	0	0	24	25		
VI ≥ 3.000 t	-	1	1	0	-	0	0	841	1.030		17,0
Total	125	64	189	0	-	0	0	841	1.030		23,9
Canalized rivers											
I 250 - 399	614	46	660	0	-	0	0	233	893		
II 400 - 599	23	1	24	0	-	0	0	26	50		
III 600 - 999	-	-	-	0	-	0	0	-	-		
IV 1.000 - 1.499	389	45	434	0	-	0	0	173	607		
V 1.500 - 2.999	15	2	17	0	-	0	0	46	63		
VI ≥ 3.000 t	-	-	-	0	-	0	0	-	-		
Total	1.041	94	1.135	0	-	0	0	478	1.613		26,6
Canals											
I 250 - 399	863	63	926	0	-	0	0	304	1.230		
II 400 - 599	176	8	184	0	-	0	0	120	304		
III 600 - 999	-	-	-	0	-	0	0	-	-		
IV 1.000 - 1.499	31	27	58	0	-	0	0	86	144		
V 1.500 - 2.999	1.139	35	1.174	0	-	0	0	113	1.287		
VI ≥ 3.000 t	202	-	202	0	-	0	0	122	324		
Total	2.411	133	2.544	0	-	0	0	745	3.289		54,3
Other waterways	117	5	122	0	-	0	0	8	130		2,1
TOTAL FB	3.694	296	3.990	0	-	0	0	2.072	6.062		
TOTAL EUA	85,5	6,9	92,4	0	-	0	0	48,0	140,4		
TOTAL %	60,9	4,9	65,8	0	-	0	0	34,2			100

Table 14

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1976

Member State : GERMANY

Network : entire network	Investment expenditure						Operating expenditure				Total	
	Category of waterway and deadweight tonnage (t)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
		New constr. and extension	Reconstr. and renewal	Total	Current expenditure	Police expenditure	Overheads	Operating expenditure	DM	EUA	%	
Regulated rivers												
I 250 - 399	-	-	-	-	-	-	-	-	-	-	-	-
II 400 - 599	-	-	-	0,5	9,7	-	3,2	12,9	13,4	-	-	-
III 600 - 999	-	-	-	53,7	22,6	-	5,6	28,2	81,9	-	-	-
IV 1.000 - 1.499	-	-	-	68,5	44,0	-	19,4	63,4	131,9	-	-	-
V 1.500 - 2.999	-	-	-	5,3	5,5	-	3,2	8,7	14,0	-	-	-
VI ≥ 3.000 t	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	128,0	81,8	18,5	31,4	131,7	259,7	92,2	24,7	-
Canalized rivers												
I 250 - 399	-	-	-	10,0	15,3	-	5,8	21,1	31,1	-	-	-
II 400 - 599	-	-	-	-	-	-	-	-	-	-	-	-
III 600 - 999	-	-	-	71,2	103,9	-	32,9	136,8	208,0	-	-	-
IV 1.000 - 1.499	-	-	-	0	2,0	-	0,2	2,2	2,2	-	-	-
V 1.500 - 2.999	-	-	-	-	-	-	-	-	-	-	-	-
VI ≥ 3.000 t	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	81,2	121,2	6,9	38,9	167,0	248,2	88,2	23,7	-
Canals												
I 250 - 399	-	-	-	-	-	-	-	-	-	-	-	-
II 400 - 599	-	-	-	-	-	-	-	-	-	-	-	-
III 600 - 999	-	-	-	134,5	33,6	-	10,5	44,1	178,6	-	-	-
IV 1.000 - 1.499	-	-	-	244,2	69,1	-	20,4	89,5	333,7	-	-	-
V 1.500 - 2.999	-	-	-	-	-	-	-	-	-	-	-	-
VI ≥ 3.000 t	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	378,7	102,7	8,0	30,9	141,6	520,3	184,8	49,5	-
Other waterways	-	-	-	11,0	8,0	1,1	2,2	11,3	22,3	7,9	2,1	-
TOTAL DM	-	-	-	598,9	313,7	34,5	103,4	451,6	1.050,5	-	-	-
TOTAL EUA	-	-	-	212,7	111,4	12,3	36,7	160,4	373,1	-	-	-
TOTAL %	-	-	-	57,0	29,9	3,3	9,8	43,0	100	-	-	-

Table 15

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1976

Member State : FRANCE

Network : entire network		Investment expenditure						Operating expenditure			Total			
		New constr. and extension		Reconstr. and renewal		Total		Current expenditure	Police expenditure	Overheads	Operating expenditure	FF	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7							
Regulated rivers														
I 250 - 399														
II 400 - 599		1,76	1,76											
III 600 - 999														
IV 1.000 - 1.499														
V 1.500 - 2.999	61,07		61,07											
VI \geq 3.000 t														
Total	61,07	1,76	62,83											
Canalized rivers														
I 250 - 399		7,51	7,51											
II 400 - 599		1,65	1,65											
III 600 - 999														
IV 1.000 - 1.499	23,93		23,93											
V 1.500 - 2.999	1,16		1,16											
VI \geq 3.000 t	187,50		187,50											
Total	212,59	9,16	221,75											
Canals														
I 250 - 399		55,52	55,52											
II 400 - 599														
III 600 - 999	9,15	3,21	3,21											
IV 1.000 - 1.499														
V 1.500 - 2.999	3,28		3,28											
VI \geq 3.000 t														
Total	12,43	58,73	71,16											
Other waterways														
TOTAL FF	286,09	69,65	355,74				187,0	542,74						
TOTAL EUA	53,5	13,0	66,5				35,0	101,5						
TOTAL %	52,7	12,8	65,5				34,5	100						

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1976

Table 16

Member State : ITALIA

mio x 000 Lit, mio of EUA and %

Network : entire network	Investment expenditure		Current expenditure	Police expenditure	Overheads	Operating expenditure	Total	
	New constr. and extension	Reconstr. and renewal					Lit	EUA
	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9) = (10) / (11)
Regulated rivers								
I 250 - 399								
II 400 - 599								
III 600 - 999								
IV 1.000 - 1.499								
V 1.500 - 2.999								
VI ≥ 3.000 t								
Total								
Canalized rivers								
I 250 - 399								
II 400 - 599								
III 600 - 999								
IV 1.000 - 1.499								
V 1.500 - 2.999								
VI ≥ 3.000 t								
Total								
Canals								
I 250 - 399								
II 400 - 599								
III 600 - 999								
IV 1.000 - 1.499								
V 1.500 - 2.999								
VI ≥ 3.000 t								
Total								
Other waterways								
TOTAL Lit								
TOTAL EUA								
TOTAL %								

