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EIGHTH 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

1978

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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)
o	Figures not available
000	thousand
mio	million
mrd	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
BFR	Belgian franc
DKR	Danish krone
DM	German mark
FF	French franc
LIT	Italian lira
LFR	Luxembourg franc
HFL	Dutch guilder
IRL	Irish pound
UKL	Pound sterling

EIGHTH 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 1978

SUMMARY

This eighth report broadly follows the lines of previous reports and in particular that for 1977.

The information presented shows the figures received by the Commission by 20 March 1981.

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). Some summary tables (Tables 46 to 53) give figures on trends in expenditure on and the utilization of infrastructures between 1973 and 1978; they are analysed at the beginning of the report. Table 54 contains corrections to previous years' figures.

(2) OJ n° L 130 of 15 June 1970

EIGHTH 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

1978

INTRODUCTION

A. Analysis of the main data

Expenditures

1. This eighth report shows that in 1978 the Nine Member States spent some 33 1/2 milliard EUA on inland transport infrastructures, or about 2,2 % of their gross domestic product. Nearly 75 % of that total was spent on roads, just over 22 % on railways and 3 % on inland waterways, just as in 1977.
2. In analysing the relative shares of investment and current expenditure, it will be seen that in 1978, railway investment expenses went up to about 28 % of the total rail expenditure, as against 27 % for 1977. For roads, however, the share of investment in the total further decreased, from 56 % in 1977 to 53 % for 1978. For waterways the investment share remained stable at 56 %.
3. It is interesting to note that infrastructure investment for the three modes of land transport taken together made up 5,1 % of total gross fixed capital formation in the Community in 1978. For 1977 it was 5,3 %.
4. As compared with 1977, total Community infrastructure expenditures in 1978, expressed in European units of accounts at exchange rates shown in point 18 below, increased by nearly 11 %, with rail up 10,6 %, roads 11,3 % but waterways only 3,5 %. To put these rises into perspective, the general price index rose by about 7 % in the Community.

5. These overall results reflect different developments in the individual Member States and modes of transport. For railways, expressed in national currencies, increases ranged from 2 % in Germany to 18 % in France, with the other Member States falling between those two rates. In Denmark, railway expenditures apparently decreased relative to 1977, but this cannot be stated with certainty because of a change of accounting period. For roads the spread was even wider, with increases of less than 5 % in Belgium and Italy; 5 - 10 % for the Netherlands and Luxembourg, 10 - 15 % in Germany, Denmark and the United Kingdom, 18 % in France and 25 % in Ireland. Expenditures on waterways actually went down by about 6 1/2 % for Belgium and up by about 7 % for Germany. Other movements were relative minor.

These figures need to be assessed against a background of continuing inflation at a somewhat lower rates than in the previous years. Price increase ranged from 3 % in Germany to 12 % in Italy (see Table 53).

Utilization

6. As the utilization of infrastructures is expressed in different units for each mode, these must be looked at separately. From 1977 to 1978, rail traffic remained relatively static with a slight increase of 0,5 % gross ton-km worked. Road traffic outside built-up areas, in terms of vehicle-km increased, slightly faster than in 1977, this time by nearly 5 %, excluding Italy and France for which no figures are available as yet. Waterway movements went up by nearly 6 %.

7. Looking at individual Member States, rail traffic increased modestly in Germany, France, Ireland and Luxembourg and decreased, but not significantly, in Italy, the United Kingdom, the Netherlands and Belgium; the Danish figure is uncertain due to the change of accounting period. Early 1979 figures now available point to a further modest improvement of rail traffic.

For roads the average increase of 5 % in 1978 traffic over 1977 had to be calculated without the figures being available from Italy and France. The increases for the other Member States were: Ireland 10 %, the Netherlands 8 %, United Kingdom 6 %, Belgium 4 %, Germany 3,5 % and Denmark 2,5 %. Luxembourg supplied no figures in 1977 so that no comparison can be made.

For waterways the individual increases were: the Netherlands 10 %, France 4,5 %, Germany 3,5 % and Belgium 1 %. For Italy, no figures are available.

The period 1973 to 1978

8. Last years five-year comparison has now been extended by a further year. The figures for 1978 essentially confirm the trends at work since the first energy crisis in 1973, whilst some corrections to earlier figures have improved comparability.

9. As far as expenses are concerned, spending on rail infrastructures in nearly all the Nine and at Community level increased somewhat faster than on waterways and substantially more quickly than on roads. Taking inflation into account, by using the general price indices, rail infrastructure expenditure rose steadily throughout the period; in 1978 it was about 16 % higher in "real" terms than in 1973, with a range from about 4 % up in Germany to 30 % in Belgium.

10. On the contrary, expenditure on road declined in "real" terms by about 17 % over the period with wide variations between the Member States, ranging from substantial increases in Denmark and the Netherlands to decreases of over 25 % in Italy and United Kingdom.

11. Total waterway expenditures for the Member States for which figures are available declined overall in "real" terms by 8 % from 1973 to 1978. In Belgium expenditures actually rose by 20 %, in Germany they stayed at about the same level, but in the Netherlands, France and United Kingdom they declined significantly from about 30 to 40 % in real terms.

12. Turning to utilization, overall rail traffic has not yet regained 1973 levels. Whilst four Member States were at or slightly above their 1973 level, namely France, Ireland, Italy and United Kingdom, the others remained 8 - 10 % below.

For waterways, only the Netherlands show an increase in traffic during the period, namely 12 %. The other Member States show drops of 2 - 3 %, except for France with an apparent decrease of 19 %. This figure is doubtful,

however, because the base year (1973) may have been overstated; since 1975 when France modernized its handling of waterway traffic data, traffic has been fairly stable.

Road traffic continues to grow. In 1977 it was on average 14 % above 1973 levels and by 1978 probably 20 % higher though this figure cannot be accurately calculated in the absence of 1978 figures from Italy and France. Broadly, increases fall in the following groupings: 30 % for Ireland and the Netherlands, 20 % for Belgium, Denmark, Germany and Luxembourg, 10 % for the United Kingdom.

B. The report

Background

13. The report has been drawn pursuant to Council Regulation (EEC) n^o. 1108/70 introducing an accounting system for expenditure on infrastructure in respect of transport by rail, road and inland waterway. The changes called for by Council Regulation (EEC) n^o. 1384/79 of 25 June 1979 (1) amending Regulation 1108/70 will only be incorporated in the data relating to 1980 and later years.

Timing and Completeness

14. Data included in the Report are those received by the Commission by 18th March 1981. Despite numerous reminders, long delays are still being encountered in the transmission of certain data. Many of these, which should have been submitted by the end of 1979, were not received until the second half of 1980, and some were still missing at the beginning of 1981. These delays inevitably bring about further delay in publication of the report which must contain sufficient data to be representative of the Community and which also requires time for assembling data and translation into six languages.

(1) O.J. N^o L 167 of 6 July 1979, page 1.

15. As regards completeness, railway expenditure data are practically complete with the exception of some breakdowns for the investment expenses. For most countries, road expenses have not been broken down as required, especially as regards investment and police expenditure. This lack of breakdown also applies to inland waterways. Besides, waterway expenditure figures were completely absent for Italy and the French figures were incomplete.

16. As regards traffic, railway data are complete as are road data for Germany, the United Kingdom, the Netherlands and Luxembourg, though the figures for the latter relate to 1979. For the other Member States, there are various shortcomings with regard to breakdown of total traffic and the data from France are still not to hand. Italy supplied data for motorways only. Waterway figures are complete except for a complete lack of data from Italy.

17. Corrected data for earlier years are annexed to the Report or incorporated in the tables.

Exchange Rates

18. Expenditures in national currencies have been converted into European units of account at the average rates for the year in question. For 1978 and 1977 these were as follows :

<u>National Currency</u>	<u>1 EUA</u>	
	<u>1978</u>	<u>1977</u>
BFR	40,0611	40,8827
DKR	7,01946	6,85568
DM	2,55608	2,64832
FF	5,73983	5,60608
LIT	1080,22	1006,79
LFR	40,0611	40,8827
HFL	2,75409	2,80011
IRL	0,663888	0,653701
UKL	0,663911	0,653701

19. Comments and suggestions for further improvements of the Report are, as always, most welcome.

PART ONE

EXPENDITURE

in terms of national currencies,
units of account and percentages

Rail infrastructures

Road infrastructures

Inland waterway infrastructures

Table 1

INFRASTRUCTURE EXPENDITURE : RAILWAYS 1978

All Member States

Member States	Net-work	Unit	Investment expenditure				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	Current expenditure	Overheads	Total	Amortization					Interest	Loans contracted during the year	
																4
1	2	3	4	6 = 4 + 5	7	8	9 = 7 + 8	10 = 6 + 9	11	12 = 10 + 11	13	14	15	16		
Belgique/ België	SNCB/ NMBS	BFR	4 036	3 601	7 637	6 196	3 320	9 516	6 665 (1)	17 153	3 124	91	1 515	1 245		
Danmark (5)	DSB	DKR	118	95	213	316	45	361	154 (2)	574	-	38	116	213 (4)		
Deutschland	DB	DM	0	0	1 428	3 186	2 616	5 802	742	7 972	977	-	722	-		
France	SNCF	FF	1 680	832	2 512	2 629	1 821	4 450	2 314	9 276	(3)	244	719	1 385		
Ireland	CIE	IRL	0,8	3,2	4,0	7,1	1,6	8,7	2,2	14,9	0,3	-	0,2	0,3		
Italia	FS	LIT 000	135	165	300	567	285	852	-	1 152	19	-	5,0	-		
Luxembourg	CFL	LFR	194	251	445	550	276	826	251	1 522	379	15	14	-		
Nederland	NS	HFL	0	0	348	443	22	465	-	813	-	-	12	-		
United Kingdom	BRB NIR	UKL	0	0	199,7	287,3	49,1	336,4	-	536,1	-	-	-	-		

(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 1978.

(4) State Grant for investment in fixed assets.

(5) For nine months only (1.4. - 31.12.1978).

INFRASTRUCTURE EXPENDITURE : RAILWAYS 1978

All Member States

Member States	Ref- work	Unit	Investment expenditure			Operating expenditure			SOTIA I	SOTIA II	Contribution for pension and retirement charges	Financial charges			
			New contr. and extension	Reconstr. and renewal	Total	Current expenditure	Overheads	Total				Amortization	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
Belgium/Belgie	SNCB/BIDS	EUA	100,7	89,9	190,6	154,7	82,9	237,6	428,2	166,4 (1)	428,2	78,0	2,3	37,8	31,1
Denmark (5)	DSB	EUA	16,8	13,5	30,3	45,0	6,4	51,4	81,7	21,9 (2)	81,7 (7)	-	5,4	16,5	30,3 (6)
Deutschland/DB	DB	EUA	0	0	58,7	1 246,4	1 023,4	2 269,8	2 828,5	290,3	3 118,8	382,2	-	282,5	-
France	SNCF	EUA	292,7	145,0	437,7	458,0	317,3	775,3	1 213,0	403,1	1 616,1	(3)	42,5	125,3	241,3
Ireland	CIE	EUA	1,2	4,8	6,0	10,7	2,4	13,1	19,1	3,5	22,4	0,5	-	0,3	0,5
Italia	FS	EUA	125,0	152,7	277,7	524,9	263,8	788,7	1 066,4	-	1 066,4	17,6	-	4,6	-
Luxembourg	CFL	EUA	4,8	6,3	11,1	13,7	6,9	20,6	31,7	6,3	38,0	9,5	0,4	0,4	-
Niederland	NS	EUA	0	0	126,3	160,9	8,0	168,9	295,2	-	295,2	-	-	4,4	-
United Kingdom	BRB/NR	EUA	0	0	300,8	432,7	74,0	506,7	807,5	-	807,5	-	-	-	-
T O T A L	EEC	EUA	0	0	1 739,2	3 047,0	1 785,1	4 832,1	6 771,3	703,0 (6)	7 474,3 (8)	487,8	50,6	471,8	303,2

(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 1978.

(4) State Grant for investment in fixed assets.

(5) For nine months only (1.4 - 31.12.1978)

(6) Excluding B and DK.

(7) and (8) To add : 27,2 (about) to compensate for the 9 months not reported for Denmark.

Table 3

INFRASTRUCTURE EXPENDITURE : RAILWAYS 1978

All Member States

in %

Member States	Net-work	Unit	Investment expenditure				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	Current expenditure	Overheads	Total	9 = 7 + 8					10 = 6 + 9	11	12 = 10 + 11
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	%	23,5	21,0	44,5	36,1	19,4	55,5	100	38,9 (1)	100	18,2	0,5	8,8	7,3		
Dänmark (5)	DSB	%	20,6	16,5	37,1	55,1	7,8	62,9	100	26,8 (2)	100	-	6,6	20,2	37,1 (4)		
Deutschland	DB	%	0	0	17,9	40,0	32,8	72,8	90,7	9,3	100	12,3	-	9,1	-		
France	SNCF	%	18,1	9,0	27,1	28,4	19,6	48,0	75,1	24,9	100	(3)	2,6	7,8	14,9		
Irland	CIE	%	5,3	21,5	26,8	47,7	10,7	48,4	85,2	14,8	100	2,0	-	1,3	2,0		
Italia	FS	%	11,7	14,3	26,0	49,2	24,8	74,0	100	-	100	1,6	-	0,4	-		
Luxembourg	CFL	%	12,7	16,5	29,2	36,1	18,2	54,3	83,5	16,5	100	24,9	1,0	0,9	-		
Nederland	NS	%	0	0	42,8	54,5	2,7	57,2	100	-	100	-	-	1,5	-		
United Kingdom	BBS/NIR	%	0	0	37,3	53,6	9,1	62,7	100	-	100	-	-	-	-		
TOTAL EEC			0	0	26,0	40,7	23,9	64,6	90,6	9,4	100	6,5	0,7	6,3	4,1		

(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 1978.