Table 17

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1976

Member State : LUXEMBOURG

Network : entire network	Investment expenditure						Operating expenditure			Total		
	Category of waterway and deadweight tonnage (t)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
		New constr. and extension	Reconstr. and renewal	Total	Current expenditure	Police expenditure	Overheads			Flux	EUA	%
Regulated rivers												
I	250 - 399											
II	400 - 599											
III	600 - 999											
IV	1.000 - 1.499											
V	1.500 - 2.999											
VI	≥ 3.000 t											
	Total											
Canalized rivers												
I	250 - 399											
II	400 - 599											
III	600 - 999											
IV	1.000 - 1.499		3,0		3,0	1,5	0,5	1,7	3,7	6,7		
V	1.500 - 2.999											
VI	≥ 3.000 t											
	Total		3,0		3,0	1,5	0,5	1,7	3,7	6,7	0,16	100
Canals												
I	250 - 399											
II	400 - 599											
III	600 - 999											
IV	1.000 - 1.499											
V	1.500 - 2.999											
VI	≥ 3.000 t											
	Total											
Other waterways												
	TOTAL Flux		3,0		3,0	1,5	0,5	1,7	3,7	6,7		
	TOTAL EUA		0,07		0,07	0,04	0,01	0,04	0,09		0,16	
	TOTAL %		44,8		44,8	22,4	7,4	25,4	55,2			100

Table 18

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1976

Member State : NEDERLAND

mio of Fl, EUA and %

Network : entire network	Investment expenditure		Current expenditure:	Police expenditure	Overheads	Operating expenditure	Total			
	New constr. and extension:	Reconstr. and renewal					Fl	EUA	%	
Category of waterway and deadweight tonnage (t)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)		(10)
Regulated rivers										
I 250 - 399	-	-	-	0,4	-	-	0,4	0,4		
II 400 - 599	o	o	2,3	1,3	-	-	1,3	3,6		
III 600 - 999	-	-	-	0,6	-	-	0,6	0,6		
IV 1.000 - 1.499	o	o	6,6	4,6	3,4	3,4	8,0	14,6		
V 1.500 - 2.999	o	o	1,0	8,3	3,0	3,0	11,3	12,3		
VI ≥ 3.000 t	o	o	15,9	4,5	6,5	6,5	11,0	26,9		
Total	o	o	25,8	19,7	12,9	12,9	32,6	58,4	19,8	12,0
Canalized rivers										
I 250 - 399	-	-	-	0,6	-	-	0,6	0,6		
II 400 - 599	o	o	-	2,1	-	-	2,1	2,6		
III 600 - 999	o	o	0,5	0,6	0,3	0,3	0,9	1,3		
IV 1.000 - 1.499	o	o	0,4	10,4	12,1	12,1	22,5	50,9		
V 1.500 - 2.999	o	o	28,4	2,1	7,5	7,5	9,6	30,9		
VI ≥ 3.000 t	o	o	21,3	15,8	19,9	19,9	35,7	86,3	29,2	17,8
Total	o	o	50,6	33,4	49,7	49,7	83,4	167,1	58,4	34,8
Canals										
I 250 - 399	o	o	1,5	2,6	-	-	2,6	4,1		
II 400 - 599	o	o	12,9	20,8	6,9	6,9	27,7	40,6		
III 600 - 999	o	o	0,4	1,7	0,1	0,1	1,8	2,2		
IV 1.000 - 1.499	o	o	20,1	32,1	6,4	6,4	38,5	58,6		
V 1.500 - 2.999	o	o	16,6	22,5	12,5	12,5	35,0	51,6		
VI ≥ 3.000 t	o	o	57,8	1,0	18,8	18,8	19,8	77,6		
Total	o	o	109,3	80,7	44,7	44,7	125,4	234,7	79,4	48,3
Other waterways										
TOTAL Fl	o	o	33,3	27,8	7,5	7,5	35,3	68,6	23,2	14,1
TOTAL EUA	o	o	219,0	144,0	85,0	85,0	267,0	486,0		7,8
TOTAL %	o	o	74,1	48,7	28,8	28,8	90,4	164,5		100
TOTAL %	o	o	45,1	29,6	17,5	17,5	54,9			

1) Police expenditure.

Table 19

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1976

Member State : UNITED KINGDOM

000 of £, mio EUA and %

Network : entire network	Investment expenditure						Operating expenditure	Total			
	New constr. and extension :		Reconstr. and renewal :		Current expenditure :	Police expenditure :		Overheads :	£	EUA	%
	(2)	(3)	(4)	(5)							
Category of waterway and deadweight tonnage (t)											
Regulated rivers											
I 250 - 399											
II 400 - 599											
III 600 - 999											
IV 1.000 - 1.499											
V 1.500 - 2.999											
VI ≥ 3.000 t											
Total				446	4	30	480	480	0,77	33,1	
Canalized rivers											
I 250 - 399											
II 400 - 599											
III 600 - 999											
IV 1.000 - 1.499											
V 1.500 - 2.999											
VI ≥ 3.000 t											
Total				573	-	48	621	621	1,00	42,7	
Canals											
I 250 - 399											
II 400 - 599											
III 600 - 999											
IV 1.000 - 1.499											
V 1.500 - 2.999											
VI ≥ 3.000 t											
Total				343	-	8	351	351	0,57	24,2	
Other waterways											
TOTAL £				1.362	4	86	1.452	1.452	2,34		
TOTAL EUA				2,19	0,01	0,14	2,34	2,34		100	
TOTAL %				93,8	0,3	5,9	100,0	100,0			

PART TWO

UTILIZATION

Rail infrastructures

Road infrastructures

Inland waterway infrastructures

UTILIZATION OF INFRASTRUCTURES : RAILWAYS 1976

Table 22

All Member States

Network : entire State networks

Classification	Railway traffic		Total for each country			Total for the nine
	Passenger	Goods	Electric	Other		
1. Train-km						
Belgique/België	74,2	23,8	53,4	46,6	4,1	
Danmark	83,5	16,5	18,5	81,5	2,1	
Deutschland	62,7	35,1	66,7	33,3	29,3	
France	55,3	43,9	63,5	36,5	24,4	
Ireland	57,5	34,2	-	100,0	0,6	
Italia	75,6	20,0	71,7	28,3	13,4	
Luxembourg	56,4	34,5	41,8	58,2	0,3	
Nederland	86,5	13,5	80,1	19,9	5,1	
United Kingdom	71,8	23,9	37,7	62,3	20,7	
Total	66,6	31,0	59,3	40,7	100	
2. Gross tkm worked						
Belgique/België	48,6	50,9	49,4	50,6	4,1	
Danmark	64,9	35,1	12,6	87,4	1,5	
Deutschland	38,2	61,0	78,7	21,3	29,9	
France	36,6	63,0	76,1	23,9	31,0	
Ireland	47,1	50,0	-	100,0	0,4	
Italia	59,4	35,8	88,8	11,2	13,6	
Luxembourg	28,6	71,4	47,6	52,4	0,2	
Nederland	68,4	31,6	82,2	17,8	2,8	
United Kingdom	53,8	37,6	33,6	66,4	16,5	
Total	44,9	52,7	69,4	30,6	100	

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 23

Vehicle-km travelled annually on roads outside built-up areas

Member State : BELGIQUE / BELGIË

Network : entire network

mio v-km 1)

Category of vehicle	Category of roads			Total
	Autoroutes/ Autosnelwegen	Autres routes de l'Etat/Ande- re rijkswegen	Routes pro- vinciales/ Provinciale wegen	
	Number	%	Number	%
1. Passenger vehicles with less than 10 seats	26.000	90,9		
2. Vans with total permitted laden weight less than 3 t	322	1,1		
3. Goods vehicles	1.360	4,8		
4. Goods vehicles with trailer	101	0,4		
5. Tractors with semi-trailer	472	1,6		
6. Buses and coaches	333	1,2		
7. Vehicles used for the transport of abnormal loads and special vehicles	0	0		
8. Agricultural vehicles	0	0		
Total	28.588	100		

1) Estimate.