(4) State Grant for investment in fixed assets.

(5) For nine months only (1.4 - 31.12.1978).

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 4

Member State : BELGIQUE / BELGIË

Road category	Investment expenditure			Operating expenditure			Total			
	(1) New constr. and extension	(2) Reconstr. and renewal	(3) Total	(4) Current expenditure	(5) Police expenditure	(6) Overheads	(7) Total	(8) BFR	(9) EUA	(10) %
1. Autoroutes/Autosnelwegen	0	0	14 446	906	0	2 534	3 440	17 886	446,5	29,8
2. Autres routes de l'Etat / Andere rijkswegen	0	0	10 068	0	0	1 492	1 492	11 560	288,6	19,3
3. Routes provinciales / Provinciale wegen	0	0	525	394	0	0	394	919	22,9	1,5
4. Routes communales / Gemeentewegen	0	0	7 905	10 626	3 051	0	13 677	21 582	538,7	36,0
Certain motorways and other national roads combined	-	-	-	4 843	2 988	176	8 007	8 007	199,9	13,4
TOTAL BFR	0	0	32 944	16 769	6 039	4 202	27 010	59 954		
TOTAL EUA	0	0	822,3	418,6	150,8	104,9	674,3		1 496,6	
TOTAL %	0	0	54,9	28,0	10,1	7,0	45,1			100

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Member State : BELGIQUE / BELGIË

Network : outside built-up areas

Road category	Investment expenditure			Operating expenditure				Total		
	New constr. and extension	Reconstr. and renewal	Total	Current expenditure	Police expenditure	Overheads	Total	BFR	EUA	%
1. Autoroutes/Autosnel-wegen	0	0	14 446	906	0	2 534	3 440	17 886	446,5	32,4
2. Autres routes de l'Etat/Andere rijks-wegen	0	0	10 068	0	0	1 492	1 492	11 560	288,6	20,9
3. Routes provinciales/Provinciale wegen	0	0	525	394	0	0	394	919	22,9	1,7
4. Routes communales/Gemeentewegen	0	0	7 048	8 658	1 124	0	9 782	16 830	420,1	30,5
Certain motorways and other national roads combined	-	-	-	4 843	2 988	176	8 007	8 007	199,9	14,5
TOTAL BFR	0	0	32 087	14 801	4 112	4 202	23 115	55 202		
TOTAL EUA	0	0	800,9	369,5	102,7	104,9	577,1		1 378,0	
TOTAL %	0	0	58,1	26,8	7,5	7,6	41,9			100

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 4b

Member State : BELGIQUE / BELGIÉ

Network : Within built-up areas

M10 of BFR, EUA and %

Road category	Investment expenditure			Operating expenditure				Total		
	New constr. and extension : (2)	Reconstr. and renewal : (3)	Total : (4)	Current expenditure : (5)	Police expenditure : (6)	Overheads : (7)	Total : (8) = 5+6+7	BFR : (9)	EUA : (10)	% : (11)
1. Autoroutes/Autosnelwegen										
2. Autres routes de l'Etat /Andere rijkswegen										
3. Routes provinciales/ Provinciale wegen										
4. Routes communales/ Gemeentewegen										
Certain motorways and other national roads combined										
TOTAL BFR	0	0	857	1 968	1 927	0	3 895	4 752		
TOTAL EUA	0	0	21,4	49,1	48,1	0	97,2		118,6	
TOTAL %	0	0	18,0	41,4	40,6	0	82,0			100

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 5

Member State : DANMARK

Network : entire network

mio of DKR, EUA and %

Road category	Investment expenditure			Operating expenditure				Total		
	New constr. and extension : (2)	Reconstr. and renewal : (3)	Total : (4)	Current expenditure : (5)	Police expenditure : (6)	Overheads : (7)	Total : (8) = 5+6+7	DKR : (9)	EUA : (10)	% : (11)
(1) Motorveje	360	7	367	38	0	87	125	492	70,1	10,2
(1) Hovedlandeveje	199	95	294	161	0	80	241	535	76,2	11,1
(2) Landeveje	365	87	452	227	0	90	317	769	109,6	16,0
(2) Kommuneveje	1 054	203	1 257	1 285	0	477	1 762	3 019	430,1	62,7
TOTAL DKR	1 978	392	2 370	1 711	0	734	2 445	4 815	686,0	100
TOTAL EUA	281,8	55,9	337,7	243,8	0	104,5	348,3			
TOTAL %	41,1	8,1	49,2	35,5	0	15,3	50,8			

(1) For the period 1.4.78 - 31.12.78.

(2) For the period 1.1.78 - 31.12.78.

(3) Estimation for a full year DKR 5 156 og EUA 734.

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 5 a

Member State : DANMARK

MIO of DKR, EUA and %

Network : outside built-up areas

Road category	Investment expenditure			Operating expenditure				Total		
	New constr. and extension	Reconstr. and renewal	Total	Current expenditure	Police expenditure	Overheads	Total	DKR	EUA	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Motorveje (1)								492	70,1	14,8
2. Hovedlandeveje (1)								428	61,0	12,9
3. Landeveje (2)								646	92,0	19,5
4. Kommuneveje (2)								1 751	249,5	52,8
TOTAL DKR								3 317		
TOTAL EUA								472,6		
TOTAL %										100

(1) For the period 1.4.78 - 31.12.78.

(2) For the period 1.1.78 - 31.12.78.

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 5b

Member State : DANMARK

mio of DKR, EUA and %

Network : within built-up areas

Road category	Investment expenditure		Operating expenditure			Total				
	New constr. and extension: (2)	Reconstr. and renewal (3)	Total (4)	Current expenditure: (5)	Police expenditure: (6)	Overheads (7)	Total (8) = 5+6+7	DKR	EUA	%
(1)			(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)	(11)
1. Motorveje (1)								-	-	-
2. Hovedlandeveje (1)								107	15,2	7,1
3. Landeveje (2)								123	17,5	8,2
4. Kommuneveje (2)								1268	180,7	84,7
TOTAL DKR								1498		
TOTAL EUA									213,4	
TOTAL %										100

(1) For the period 1.4.78 - 31.12.78.

(2) For the period 1.1.78 - 31.12.78.