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 24

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : DANMARK

Network : entire network

mic v-km

Category of vehicle	Category of roads				Total
	Motorveje	Hovedlandeveje	Landeveje	Kommuneveje	
1. Passenger vehicles with less than 10 seats					20.216
2. Vans with total permitted laden weight less than 3 t					2.796
3. Goods vehicles					2.011
4. Goods vehicles with trailer					357
5. Tractors with semi-trailer					273
6. Buses and coaches					329
7. Vehicles used for the transport of abnormal loads and special vehicles					0
8. Agricultural vehicles					0
Number	1.800	7.800	5.500	10.900	25.982
%	6,9	30,0	21,2	41,9	100

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 25

Vehicle-km travelled annually on roads outside built-up areas

Member State : DEUTSCHLAND

Network : entire network

mio v-km

Category of vehicle	Category of roads				Total		
	Bundes- autobahnen	Bundes- strassen	Land- strassen	Kreis- strassen		Gemeinde- strassen	
1. Passenger vehicles with less than 10 seats	54.000	44.745	32.138	16.606	19.511	167.000	85,3
2. Vans with total permitted laden weight less than 3 t	1.328	1.646	1.439	834	424	5.671	2,9
3. Goods vehicles	2.409	2.627	1.882	1.027	459	8.404	4,3
4. Goods vehicles with trailer	3.785	1.875	765	284	215	6.924	3,5
5. Tractors with semi-trailer	2.177	789	261	97	85	3.409	1,7
6. Buses and coaches	480	660	539	256	172	2.107	1,1
7. Vehicles used for the transport of abnormal loads and special vehicles	121	384	654	662	464	2.285	1,2
8. Agricultural vehicles							
Number	64.300	52.726	37.678	19.766	21.330	195.800	
%	32,8	26,9	19,3	10,1	10,9	100	

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 26

Vehicle-km travelled annually on roads outside built-up areas

Member State : FRANCE

Network : entire network

mic v-km

Category of vehicle	Category of roads			Total
	Autoroutes	Routes nationales	Cheminements départementaux : communaux	
1. Passenger vehicles with less than 10 seats		44.800		
2. Vans with total permitted laden weight less than 3 t		2.400		
3. Goods vehicles		8.700		
4. Goods vehicles with trailer				
5. Tractors with semi-trailer		400		
6. Buses and coaches		200		
7. Vehicles used for the transport of abnormal loads and special vehicles				
8. Agricultural vehicles				
Total	30.500	56.500	115.000	212.000
%	14,4	26,7	54,2	100

Table 28

UTILIZATION OF INFRASTRUCTURES : ROADS 1975

Vehicle-km travelled annually on roads outside built-up areas

Member State : LUXEMBOURG

Network : entire network

mic v-km

Category of vehicle	Category of roads			Total
	Routes d'Etat	Chemins repris	Chemins vicinaux	
1. Passenger vehicles with less than 10 seats	624	199	76	899
2. Vans with total permitted laden weight less than 3 t	46	17	3	66
3. Goods vehicles	46	16	3	65
4. Goods vehicles with trailer	8	1	0	9
5. Tractors with semi-trailer	18	4	0	22
6. Buses and coaches	10	5	2	17
7. Vehicles used for the transport of abnormal loads and special vehicles	3	2	1	6
8. Agricultural vehicles	1	3	1	5
Number	756	247	86	1.089
%	69,4	22,7	7,9	100

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 29

Vehicle-km travelled annually on roads outside built-up areas

Member State : NEDERLAND

Network : entire network

mio v-km

Category of vehicle	Category of roads					Total
	Autosnel- wegen	Andere belangrijke rijkswegen	Secundaire wegen	Tertiaire wegen	Overige wegen	
1. Passenger vehicles with less than 10 seats	12.179	5.577	5.394	3.072	4.420	30.642
2. Vans with total permitted laden weight less than 3 t	402	193	235	132	190	1.152
3. Goods vehicles	904	447	401	207	298	2.257
4. Goods vehicles with trailer	330	173	95	50	72	720
5. Tractors with semi-trailer	387	200	121	43	62	813
6. Buses and coaches	100	53	70	25	36	284
7. Vehicles used for the transport of abnormal loads and special vehicles	0	0	6	7	10	23
8. Agricultural vehicles	0	7	13	21	31	72
Number	14.302	6.650	6.335	3.557	5.119	35.963
%	39,8	18,5	17,6	9,9	14,2	100

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 30

Vehicle-km travelled annually on roads outside built-up areas

Member State : UNITED KINGDOM

Network : entire network

mic v-km

Category of vehicle	Category of roads				Total	
	Motorways	Trunk roads	Principal roads	Sub principal and unclassified	Number	%
1. Passenger vehicles with less than 10 seats	17.303	24.282	27.331	32.191	101.107	79,5
2. Vans with total permitted laden weight less than 3 t	1.397	2.436	2.708	4.264	10.805	8,5
3. Goods vehicles	2.436	2.627	2.225	2.144	9.432	7,4
4. Goods vehicles with trailer	22	18	6	3	49	0
5. Tractors with semi-trailer	1.902	1.528	506	273	4.209	3,3
6. Buses and coaches	244	378	433	468	1.523	1,3
7. Vehicles used for the transport of abnormal loads and special vehicles	0	0	0	0	0	0
8. Agricultural vehicles	0	0	0	0	0	0
Total	23.304	31.269	33.209	39.343	127.125	100
	18,3	24,6	26,1	31,0		

NOTE : Excluding Northern Ireland.

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 31

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : BELGIQUE / BELGIË

Network : entire network

mio v-km and % 1)

Category of vehicle	Mio vehicle-km and %			%	
	Outside built-up areas	Within built-up areas	Total	Outside	Within Total
1. Passenger vehicles with less than 10 seats	26.000	9.000	35.000	74,3	25,7
2. Vans with total permitted laden weight less than 3 t	322	107	429	75,1	24,9
3. Goods vehicles	1.360	340	1.700	80,0	20,0
4. Goods vehicles with trailer	101	25	126	80,2	19,8
5. Tractors with semi-trailer	472	118	590	80,0	20,0
6. Buses and coaches	333	203	536	62,1	37,9
7. Vehicles used for the transport of abnormal loads and special vehicles	0	0	0	0	0
8. Agricultural vehicles	0	0	0	0	0
Total : Number	28.588	9.793	38.381	100	25,5
Total : %	100	100	100	74,5	25,5

1) Estimate.