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 6

Member State : DEUTSCHLAND

Network : entire network

mio of DM, EUA and %

Road category	Investment expenditure			Operating expenditure			Total			
	(1) New constr. and extension	(2) Reconstr. and renewal	(3) Total	(4) Current expenditure	(5) Police expenditure	(6) Overheads	(7) Total	(8) DM	(9) EUA	(10) %
1. Bundesautobahnen	0	0	3 492	339	276	131	746	4 238	1 658,0	17,0
2. Bundesstrassen	0	0	2 822	456	1 029	158	1 643	4 465	1 746,8	17,8
3. Landstrassen	0	0	2 306	767	658	259	1 684	3 990	1 561,0	16,0
4. Kreisstrassen	0	0	1 211	544	298	114	956	2 167	847,8	8,7
5. Gemeindestrassen	0	0	5 975	2 308	1 045	788	4 141	10 116	3 957,6	40,5
TOTAL DM	0	0	15 806	4 414	3 306	1 450	9 170	24 976		
TOTAL EUA	0	0	6 183,7	1 726,8	1 293,4	567,3	3 587,5		9 771,2	
TOTAL %	0	0	63,3	17,7	13,2	5,8	36,7			100

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 6a

Member State : DEUTSCHLAND

Network : outside built-up areas

in mio of DM, EUA and %

Road category	Investment expenditure			Operating expenditure			Total				
	(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	Total	DM	EUA	%
1. Bundesautobahnen	0	0	0	3 492	339	276	131	746	4 238	1 658,0	27,2
2. Bundesstrassen	0	0	0	2 087	333	598	116	1 047	3 134	1 226,1	20,1
3. Landstrassen	0	0	0	1 616	554	409	187	1 150	2 766	1 082,1	17,7
4. Kreisstrassen	0	0	0	874	403	194	84	681	1 555	608,4	10,0
5. Gemeindestrassen	0	0	0	2 455	956	157	323	1 436	3 891	1 522,2	25,0
TOTAL DM	0	0	0	10 524	2 585	1 634	841	5 060	15 584		
TOTAL EUA	0	0	0	4 117,2	1 011,3	639,3	329,0	1 979,6		6 096,8	
TOTAL %	0	0	0	67,5	16,6	10,5	5,4	32,5			100

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 6b

Member State : DEUTSCHLAND

Network : within built-up areas

mio of DM, EUA and %

Road category	Investment expenditure			Operating expenditure				Total		
	(2) New constr. and extension	(3) Reconstr. and renewal	(4) Total	(5) Current expenditure	(6) Police expenditure	(7) Overheads	(8) = 5+6+7 Total	(9) DM	(10) EUA	(11) %
1. Bundesautobahnen	-	-	-	-	-	-	-	-	-	-
2. Bundesstrassen	0	0	735	123	431	42	596	1 331	520,7	14,2
3. Landstrassen	0	0	690	213	249	72	534	1 224	478,9	13,0
4. Kreisstrassen	0	0	337	141	104	30	275	612	239,4	6,5
5. Gemeindestrassen	0	0	3 520	1 352	888	465	2 705	6 225	2 435,4	66,3
TOTAL DM	0	0	5 282	1 829	1 672	609	4 110	9 392		
TOTAL EUA	0	0	2 066,5	715,5	654,1	238,3	1 607,9		3 674,4	
TOTAL %	0	0	56,2	19,5	17,8	6,5	43,8			100

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 7

Member State : FRANCE

Network : entire network

mio of FF, EUA and %

Road category	Investment expenditure			Operating expenditure				Total		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)
	New constr. and extension	Reconstr. and renewal	Total	Current expenditure	Police expenditure	Overheads	Total	FF	EUA	%
1. Autoroutes	0	0	4 444	1 592		907	2 499	10 350	1 803,2	31,6
2. Routes nationales	2 939	468	3 407	2 870		914	3 784	8 214	1 431,1	25,1
3. Chemins départementaux	0	0	4 430	3 470		3 080	6 550	11 140	1 940,8	34,0
4. Voies communales	0	0	4 590		3 044		3 044	3 044	530,3	9,3
Expenses not allocated										
TOTAL FF	0	0	16 871	7 932	3 044	4 901	15 877	32 748		
TOTAL EUA	0	0	2 939,3	1 381,9	530,3	863,9	2 766,1		5 705,4	
TOTAL %	0	0	51,5	24,2	9,3	15,0	48,5			100

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 8

Member State : IRELAND

Road category	Investment expenditure				Operating expenditure				Total		
	New constr. and extension:	Reconstr. and renewal:	Total	Current expenditure:	Police expenditure:	Overheads	Total	IRL	EUA	%	
											(2)
1. National Primary (rural and urban)	0	0	12 700	3 736	0	0	3 736	16 436	24,8	16,4	
2. National Secondary (rural and urban)	0	0	4 669	2 504	0	0	2 504	7 173	10,8	7,2	
3. Main and Country	0	0	9 190	37 893	0	0	37 893	47 083	70,9	47,1	
4. Other Urban	0	0	6 874	4 801	0	0	4 801	11 675	17,6	11,7	
Overheads not allocated						17 622	17 622	17 622	26,5	17,6	
TOTAL IRL	0	0	33 433	48 934	0	17 622	66 556	99 989			
TOTAL EUA	0	0	50,4	73,7	0	26,5	100,2		150,6		
TOTAL %	0	0	33,5	48,9	0	17,6	66,5			100	

000 of IRL, mio of EUA and %

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 9

Member State : ITALIA

mio x 000 of LIT, mio of EUA and %

Network : entire network

Road category	Investment expenditure			Operating expenditure			Total			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5+6+7	(9)	(10)
	New constr. and extension	Reconstr. and renewal	Total	Current expenditure	Police expenditure	Overheads	Total	LIT	EUA	%
1. Autostrade in concessione	197,6	0	197,6	192,3	3,3	57,1	252,7	450,3	416,9	17,1
2. Autostrade e strade statali	304,0	194,4	498,4	276,2	69,1	1)	345,3	843,7	781,0	24,1
3. Strade provinciali	0	0	85,2	345,7	7,7	1)	353,4	438,6	406,0	16,7
4. Strade comunali	0	0	258,7	429,2	207,5	1)	636,7	895,4	828,9	34,1
TOTAL LIT	0	0	1039,9	1243,4	287,6	57,1	1588,1	2628,0		
TOTAL EUA	0	0	962,7	1151,0	266,2	52,9	1470,1		2432,8	
TOTAL %	0	0	39,6	47,3	10,9	2,2	60,4			100

1) Included in the current expenditure

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 10

Member State : LUXEMBOURG

mio of LFR, EUA and %

Network : entire network	Investment expenditure				Operating expenditure				Total		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = 5 + 6 + 7	(9)	(10)	(11)
Road category	New constr. and extension	Reconstr. and renewal	Total	Current expenditure	Police expenditure	Overheads	Total	LFR	EUA	%	
1. Autoroutes	0	0	905	0	0	0	0	905	22,6	25,9	
2. Routes nationales	0	0	661	937	0	181	1118	1779	44,4	50,8	
3. Chemins repris	0	0	461	319	0	36	355	816	20,4	23,3	
4. Chemins vicinaux											
TOTAL LFR	0	0	2027	1256	0	217	1473	3500			
TOTAL EUA			50,6	31,4	0	5,4	36,8		87,4		
TOTAL %			57,9	35,9		6,2	42,1		100		

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 11

Member State : NEDERLAND

Network : entire network

Unit : mio of HFL, EUA and %

Road category	Investment expenditure				Operating expenditure				Total		
	(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	Total	HFL	EUA	%	
1. Autosnelwegen	0	0	536	106	0	269	375	911	330,8	16,1	
2. Overige wegen van het rijkswegenplan	0	0	66	54	0	50	104	170	61,7	3,0	
3. Secundaire wegen	0	0	251	103	0	-	103	354	128,5	6,2	
4. Tertiaire wegen	0	0	104	59	0	-	59	163	59,2	2,9	
5. Overige verharde wegen	0	0	1 392	707	0	24	731	2 123	770,9	37,4	
Expenses not allocated (bridges, tunnels, lighting, police)	0	0	251	535	1 150	20	1 705	1 956	710,2	34,4	
TOTAL HFL	0	0	2 600	1 564	1 150	363	3 077	5 677			
TOTAL EUA	0	0	944,1	567,9	417,5	131,8	1 117,2		2 061,3		
TOTAL %	0	0	45,8	27,5	20,3	6,4	54,2			100	

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 11 a

Member State : NEDERLAND

mio of HFL, EUA and %

Road category	Investment expenditure			Operating expenditure				Total		
	New constr. and extension	Reconstr. and renewal	Total	Current expenditure	Police expenditure	Overheads	Total	HFL	EUA	%
1. Autosnelwegen	0	0	536	106	0	269	375	911	330,8	35,7
2. Overige wegen van het rijkswegenplan	0	0	66	54	0	50	104	170	61,7	6,7
3. Secundaire wegen	0	0	240	99	0	-	99	339	123,1	13,3
4. Tertiaire wegen	0	0	73	47	0	-	47	120	43,6	4,7
5. Overige verharde wegen	0	0	160	198	0	24	222	382	138,7	15,0
Expenses not allocated (bridges, tunnels, lighting, police)	0	0	81	121	420	6	547	628	228,0	24,6
TOTAL HFL	0	0	1 156	625	420	349	1 394	2 550		
TOTAL EUA	0	0	419,7	227,0	152,5	126,7	506,2		925,9	
TOTAL %	0	0	45,3	24,5	16,5	13,7	54,7			100

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 11b

Member State : NEDERLAND

Network : within built-up areas

mio of HFL, EUA and %

Road category	Investment expenditure			Operating expenditure			Total			
	(2) New constr. and extension	(3) Reconstr. and renewal	(4) Total	(5) Current expenditure	(6) Police expenditure	(7) Overheads	(8) = 5+6+7 Total	(9) HFL	(10) EUA	(11) %
1. Autosnelwegen	0	0	11	4	0	-	4	15	5,4	0,5
2. Overige wegen van het rijkswegenplan	0	0	31	12	0	-	12	43	15,6	1,4
3. Secundaire wegen	0	0	1 232	509	0	-	509	1 741	632,2	55,6
4. Tertiaire wegen	0	0	170	414	730	14	1 158	1 328	482,2	42,5
5. Overige verharde wegen	0	0	1 444	939	730	14	1 683	3 127		
Expenses not allocated (bridges, tunnels, lighting, police)	0	0	524,4	340,9	265,0	5,1	611		1 135,4	
TOTAL HFL	0	0	46,2	30,0	23,3	0,5	53,8			100
TOTAL EUA										

INFRASTRUCTURE EXPENDITURE : ROADS 1978

Table 12

Member State : UNITED KINGDOM

Road category	Investment expenditure			Operating expenditure			Total	
	New constr. and extension	Reconstr. and renewal	Total	Current expenditure	Police expenditure	Overheads	UKL	EUA
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(9)	(10)
							(8) = 5 + 6 + 7	(11)
1. Motorways	0	0	166,8	40,7	13,0	12,1	232,6	350,3
2. Trunk roads	0	0	193,4	67,8	22,2	11,1	294,5	443,6
3. Principal and other roads	0	0	301,3	641,5	97,1	184,8	1 224,7	1 844,7
TOTAL UKL	0	0	661,5	750,0	132,3	208,0	1 090,3	1 751,8
TOTAL EUA	0	0	996,4	1 129,6	199,3	313,3	1 642,2	2 638,6
TOTAL %	0	0	37,8	42,8	7,5	11,9	62,2	100

Network : entire network

mio of UKL, EUA and %

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1978

Table 14

Member State : DEUTSCHLAND

Entire network excluding waterways < 250 t

mio of DM, EUA and %

Category of waterway and deadweight tonnage (t)	Investment expenditure			Operating expenditure			Total			
	(2) New constr. and extension:	(3) Reconstr. and renewal	(4) Total	(5) Current expenditure:	(6) Police expenditure:	(7) Overheads	(8) = 5+6+7	(9) DM	(10) EUA	(11) %
Regulated rivers										
I 250 - 399	-	-	-	-	-	-	-	-	-	-
II 400 - 599	-	-	-	11	0	3	14	14	-	-
III 600 - 999	0	0	81	26	0	7	33	114	-	-
IV 1.000 - 1.499	0	0	97	53	0	17	70	167	-	-
V 1.500 - 2.999	0	0	1	6	0	4	10	11	-	-
VI ≥ 3.000 t	0	0	179	96	21	31	148	327	127,9	27,7
Total	0	0	179	96	21	31	148	327	127,9	27,7
Canalized rivers										
I 250 - 399	0	0	9	16	0	5	21	30	-	-
II 400 - 599	-	-	-	-	-	-	-	-	-	-
III 600 - 999	0	0	95	123	0	32	155	250	-	-
IV 1.000 - 1.499	0	0	-	3	0	1	4	4	-	-
V 1.500 - 2.999	0	0	-	-	-	-	-	-	-	-
VI ≥ 3.000 t	0	0	104	142	8	38	188	292	114,2	24,7
Total	0	0	104	142	8	38	188	292	114,2	24,7
Canals										
I 250 - 399	-	-	-	-	-	-	-	-	-	-
II 400 - 599	0	0	134	37	0	12	49	183	-	-
III 600 - 999	0	0	234	67	0	29	96	330	-	-
IV 1.000 - 1.499	0	0	-	-	-	-	-	-	-	-
V 1.500 - 2.999	0	0	-	-	-	-	-	-	-	-
VI ≥ 3.000 t	0	0	-	-	-	-	-	-	-	-
Total	0	0	368	104	9	41	154	522	204,2	44,2
Other waterways	0	0	30	8	1	2	11	41	16,1	3,4
T O T A L DM	0	0	681	350	39	112	501	1.182	-	-
T O T A L EUA	0	0	266,4	136,9	15,3	43,8	196,0	-	462,4	-
T O T A L %	0	0	57,6	29,6	3,3	9,5	42,4	-	-	100