Table 32

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : DANMARK

Network : entire network

mio v-km and %

Category of vehicle	Mio vehicle-km and %		Total	%	
	Outside built-up areas	Within built-up areas		Outside	Within
1. Passenger vehicles with less than 10 seats	18.600	7.400	20.216	77,8	100
2. Vans with total permitted laden weight less than 3 t			2.796	10,8	100
3. Goods vehicles			2.011	7,7	100
4. Goods vehicles with trailer			357	1,4	100
5. Tractors with semi-trailer			273	1,1	100
6. Buses and coaches			329	1,2	100
7. Vehicles used for the transport of abnormal loads and special vehicles			0	0	100
8. Agricultural vehicles			0	0	100
Total : Number	18.600	7.400	25.982		
Total : %	100	100		100	28,4

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 33

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : DANMARK

Network : entire network

mio v-km and %

Road category	Mio vehicle-km and %			%	
	Outside built-up areas	Within built-up areas	Total	Outside	Within Total
1. Motorveje	1.800	0	1.800	100	0 100
2. Hovedlandeveje	6.400	1.400	7.800	82,1	17,9 100
3. Landeveje	4.500	1.000	5.500	81,8	18,2 100
4. Kommuneveje	5.900	5.000	10.900	54,1	45,9 100
Number	18.600	7.400	26.000		
Total				100	100
%				71,5	28,5

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 34

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : DEUTSCHLAND

Network : entire network.

mio v-km and %

Category of vehicle	Mio vehicle-km and %		Total	%	
	Outside built-up areas	Within built-up areas		Outside	Within
1. Passenger vehicles with less than 10 seats	167.000	85,3			
2. Vans with total permitted laden weight less than 3 t	5.671	2,9			
3. Goods vehicles	8.404	4,3			
4. Goods vehicles with trailer	6.924	3,5			
5. Tractors with semi-trailer	3.409	1,7			
6. Buses and coaches	2.107	1,1			
7. Vehicles used for the transport of abnormal loads and special vehicles	2.285	1,2			
8. Agricultural vehicles					
Total	195.800	100			

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 35

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : FRANCE

Network : entire network

mio v-km and %

Category of vehicle	Mio vehicle-km and %		Total	%	
	Outside built-up areas	Within built-up areas		Outside	Within
1. Passenger vehicles with less than 10 seats					
2. Vans with total permitted laden weight less than 3 t					
3. Goods vehicles					
4. Goods vehicles with trailer					
5. Tractors with semi-trailer					
6. Buses and coaches					
7. Vehicles used for the transport of abnormal loads and special vehicles					
8. Agricultural vehicles					
Total	212.000	75.000	287.000	100	100
				73,9	26,1
				100	100

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 36

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : IRELAND

Network : entire network

mio v-km and %

Category of vehicle	Mio vehicle-km and %		Total	%	
	Outside built-up areas	Within built-up areas		Outside	Within
1. Passenger vehicles with less than 10 seats	8,500	73,3			
2. Vans with total permitted laden weight less than 3 t	1,000	8,6			
3. Goods vehicles	1,100	9,5			
4. Goods vehicles with trailer	20	0,2			
5. Tractors with semi-trailer	230	2,0			
6. Buses and coaches	150	1,3			
7. Vehicles used for the transport of abnormal loads and special vehicles	50	0,4			
8. Agricultural vehicles	550	4,7			
Number	11.600				
Total				100	

UTILIZATION OF INFRASTRUCTURES : ROADS 1975

Table 37

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : LUXEMBOURG

Network : entire network

mio v-km and %

Category of vehicle	Mio vehicle-km and %		
	Outside built-up areas	Within built-up areas	Total
1. Passenger vehicles with less than 10 seats	899	82,6	
2. Vans with total permitted laden weight less than 3 t	66	6,0	
3. Goods vehicles	65	6,0	
4. Goods vehicles with trailer	9	0,8	
5. Tractors with semi-trailer	22	2,0	
6. Buses and coaches	17	1,5	
7. Vehicles used for the transport of abnormal loads and special vehicles	6	0,6	
8. Agricultural vehicles	5	0,5	
Total : Number	1.089	0	0
Total : %	100	0	0

UTILIZATION OF INFRASTRUCTURES : ROADS 1976

Table 38

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : NEDERLAND

mio v-km and %

Network : entire network

Category of vehicle	Mio vehicle-km and %		Total	%	
	Outside built-up areas	Within built-up areas		Outside	Within
1. Passenger vehicles with less than 10 seats	30.642	85,2			
2. Vans with total permitted laden weight less than 3 t	1.152	3,2			
3. Goods vehicles	2.257	6,3			
4. Goods vehicles with trailer	720	2,0			
5. Tractors with semi-trailer	813	2,2			
6. Buses and coaches	284	0,8			
7. Vehicles used for the transport of abnormal loads and special vehicles	23	0,1			
8. Agricultural vehicles	72	0,2			
Total	35.963	100			

Vehicle-km travelled annually on roads within and outside built-up areas

Member State : UNITED KINGDOM

Network : entire network

mio v-km and %

Category of vehicle	Mio vehicle-km and %			Total	%			
	Outside built-up areas	Within built-up areas			Outside	Within	Total	
1. Passenger vehicles with less than 10 seats	101.107	79,5	99.426	200.533	81,6	50,4	49,6	100
2. Vans with total permitted laden weight less than 3 t	10.805	8,5	10.554	21.359	8,7	50,6	49,4	100
3. Goods vehicles	9.432	7,4	5.331	14.763	6,0	63,9	36,1	100
4. Goods vehicles with trailer	49	°	14	63	°	77,8	22,2	100
5. Tractors with semi-trailer	4.209	3,3	1.182	5.391	2,2	78,1	21,9	100
6. Buses and coaches	1.523	1,3	2.000	3.523	1,5	43,2	56,8	100
7. Vehicles used for the transport of abnormal loads and special vehicles	°	°	°	°	°	°	°	°
8. Agricultural vehicles	°	°	°	°	°	°	°	°
Total	127.125	100	118.507	245.632	100	51,8	48,2	100

NOTE : Excluding Northern Ireland.

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1976

Member State : BELGIQUE / BELGIË

Table 40

Network : entire network

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Tkm deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250	379	59	977
250 - 399	11.898	4.234	
400 - 649	3.851	1.944	235
650 - 999	2.173	1.828	66
1.000 - 1.499	1.600	1.951	89
≥ 1.500	552	1.095	
Total	20.453	11.111	1.367
b) Dumb barges (t)			
< 250	43	6	5
250 - 399	22	7	
400 - 649	24	13	1
650 - 999	11	9	0
1.000 - 1.499	46	60	5
≥ 1.500	28	53	
Total	174	148	11
c) Pushed barges (t)			
< 400	81	26	2
400 - 649	9	4	1
650 - 999	37	33	2
1.000 - 1.499	204	270	6
≥ 1.500	183	379	5
Total	514	712	16
d) Sea-going vessels with net tonnage of : (NRT)			
< 300	-	-	-
300 - 999	-	-	-
≥ 1.000	-	-	-
Total	-	-	-
e) Tugs with a power of : (kW)			
< 184	167	X	12
184 - 293	55		2
294 - 734	53		1
≥ 735	-		-
Total	275		15
f) Pusher craft with a power of : (kW)			
< 184	29	X	1
184 - 293	37		2
294 - 734	215		8
≥ 735	-		-
Total	281		11
g) Passenger vessels			
	-	X	-