Table 15

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1978

Member State : FRANCE

Entire network excluding waterways < 250 t

mio of FF, EUA and %

Category of waterway and deadweight tonnage (t)	Investment expenditure			Operating expenditure			Total			
	(2) New constr. and extension	(3) Reconstr. and renewal	(4) Total	(5) Current expenditure	(6) Police expendi- ture	(7) Overheads	(8) = 5+6+7 Total	(9) FF	(10) EUA	(11) %
Regulated rivers										
I 250 - 399	-	-	-	-	-	-	-	-	-	-
II 400 - 599	-	-	-	-	-	-	-	-	-	-
III 600 - 999	-	-	-	-	-	-	-	-	-	-
IV 1.000 - 1.499	-	-	-	-	-	-	-	-	-	-
V 1.500 - 2.999	8,3	-	8,3	-	-	-	-	-	-	-
VI ≥ 3.000 t	-	-	-	-	-	-	-	-	-	-
Total	8,3	-	8,3	-	-	-	-	-	-	-
Canalized rivers										
I 250 - 399	-	5,9	5,9	-	-	-	-	-	-	-
II 400 - 599	-	0,4	0,4	-	-	-	-	-	-	-
III 600 - 999	-	2,6	2,6	-	-	-	-	-	-	-
IV 1.000 - 1.499	39,4	-	39,4	-	-	-	-	-	-	-
V 1.500 - 2.999	1,1	-	1,1	-	-	-	-	-	-	-
VI ≥ 3.000 t	175,3	-	175,3	-	-	-	-	-	-	-
Total	215,8	8,9	224,7	-	-	-	-	-	-	-
Canals										
I 250 - 399	-	94,0	94,0	-	-	-	-	-	-	-
II 400 - 599	-	-	-	-	-	-	-	-	-	-
III 600 - 999	-	3,5	3,5	-	-	-	-	-	-	-
IV 1.000 - 1.499	23,8	-	23,8	-	-	-	-	-	-	-
V 1.500 - 2.999	1,5	-	1,5	-	-	-	-	-	-	-
VI ≥ 3.000 t	17,1	-	17,1	-	-	-	-	-	-	-
Total	42,4	97,5	139,9	-	-	-	-	-	-	-
Other waterways										
TOTAL FF	266,5	106,4	372,9	-	-	-	275,0 (1)	647,9	-	-
TOTAL EUA	46,4	18,5	64,9	-	-	-	47,9	112,8	-	-
TOTAL %	41,1	16,4	57,5	-	-	-	42,5	100	-	-

(1) 1977

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1977

Table 16

Member State : ITALIA

Entire network excluding waterways < 250 t

mio. x. 000 LIT, mio EUA and %

Category of waterway and deadweight tonnage (t)	Investment expenditure		Operating expenditure			Total		LIT	EUA	%		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)				(8) = 5+6+7	(9)
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 %												

NB : 1977 figures in the absence of 1978 ones.

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1978

Table 17

Member State : LUXEMBOURG

mio of LFR, EUA and %

Entire network excluding waterways < 250 t

Category of waterway and deadweight tonnage (t)	Investment expenditure		Operating expenditure			Total					
	(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	Total	LFR	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			0,4	0,4	3,8	0,6	1,8	6,2	6,6	0,16	
V 1.500 - 2.999											
VI ≥ 3.000 t											
Total			0,4	0,4	3,8	0,6	1,8	6,2	6,6	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 LFR			0,4	0,4	3,8	0,6	1,8	6,2	6,6		
TOTAL EUA			0,01	0,01	0,09	0,02	0,04	0,15		0,16	
TOTAL %			5,0	6,0	57,6	9,1	27,3	94,0			100

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1978
Member State : NEDERLAND

Table 18

Category of waterway and deadweight tonnage (t)		Investment expenditure				Operating expenditure				Total	
		(2) New constr. and extension:	(3) Reconstr. and renewal	(4) Total	(5) Current expenditure:	(6) Police expendi- ture	(7) Overheads	(8) = 5+6+7 Total	(9) HFL	(10) EUA	(11) %
Entire network excluding waterways < 250 t											
Regulated rivers											
I	250 - 399	0	0	0	0,4	0	0,4	0,4	0,4		
II	400 - 599			6,0	1,6		1,6	7,6	7,6		
III	600 - 999			0,8	0,2		0,2	0,2	0,2		
IV	1.000 - 1.499			2,0	5,3	2,2	7,5	8,3	8,3		
V	1.500 - 2.999			28,9	8,7	4,3	13,0	15,0	15,0		
VI	≥ 3.000 t			27,2	7,8	15,4	23,2	52,1	52,1		
Total		0	0	37,9	24,0	21,9	45,9	83,6	83,6	30,4	17,7
Canalized rivers											
I	250 - 399				0,8		0,8	0,8	0,8		
II	400 - 599										
III	600 - 999			1,5	4,4		4,4	5,9	5,9		
IV	1.000 - 1.499				0,6	0,2	0,8	0,8	0,8		
V	1.500 - 2.999			15,0	10,0	10,5	20,5	35,5	35,5		
VI	≥ 3.000 t			9,6	4,5	5,9	10,4	20,0	20,0		
Total		0	0	26,1	20,3	16,6	36,9	63,0	63,0	22,9	13,3
Canals											
I	250 - 399			3,9	2,4		2,4	6,3	6,3		
II	400 - 599			4,3	23,9	6,6	30,5	34,8	34,8		
III	600 - 999			1,4	1,5	0,1	1,6	3,0	3,0		
IV	1.000 - 1.499			14,1	34,3	4,8	39,1	53,2	53,2		
V	1.500 - 2.999			10,5	20,2	12,9	33,1	45,6	45,6		
VI	≥ 3.000 t			52,0	2,0	22,8	24,8	76,8	76,8		
Total		0	0	86,2	85,3	47,2	131,5	217,7	217,7	79,0	46,0
Other waterways											
Total		0	0	26,0	28,4	8,3	36,7	62,7	62,7	22,7	13,3
TOTAL HFL		0	0	176,0	157,0	46,0	297,0	473,0	473,0		
TOTAL EUA				53,9	57,0	16,7	107,8	171,7	171,7		
TOTAL %				39,2	35,2	9,7	62,8				100