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1976

Table 41

Member State : DEUTSCHLAND

Network : entire network

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Tkm deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250	704	142	19
250 - 399	7.208	2.481	218
400 - 649	14.758	7.788	384
650 - 999	28.311	23.880	624
1.000 - 1.499	31.368	38.626	631
≥ 1.500	9.819	18.438	91
Total	92.168	91.355	1.967
b) Dumb barges (t)			
< 250	41	4	1
250 - 399	12	3	0
400 - 649	105	59	3
650 - 999	761	599	9
1.000 - 1.499	666	821	14
≥ 1.500	292	590	4
Total	1.877	2.076	31
c) Pushed barges (t)			
< 400	149	50	4
400 - 649	302	139	4
650 - 999	574	521	2
1.000 - 1.499	447	567	4
≥ 1.500	7.289	16.477	39
Total	8.761	17.754	53
d) Sea-going vessels with net tonnage of : (NRT)			
< 300	377	52	13
300 - 999	28	11	0
≥ 1.000	-	-	-
Total	405	63	13
e) Tugs with a power of : (kW)			
< 184	221		6
184 - 293	490		13
294 - 734	270		3
≥ 735	130		0
Total	1.111		22
f) Pusher craft with a power of : (kW)			
< 184	459		5
184 - 293	551		10
294 - 734	1.271		5
≥ 735	2.712		16
Total	4.993		36
g) Passenger vessels			
	-		-

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1976

Table 42

Member State : NEDERLAND

Network : entire network

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Tkm deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250	6.431	1.160	236
250 - 399	17.164	5.733	512
400 - 649	20.150	10.560	544
650 - 999	17.696	14.809	324
1.000 - 1.499	11.953	15.175	198
≥ 1.500	5.111	10.611	83
Total	78.505	58.048	1.897
b) Dumb barges (t)			
< 250	475	58	27
250 - 399	174	59	9
400 - 649	584	310	6
650 - 999	266	235	5
1.000 - 1.499	1.027	1.253	7
≥ 1.500	602	1.301	10
Total	3.128	3.216	64
c) Pushed barges (t)			
< 400	304	98	5
400 - 649	295	167	2
650 - 999	433	362	15
1.000 - 1.499	481	607	11
≥ 1.500	8.220	19.498	86
Total	9.733	20.732	119
d) Sea-going vessels with net tonnage of : (NRT)			
< 300	350	138	9
300 - 999	216	201	2
≥ 1.000	51	228	2
Total	617	567	13
e) Tugs with a power of : (kW)			
< 184	1.487		50
184 - 293	623		18
294 - 734	1.222		19
≥ 735	57		2
Total	3.389		89
f) Pusher craft with a power of : (kW)			
< 184	132		5
184 - 293	159		9
294 - 734	831		21
≥ 735	2.357		24
Total	3.479		59
g) Passenger vessels			
	987		24

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1976

Table 43

Member State : UNITED KINGDOM

Network : entire network

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Ton deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250	169	23	40
250 - 399	108	32	13
400 - 649	81	39	10
650 - 999	13	10	-
1.000 - 1.499	-	-	-
≥ 1.500	-	-	-
Total	371	104	63
b) Dumb barges (t)			
< 250	2	0	0
250 - 399	-	-	-
400 - 649	30	13	2
650 - 999	-	-	-
1.000 - 1.499	-	-	-
≥ 1.500	-	-	-
Total	32	13	2
c) Pushed barges (t)			
< 400	135	23	24
400 - 649	-	-	-
650 - 999	-	-	-
1.000 - 1.499	-	-	-
≥ 1.500	-	-	-
Total	135	23	24
d) Sea-going vessels with net tonnage of : (NRT)			
< 300	19	9	-
300 - 999	-	-	-
≥ 1.000	-	-	-
Total	19	9	-
e) Tugs with a power of : (kW)			
< 184	30		2
184 - 293	-		-
294 - 734	-		-
≥ 735	-		-
Total	30		2
f) Pusher craft with a power of : (kW)			
< 184	44		8
184 - 293	-		-
294 - 734	-		-
≥ 735	-		-
Total	44		8
g) Passenger vessels			
	-		-

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1976

Table 44

All Member States

Network : entire network

Category of vessels	Belgique/ België	Deutsch- land	France	Italia	Neder- land	United Kingdom	Total	
							Number	%
1. Vessel-km in 000								
Motorships	20.453	92.168			78.505	371		
Dumb barges	174	1.877			3.128	32		
Pushed barges	514	8.761			9.733	135		
Sea-going vessels	-	405			617	19		
Tugs	275	1.111			3.389	30		
Pusher craft	281	4.993			3.479	44		
Passenger ships	-	-			987	-		
Total	Number	21.697	109.315	°	°	99.838	631	°
Total	%	°	°	°	°	°	°	°
2. Tkn deadweight in mio								
Motorships	11.111	91.355			58.048	104		
Dumb barges	148	2.076			3.216	13		
Pushed barges	712	17.754			20.732	23		
Sea-going vessels	-	63			567	9		
Total	Number	11.971	111.248	°	°	82.563	149	°
Total	%	°	°	°	°	°	°	°
3. Vessels passed locks in 000								
Motorships	1.367	1.967			1.897	63		
Dumb barges	11	31			64	2		
Pushed barges	16	53			119	24		
Sea-going vessels	-	13			13	-		
Tugs	15	22			89	2		
Pusher craft	11	36			59	8		
Passenger ships	-	-			24	-		
Total	Number	1.420	2.122	°	°	2.265	99	°
Total	%	°	°	°	°	°	°	°

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1976

Table 45

All Member States

Network : entire network

Category of waterway	Belgique/ België	Deutsch- land	France	Italia	Neder- land	United Kingdom	Total	
							Number	%
1. Vessel-km in 000								
Regulated rivers	3.927	71.244			48.408	127		
Canalized rivers	6.269	19.163			11.909	409		
Canals	11.435	18.566			23.977	95		
Other waterways	66	342			15.544	-		
Total	21.697	109.315	•	•	99.838	631	•	•
2. Tkm deadweight in mio								
Regulated rivers	2.756	78.138			46.331	48		
Canalized rivers	2.638	18.497			6.746	86		
Canals	6.560	14.412			17.409	15		
Other waterways	17	201			12.077	-		
Total	11.971	111.248	•	•	82.563	149	•	•
3. Vessels passed locks in 000								
Regulated rivers	2	19			94	1		
Canalized rivers	617	1.188			337	81		
Canals	800	915			1.673	17		
Other waterways	1	-			161	-		
Total	1.420	2.122	•	•	2.265	99	•	•

INFRASTRUCTURE EXPENDITURE

Table 46

Railways, Roads and Inland waterways

1976

mio of EUA

Member States	Railways			Roads			Inland waterways			Total of the three modes
	Investment	Operations	Compensation for infrastructure charges	Investment	Operations	Total	Investment	Operations	Total	
Belgique/België	114	190	137 1)	833	470	1.303	92	48	140	1.747
Denmark	60	78	-	275	232	507	-	-	-	645
Deutschland	501	2.009	298	4.881	2.759	7.640	213	160	373	10.821
France	287	676	329	2.810	1.244	4.054	67	35	102	5.448
Ireland	6	10	3	28	73	101	-	-	-	120
Italia	214	516	-	1.216	1.143	2.359	5	3	8	3.097
Luxembourg	1	17	-	41	30	71	0	0	0	89
Nederland	85	144	-	941	875	1.816	74	90	164	2.209
United Kingdom	185	422	-	1.306	1.350	2.656	-	2	2	3.265
EEC	1.453	4.062	630	12.331	8.176	20.507	451	338	789	27.441