INFRASTRUCTURE EXPENDITURE : INLAND WATERWAYS 1978

Table 19

Member State : UNITED KINGDOM

Entire network excluding waterways < 250 t

000 of UKL, mio of EUA and %

Category of waterway and deadweight tonnage (t)	Investment expenditure			Operating expenditure				Total			
	(1)	(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					475,8	1,7	142,4	619,9	619,9	0,93	31,8
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					851,5	-	95,5	947,0	947,0	1,43	48,6
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					338,4	-	42,6	381,0	381,0	0,57	19,6
Other waterways											
TOTAL UKL					1 665,7	1,7	280,5	1 947,9	1 947,9	2,73	
TOTAL EUA					2,51	0	0,42	2,93	2,93		
TOTAL %					85,5	0,1	14,4	100,0	100,0		100

Table 20

LOANS AND RELATED CHARGES

Member States	Unit in Mio	New Loans in 1978			Charges in respect of earlier loans			Interest		
		Roads		Inland waterways	Roads		Inland waterways	Roads		Inland waterways
		Railways	Roads	Inland waterways	Railways	Roads	Inland waterways	Railways	Roads	Inland waterways
Belgique/België	FRB	1 245	67 376	-	91	49 508 2)	-	1 515	-	2)
Dänmark	DKR	213 1)	-	-	38	-	-	116	-	-
Deutschland	DM	-	-	-	-	-	-	722	-	-
France	FF	1 385	3 159	0	244	5 174 2)	-	719	-	2)
Ireland	IRL	0,3	-	-	-	-	-	0,2	-	-
Italia	LIT	-	534,6	0	-	-	0	5	526,7	0
Luxembourg	LFR	-	-	-	15	-	-	14	-	-
Nederland	HFL	-	20	1	-	-	-	12	28	-
United Kingdom	UKL	-	154,3	-	-	-	-	-	130,1	-
Belgique/België	EUA	31,1	1 681,8	-	2,3	1 235,8	-	37,8	-	2)
Dänmark	EUA	30,3	-	-	5,4	-	-	16,5	-	-
Deutschland	EUA	-	-	-	-	-	-	282,5	-	-
France	EUA	241,3	550,3	-	42,5	901,4 2)	-	125,3	-	2)
Ireland	EUA	0,5	-	-	-	-	-	0,3	-	-
Italia	EUA	-	494,9	-	-	-	-	4,6	487,6	-
Luxembourg	EUA	-	-	-	0,4	-	-	0,4	-	-
Nederland	EUA	-	7,3	0,4	-	-	-	4,4	10,2	-
United Kingdom	EUA	-	232,4	-	-	-	-	-	196,0	-

1) Allocation by the State for investment in fixed installations.

2) Break-down into repayment and interest not possible.

Table 21

UTILIZATION OF INFRASTRUCTURES : RAILWAYS 1978
All Member States

Network : entire State networks

Classification	Railway traffic						Other traffic			All traffic		
	Passenger trains			Goods trains			Electr.	Other	Total	Electric	Other	Total
	Electric	Other	Total	Electric	Other	Total						
1. Train-km in mio												
Member States												
Belgique/België	41,1	28,0	69,1	7,9	13,9	21,8	0,2	1,5	1,7	49,2	43,4	92,6
Danmark	-	20,3	20,3	-	5,4	5,4	-	0	0	-	25,7	25,7
Deutschland	265,7	127,0	392,7	168,7	58,4	227,1	4,1	9,9	14,0	438,5	195,3	633,8
France	179,0	116,9	295,9	160,5	67,7	228,2	1,3	2,7	4,0	340,8	187,3	528,1
Ireland	-	8,5	8,5	-	4,8	4,8	-	0	0	-	13,3	13,3
Italia	154,6	70,8	225,4	51,1	5,5	56,6	10,3	3,1	13,4	216,0	79,4	295,4
Luxembourg	1,6	1,5	3,1	0,8	1,2	2,0	0	0,5	0,5	2,4	3,2	5,6
Niederland	78,9	15,9	94,8	9,8	5,0	14,8	-	-	-	88,7	20,9	109,6
United Kingdom	158,3	175,1	333,4	15,4	84,5	99,9	2,1	18,0	20,1	175,8	277,6	453,4
Total	879,2	564,0	1 443,2	414,2	246,4	660,6	18,0	35,7	53,7	1 311,4	846,1	2 157,5
2. Gross.tkm worked in.mrd												
Member States												
Belgique/België	12,9	7,2	20,1	7,5	10,4	17,9	0	0,2	0,2	20,4	17,8	38,2
Danmark	-	5,4	5,4	-	3,8	3,8	-	0	0	-	9,2	9,2
Deutschland	87,9	24,8	112,7	146,5	30,1	176,6	1,5	1,0	2,5	235,9	55,9	291,8
France	86,2	27,3	113,5	144,3	41,9	186,2	0,5	0,8	1,3	231,0	70,0	301,0
Ireland	-	1,6	1,6	-	1,8	1,8	-	0,1	0,1	-	3,5	3,5
Italia	71,9	10,7	82,6	43,1	2,8	45,9	6,1	0,7	6,8	121,1	14,2	135,3
Luxembourg	0,3	0,3	0,6	0,6	0,9	1,5	0	0	0	0,9	1,2	2,1
Niederland	16,1	1,7	17,8	6,3	2,6	8,9	-	-	-	22,4	4,3	26,7
United Kingdom	47,3	44,0	91,3	7,4	46,1	53,5	0,7	14,2	14,9	55,4	104,3	159,7
Total	322,6	123,0	445,6	355,7	140,4	496,1	8,8	17,0	25,8	687,1	280,4	967,5

1) For nine months only (1.4 - 31.12.1978).

2) To add. : 3,0 mrd gross tkm worked (about) to compensate for the 3 months not reported for Denmark.