1) Included in the breakdown of infrastructure expenditure

UTILIZATION OF INFRASTRUCTURES

Table 47

Railways, Roads and Inland waterways

1976

Member States	Railways		Roads outside built-up areas		Inland waterways		
	Train-km mio	Gross tkm worked 000 mio	Vehicle-km 000 mio	Vessel-km mio	Tkm	deadweight : 000 mio	Vessel : passing locks : mio
Belgique/België	88,2	39,7	29	21,6	11,9		1,4
Danmark	44,2	15,1	19	-	-		-
Deutschland	631,4	292,8	196	109,3	111,2		2,1
France	525,4	303,6	212	0	0		0
Ireland	12,0	3,4	12	-	-		-
Italia	290,1	133,6	0	0	0		0
Luxembourg	5,5	2,1	1	1)	1)		1)
Nederland	109,2	27,5	36	99,8	82,5		2,2
United Kingdom	445,7	162,1	127	0,6	0,2		0,1
EEC	2.151,7	979,9	632 2)	231,3 3)	205,8 3)		5,8 3)

1) Included in the German figures.

2) Excluding Italy.

3) Excluding France and Italy.

INFRASTRUCTURE EXPENDITURE
RAILWAYS, ROADS AND INLAND WATERWAYS

Table 48

1973 - 1976

mio of national currencies

Member States	Railways 4)					Roads					Inland waterways				
	1973	1974	1975	1976	1977	1973	1974	1975	1976	1977	1973	1974	1975	1976	1977
Belgique/België	8.473	9.963	11.897	13.099		40.315	41.592	48.421	56.255		3.587	3.911	5.494	6.062	
Denmark	547	699	869	933		2.363	2.964	3.469	3.428		-	-	-	-	
Deutschland	5.965 5)	6.869	7.234	7.906		19.902	21.703	21.952	21.510		949	1.022	1.095	1.051	
France	3.359	4.165	5.030	6.908 7)		10.936 1)	12.585 1)	16.982 1)	15.420 1)		398 3)	398 3)	515 3)	356 3)	
Ireland	6,1	8,5	11,0	11,9		45 2)	51,3	58,9	62,7		-	-	-	-	
Italia 6)	384	433	494	679		1.771	1.811	2.086	2.194		0	0	0	0	
Luxembourg	687	762	894	759		2.057	2.565	2.839	3.082		16,7	8,8	11,7	6,7	
Nederland	441	476	622	678		3.270	4.355	5.008	5.368		422	434	433	486	
United Kingdom	218	285	361	377		1.108	1.315	1.560	1.651		0	0	0	0	

1) Excluding "voies communales"

2) Estimate

3) Investment only

4) Normalised expenditures + compensation for infrastructure charges

5) Including DM 700 (estimate) as compensation for infrastructure charges

6) In 000 Lit

7) See note 5) of table 1

INFRASTRUCTURE EXPENDITURE
RAILWAYS, ROADS AND INLAND WATERWAYS

Table 49

1973 - 1976

Member States	mio ECU														
	Railways 4)					Roads					Inland waterways				
	1973	1974	1975	1976	1977	1973	1974	1975	1976	1977	1973	1974	1975	1976	1977
Belgique/België	177,3	214,7	261,0	303,5	843,4	896,4	1.062,5	1.303,2	75,0	84,3	120,6	140,4			
Denmark	73,8	96,3	122,0	138,0	318,6	408,3	487,0	507,0	-	-	-	-			
Deutschland	1.820,6 5)	2.227,6	2.372,3	2.808,0	6.074,3	7.038,4	7.198,8	7.640,0	289,6	331,4	359,1	373,1			
France	614,3	726,4	945,7	1.292,4	2.000,1 1)	2.194,8 1)	3.192,7 1)	2.885,0 1)	72,8 3)	69,4 3)	96,8 3)	66,5 3)			
Ireland	12,1	16,7	19,7	19,1	89,6 2)	100,6	105,3	100,8	-	-	-	-			
Italia	535,7	558,2	610,2	729,9	2.470,5	2.334,3	2.577,8	2.358,8	-	-	-	7,6			
Luxembourg	14,4	16,4	19,6	17,6	43,0	55,3	62,2	71,4	0,3	0,2	0,3	0,2			
Nederland	128,6	148,6	198,4	229,4	953,8	1.360,0	1.597,5	1.816,5	123,1	135,5	138,2	164,5			
United Kingdom	434,0	559,0	643,7	607,2	2.205,8	2.579,4	2.785,0	2.655,8	-	-	2,0	2,4			
EEC	3.810,8	4.563,9	5.192,6	6.145,1	14.999,1	16.967,5	19.068,8	19.338,5	560,8	620,8	717,0	754,7			

1) Excluding "voies communales"

2) Estimate

3) Investment only

4) Normalised expenditures + compensation for infrastructure charges

5) Including 213 ECU (estimate) as compensation for infrastructure charges

UTILIZATION OF INFRASTRUCTURES
OF THE THREE MODES OF TRANSPORT

Table 50

1973 - 1976

	Railways						Roads outside built-up areas						Inland waterways							
	Train-km in mio			Gross tkm worked in mrd			Vehicle-km in mrd			Vessel-km in 000			Tm deadweight in mio							
	1973	1974	1975	1976	1973	1974	1975	1976	1973	1974	1975	1976	1973	1974	1975	1976				
B	88,5	91,1	87,4	88,2	42,3	44,5	39,2	39,7	25,8	26,9	27,9	28,6	23,5	24,1	18,1	21,6	11,8	12,1	9,5	11,9
DK	42,7	44,0	44,3	44,2	14,8	14,9	14,7	15,1	1) 2) 25,0	2) 25,5	2) 25,8	2) 26,0	-	-	-	-	-	-	-	-
D	689,2	692,4	648,4	631,4	323,7	322,0	283,6	292,8	176,6	176,6	193,2	195,8	108,0	105,9	97,2	109,3	106,2	102,0	94,5	111,2
F	512,7	533,6	517,1	525,4	302,8	311,8	288,6	303,6	168,9	165,2	191,9	202,0	54,1	53,8	•	•	26,0	26,0	•	•
IRL	15,7	15,7	13,1	12,0	•	2,0	3,4	3,4	1) 11,0	11,2	11,5	11,6	-	-	-	-	-	-	-	-
I	286,8	288,3	279,2	290,1	131,6	134,4	126,5	133,6	3) 123,4	3) 121,3	6) (121,3)	6) (121,3)	•	•	•	•	•	•	•	•
L	5,8	6,1	5,6	5,5	2,3	2,6	2,1	2,1	1,0	1,2	1,1	1,1	-	-	-	-	-	-	-	-
NL	116,4	109,1	108,3	109,2	29,1	28,8	27,7	27,5	5) 21,0	5) 27,6	5) 28,8	5) 30,8	103,5	98,7	84,2	99,8	72,9	73,5	65,4	82,5
UK	467,0	451,3	454,0	445,7	159,9	159,9	162,9	162,1	122,1	118,5	121,3	127,1	•	0,6	0,6	0,6	0,2	0,3	0,2	0,2
EEC	2.224,8	2.231,6	2.157,4	2.151,7	1.006,5	1.020,9	948,7	979,9	680,8	674,0	722,8	744,3	•	•	•	•	•	•	•	•

1) Estimate

2) Total network

3) Only "autostrade and strade statali"

4) Excluding "voies communales" (10 mrd veh-km in 1976)

5) Excluding "overige verharde wegen" (5,3 mrd veh-km in 1976)

6) Year 1974

7) Year 1975

DEVELOPMENT OF INFRASTRUCTURE EXPENSES 2) AND UTILIZATION 3)
OF THE THREE MODES OF TRANSPORT

1973 - 1976

MEMBER STATES	1973 = 100								
	Railways			Roads			Inland waterways		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
Belgique/België	118	140	154	103	120	140	109	153	169
Expenditure	105	93	94	104	108	111	103	81	101
Utilization									
Denmark	128	159	171	125	147	145	-	-	-
Expenditure	101	99	102	102 1)	103	104	-	-	-
Utilization									
Deutschland	115	121	133	109	110	108	108	115	111
Expenditure	99	88	90	100	109	111	96	89	105
Utilization									
France	124	150	206	115	155	141	100	129	89
Expenditure	103	95	100	98	114	120	100	•	•
Utilization									
Ireland	139	180	195	114	131	139	-	-	-
Expenditure	•	•	•	102 1)	105	105	-	-	-
Utilization									
Italia	113	129	177	102	118	124	•	•	•
Expenditure	102	96	102	98	•	•	•	•	•
Utilization									
Luxembourg	111	130	110	125	138	150	53	70	40
Expenditure	113	91	91	116	111	•	-	-	-
Utilization									
Nederland	108	141	154	133	153	164	103	103	115
Expenditure	99	95	95	102	107	114	101	90	113
Utilization									
United Kingdom	131	165	173	119	141	149	•	•	•
Expenditure	100 1)	102	101	97 1)	99	104	•	•	•
Utilization									
EEC	118	136	161	113	127	129	•	•	•
Expenditure	101	94	97	99	106	109	•	•	•
Utilization									

Utilization : Gross ton-km worked for the railways, vehicle-km for the roads, and deadweight ton-km for inland waterways.

1) Estimate for 1973.

2) Indices are based on table 48 for the various countries and on table 49 for the EEC as whole.

3) Based on table 50.

LENGTH OF THE NETWORK

Table 52

Railways, Roads and Inland waterways

1976

Member States	Railways (length of track)	Roads				Total	Inland waterways (in operation)
		Motorways	National roads	Other roads			
Belgique/België	11.346	1.069	11.374	118.150	130.593	1.535	
Danemark	4.640	376	4.272	61.867	66.515	-	
Deutschland	66.254	6.435	32.460	427.410	466.305	4.408	
France	74.240	3.637	29.181	745.000	777.818	6.931	
Ireland	2.519	0	15.847	72.643	88.490	-	
Italia	29.504	5.529	44.761	242.053	292.343	1.865	
Luxembourg	636	27	867	4.073	4.967	37	
Nederland	6.763	1.589	2.460	62.754	86.803	4.803	
United Kingdom	45.890	2.226	13.489	329.617	345.332	538	
EEC	241.792	20.888	154.711	2.083.567	2.259.166	20.117	

INFRASTRUCTURE EXPENDITURE : ROADS 1975

Member State : FRANCE

CORRIGENDUM

Network : entire network

Road category	Investment expenditure				Current expenditure:	Police expenditure	Overheads	Operating expenditure	Total	
	New constr. and extension	Reconstr. and renewal	Total						FF	EUA
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)
1. Autoroutes	•	•	4.444,2	1.155,1	•	•	•	11.553,5	2.172,1	49,7
2. Routes nationales	4.803,7	1.150,5 *	5.954,2	2.746,0 *	•	•	•	5.429,0	1.020,6	23,4
3. Chemins départementaux	1.999,0 *	684,0 *	2.683,0	2.300,0 *	•	•	•	6.250,0	1.174,9	26,9
4. Voies communales	3.000,0 *	950,0 *	3.950,0							
TOTAL FF	•	•	17.031,4	6.201,1	•	•	•	23.232,5		
TOTAL EUA	•	•	3.201,9	1.165,7	•	•	•	•	4.367,6	
TOTAL %	•	•	73,3	26,7	•	•	•	•	•	100

*) Corrected number

INFRASTRUCTURE EXPENDITURE : ROADS 1974

Member State : ITALIA

CORRIGENDUM

Network : entire network

mio x 000 Lit, mio of EUR and %

Road category	Investment expenditure			Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Total		
	(2)	(3)	(4)					(9)	(10)	(11)
	New constr. and extension:	Reconstr. and renewal:	Total					Lit	EUR	%
1. Autostrade in concessione	406,0	1,0	407,0	80,5	4,9	57,0	142,4	549,4	659,3	30,3
2. Autostrade e strade statali	•	•	402,5	51,0	35,6	95,7	182,3	584,8	701,8	32,3
3. Strade regionali e provinciali	•	•	65,3*)	171,3	4,5	- 1)	175,8	241,1	289,4	13,3
4. Strade comunali	•	•	143,0	147,9	92,4	52,0	292,3	435,3	522,3	24,1
TOTAL Lit	•	•	1.017,8	450,7	137,40	204,7	792,8	1.810,6		
TOTAL EUR	•	•	1.221,4	540,9	164,9	245,6	951,4		2.172,8	
TOTAL %	•	•	56,2	24,9	7,6	11,3	43,8			100

*) Corrected number.

1) Included in the current expenditure.

INFRASTRUCTURE EXPENDITURE : ROADS 1975

Member State : ITALIA

CORRIGENDUM

Network : entire network

mio x 000 Lit, mio of EUA and %

Road category	Investment expenditure				Current expenditure:	Police expenditure	Overheads	Operating expenditure	Total		
	(2)	(3)	(4)	(5)					(6)	(7)	(8) = 5+6+7
	New constr. and extension	Reconstr. and renewal	Total						Lit	EUA	%
1. Autostrade in concessione	374,2	0,9	375,1	172,87	6,3	71,6	250,77	625,87	773,1	30,0	
2. Autostrade e strade statali	249,1	161,5	410,6	142,49	45,1	•	187,59	598,19	738,8	28,7	
3. Strade regionali e provinciali	•	•	80,1	202,30	5,7	• 1)	208,00	288,10	355,9	13,8	
4. Strade comunali	•	•	183,0	204,60	120,7	66,4	391,70	574,70	710,0	27,5	
TOTAL Lit	•	•	1.048,8	722,26	177,8	138,0	1.038,06	2.086,96			
TOTAL EUA	•	•	1.295,5	892,2	219,6	170,5	1.282,3		2.577,8		
TOTAL %	•	•	50,3	34,6	8,5	6,6	49,7			100	

1) Included in the current expenditure.

INFRASTRUCTURE EXPENDITURE : ROADS 1975

Member State : NEDERLAND

CORRIGENDUM

Network : entire network

mio of Fl, EUA and %

Road category	Investment expenditure			Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Total		
	New constr. and extension	Reconstr. and renewal	Total					Fl	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)
1. Autosnelwegen	0	0	908	190	305	296 *)	791	1.699	542,0	33,9
2. Overige wegen van het rijkswegenplan	0	0	331	117	-	-	117	448	142,9	8,9
3. Secundaire wegen	0	0	1.445	783	493	18	1.294	2.739	873,7	54,7
4. Tertiaire wegen	0	0	30	33	-	-	33	63	20,1	1,3
5. Overige verharde wegen	0	0	30	29	-	-	29	59	18,8	1,2
Expenses not allocated	0	0	0	0	0	0	0	0	0	0
TOTAL Fl	0	0	2.744	1.152	798	314	2.264	5.008		
TOTAL EUA	0	0	875,3	367,5	254,5	100,2	722,2		1.597,5	
TOTAL %	0	0	54,8	23,0	15,9	6,3	45,2			100

*) Corrected number

INFRASTRUCTURE EXPENDITURE : ROADS 1975

Member State : NEDERLAND

CORRIGENDUM

Network : outside built-up areas

mio of Fl, EUA and %

Road category	Investment expenditure			Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	New constr. and extension	Reconstr. and renewal	Total					Fl	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)
1. Autosnelwegen										
2. Overige wegen van het rijkswegenplan	0	0	908	190	305	296 *	791	1.699	542,0	66,2
3. Secundaire wegen	0	0	331	117	-	-	117	448	142,9	17,5
4. Tertiaire wegen	0	0	175	119	-	4	123	298	95,1	11,6
5. Overige verharde wegen	0	0	30	33	-	-	33	63	20,1	2,5
Expenses not allocated	0	0	30	29	-	-	29	59	18,8	2,2
TOTAL Fl	0	0	1.474	488	305	300	1.093	2.567		
TOTAL EUA	0	0	470,2	155,7	97,3	95,7	348,7		818,9	
TOTAL %	0	0	57,4	19,0	11,9	11,7	42,6			100

*) Corrected number

UTILIZATION OF INFRASTRUCTURES : ROADS 1975

Vehicle-km travelled annually on roads outside built-up areas

Member State : NEDERLAND

Network : entire network

mio v-km

CORRIGENDUM

Category of vehicle	Category of roads					Total	
	Autosnel- wegen	Andere belangrijke rijkswegen	Secundaire wegen	Tertiaire wegen	Overige wegen	Number	%
1. Passenger vehicles with less than 10 seats	11.291	5.060	5.108	3.030	4.369	28.858	85,2
2. Vans with total permitted laden weight less than 3 t	372	176	223	130	188	1.089	3,2
3. Goods vehicles	838	406	380	205	295	2.124	6,3
4. Goods vehicles with trailer	306	157	90	49	71	673	2,0
5. Tractors with semi-trailer	359	182	115	42	61	759	2,2
6. Buses and coaches	93	48	66	25	36	268	0,8
7. Vehicles used for the transport of abnormal loads and special vehicles	0	0	6	7	10	23	0,1
8. Agricultural vehicles	0	6	12	21	31	70	0,2
Total	13.259	6.035	6.000	3.509	5.061	33.864	
Total	39,1	17,8	17,7	10,4	15,0		100

A D D E N D U M

Subsequent to 15th December 1978, referred to in the introduction as the last date which would allow the report to be produced within a reasonable time span, the Commission received some further data on France.

These data could not be included in the report itself but are shown below as additional information. They concern :

- road expenses - police and overhead expenses
- inland waterway expenses - corrected operating expenditure
- loan repayment and interest charges for roads
- effects on the summary table for road expenditures 1976.

INFRASTRUCTURE EXPENDITURE : ROADS 1976

Member State : FRANCE

CORRIGENDUM

mio of FF, EUA and %

Network : entire network

Road category	Investment expenditure			Current expenditure:	Police expenditure:	Overheads	Operating expenditure	Total		
	New constr. and extension:	Reconstr. and renewal:	Total					FF	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Autoroutes	•	•	3.725,2	1.246,0	•	•	1.246,0	9.366,8	1.752,5	38,8
2. Routes nationales	3.677,0	718,6	4.395,6	3.103,0	•	•	3.103,0	6.053,0	1.132,5	25,1
3. Chemins départementaux	•	•	2.950,0	2.300,0	•	•	2.300,0	6.250,0	1.159,3	25,9
4. Voies communales 1)	3.000,0	950,0	3.950,0	•	•	•	•	2.464,3	461,0	10,2
Expenses not allocated	•	•	•	•	2.376,0	88,3	2.464,3	•	•	•
TOTAL FF	•	•	15.020,8	6.649,0	2.376,0	88,3	9.113,3	24.134,1	•	•
TOTAL EUA	•	•	2.810,3	1.244,0	444,5	16,5	1.705,0	4.515,3	•	•
TOTAL %	•	•	62,2	27,6	9,8	0,4	37,8	•	•	100

1) Estimate for 1975.

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1976

Member State : FRANCE

CORRIGENDUM

mio of FF, EUA and %

Network : entire network	Investment expenditure				Current expenditure	Police expenditure	Overheads	Operating expenditure	Total		
	Category of waterway and deadweight tonnage (t)	New constr. and extension	Reconstr. and renewal	Total					FF	EUA	%
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
Regulated rivers											
I 250 - 399											
II 400 - 599			3,76	1,76							
III 600 - 999											
IV 1.000 - 1.499											
V 1.500 - 2.999				61,07							
VI ≥ 3.000 t											
Total			1,76	62,83							
Canalized rivers											
I 250 - 399			7,51	7,51							
II 400 - 599			1,65	1,65							
III 600 - 999											
IV 1.000 - 1.499		23,93		23,93							
V 1.500 - 2.999		1,16		1,16							
VI ≥ 3.000 t		187,50		187,50							
Total		212,59	2,16	221,75							
Canals											
I 250 - 399			55,52	55,52							
II 400 - 599											
III 600 - 999			3,21	3,21							
IV 1.000 - 1.499		9,15		9,15							
V 1.500 - 2.999		3,28		3,28							
VI ≥ 3.000 t											
Total		12,43	58,73	71,16							
Other waterways											
								199,0	554,74		
TOTAL FF		286,09	69,65	355,74				37,2	103,8		
TOTAL UCE		53,5	13,0	66,5				35,9		100	
TOTAL %		51,6	12,5	64,1							75

INFRASTRUCTURE EXPENDITURE

Railways, Roads and Inland waterways

1976

CORRIGENDUM

mio of EUA

Member States	Railways				Roads		Inland waterways			Total of the three modes
	Investment	Operations	Compensation for infrastructure charges	Total	Investment	Operations	Investment	Operations	Total	
Belgique/België	114	190	137	304	833	470	92	48	140	1.747
Danmark	60	78	-	138	275	232	-	-	-	645
Deutschland	501	2.009	298	2.808	4.681	2.759	213	160	373	10.821
France	287	676	329	1.292	2.810	1.705	67	37	104	5.911
Ireland	6	10	3	19	28	73	-	-	-	120
Italia	214	516	-	730	1.216	1.143	5	3	8	3.097
Luxembourg	1	17	-	18	41	30	0	0	0	89
Nederland	85	144	-	229	941	875	74	90	164	2.209
United Kingdom	185	422	-	607	1.306	1.350	-	2	2	3.265
EEC	1.453	4.062	630	6.145	12.331	8.637	451	340	791	27.904

1) Included in the breakdown of infrastructure expenditure.