PART TWO

UTILIZATION

Rail infrastructures

Road infrastructures

Inland waterway infrastructures

UTILIZATION OF INFRASTRUCTURES : RAILWAYS 1978

Table 22

All Member States

Network : entire State networks

Classification	Railway traffic			Total for each country			Total for the nine
	Passenger	Goods	Electric	Electric	Other	Other	
1. Train-km							
Belgique/België	74,6	23,5	53,1	46,9			4,3
Danmark	79,0	21,0	-	100,0			1,2
Deutschland	62,0	35,8	69,2	30,8			29,3
France	56,0	43,2	64,5	35,5			24,5
Ireland	63,9	36,1	-	100,0			0,6
Italia	76,3	19,2	73,1	26,9			13,7
Luxembourg	55,4	35,7	42,9	57,1			0,3
Nederland	86,5	13,5	80,9	19,1			5,1
United Kingdom	73,6	22,0	38,8	61,2			21,0
Total	66,9	30,6	60,8	39,2			100
2. Gross tkm worked							
Belgique/België	52,6	46,9	53,4	46,6			3,9
Danmark	58,7	41,3	-	100,0			1,3
Deutschland	38,6	60,5	80,8	19,2			30,1
France	37,7	61,9	76,7	23,3			31,0
Ireland	45,7	51,4	-	100,0			0,4
Italia	61,0	33,9	89,5	10,5			13,9
Luxembourg	28,6	71,4	42,9	57,1			0,2
Nederland	66,7	33,3	83,9	16,1			2,7
United Kingdom	57,2	33,5	34,7	65,3			16,5
Total	46,0	51,3	70,8	29,2			100

UTILIZATION OF INFRASTRUCTURES : ROADS, 1978

Table 23

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

Member State : BELGIQUE / BELGIË

no. v-2

Category of vehicle	Category of roads			Total
	Autoroutes/ Autosnelwegen	Autres routes : de l'Etat/Ande- re rijkswegen : Provinciale wegen	Routes communales/ Gemeentewegen	
1. Passenger vehicles with less than 10 seats				28 800
2. Vans with total permitted laden weight less than 3 t				352
3. Goods vehicles				1 540
4. Goods vehicles with trailer				108
5. Tractors with semi-trailer				527
6. Buses and coaches				326
7. Vehicles used for the transport of abnormal loads and special vehicles				0
8. Agricultural vehicles				0
	0	0	0	31 653
Total				100

1
0
1

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

Table 24

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

Member State : DANMARK

mio v-kg

Category of vehicle	Category of roads			Total		
	Motorveje	Hovedlandeveje	Landeveje	Kommuneveje	Number	%
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 : Number	2 300	6 400	4 700	7 800	21 200	
Total : %	10,8	30,1	22,1	37,0		100

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

Table 25

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

Member State : DEUTSCHLAND

mio v-km

Category of vehicle	Category of roads				Total		
	Bundes- autobahnen	Bundes- strassen	Land- strassen	Kreis- strassen		Gemeinde- strassen	Number
1. Passenger vehicles with less than 10 seats	61 466	52 055	37 926	19 627	11 082	182 156	86,9
2. Vans with total permitted laden weight less than 3 t	1 460	1 576	1 115	603	340	5 094	2,4
3. Goods vehicles	2 628	2 424	1 632	812	459	7 955	3,8
4. Goods vehicles with trailer	4 088	1 576	617	232	131	6 644	3,2
5. Tractors with semi-trailer	2 409	788	265	93	53	3 608	1,7
6. Buses and coaches	511	667	529	255	144	2 106	1,0
7. Vehicles used for the transport of abnormal loads and special vehicles		146	617	650	367	2 143	1,0
8. Agricultural vehicles							
Total	72 708	59 449	42 701	22 272	12 576	209 706	
	34,7	28,3	20,4	10,6	6,0		100

UTILIZATION OF INFRASTRUCTURES : ROADS 1977

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

Member State : FRANCE

mio v-km

Category of vehicle	Category of roads				Total
	Autoroutes	Routes nationales	Chemins départementaux	Voies communales	
					Number
1. Passenger vehicles with less than 10 seats		45 300			
2. Vans with total permitted laden weight less than 3 t		2 400			
3. Goods vehicles					
4. Goods vehicles with trailer		8 800			
5. Tractors with semi-trailer					
6. Buses and coaches		400			
7. Vehicles used for the transport of abnormal loads and special vehicles		200			
8. Agricultural vehicles		0			
	34 700	57 100	116 000	10 000	217 800
Total	15,9	26,2	53,3	4,6	100

NB : 1977 figures in the absence of 1978 ones.

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

Table 27

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

Member State : IRELAND

mio v-km

Category of vehicle	Category of roads				Total	
	National primary roads	Main roads	County roads	Urban roads		
	Number	%	Number	%	Number	%
1. Passenger vehicles with less than 10 seats	10 500	73,5			10 500	73,5
2. Vans with total permitted laden weight less than 3 t	1 100	7,7			1 100	7,7
3. Goods vehicles	1 300	9,1			1 300	9,1
4. Goods vehicles with trailer	33	0,2			33	0,2
5. Tractors with semi-trailer	360	2,5			360	2,5
6. Buses and coaches	220	1,5			220	1,5
7. Vehicles used for the transport of abnormal loads and special vehicles	50	0,4			50	0,4
8. Agricultural vehicles	720	5,1			720	5,1
Total	14 283				14 283	100

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

Table 28

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

Member State : ITALIA

mio v-km

Category of vehicle	Category of roads			Total
	Autostrade	Strade Statali	Strade Provinciali	
	Number	%	Number	%
1. Passenger vehicles with less than 10 seats	22 285			
2. Vans with total permitted laden weight less than 3 t	1 563			
3. Goods vehicles	3 104			
4. Goods vehicles with trailer	2 043			
5. Tractors with semi-trailer	1 029			
6. Buses and coaches	272			
7. Vehicles used for the transport of abnormal loads and special vehicles	42			
8. Agricultural vehicles				
Total :	30 338			
Total :	Number			
		%		

Table 29

UTILIZATION OF INFRASTRUCTURES: ROADS 1978

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

Member State : NEDERLAND

mio v-km

Category of vehicle	Category of roads				Total		
	Autosnel- wegen	Andere belangrijke rijkswegen	Secundaire wegen	Tertiaire wegen	Overige wegen	Nombre	%
1. Passenger vehicles with less than 10 seats	15 010	6 240	6 020	3 360	4 960	35 590	85,2
2. Vans with total permitted laden weight less than 3 t	500	220	260	140	210	1 330	3,2
3. Goods vehicles	1 110	500	450	230	330	2 620	6,3
4. Goods vehicles with trailer	410	190	110	50	80	840	2,0
5. Tractors with semi-trailer	480	220	130	50	70	950	2,2
6. Buses and coaches	120	60	80	30	40	330	0,8
7. Vehicles used for the transport of abnormal loads and special vehicles	0	0	10	10	10	30	0,1
8. Agricultural vehicles	0	10	10	20	30	70	0,2
Number	17 630	7 440	7 070	3 890	5 730	41 760	
Total	42,2	17,8	17,0	9,3	13,7		100

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

Table 30

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

Member State : UNITED KINGDOM

mio v-km

Category of vehicle	Category of roads				Total
	Motorways	Trunk roads	Principal roads	Sub principal and unclassified	
1. Passenger vehicles with less than 10 seats	19 910	27 369	28 636	33 225	109 140
2. Vans with total permitted laden weight less than 3 t	1 633	2 579	2 845	3 722	10 779
3. Goods vehicles	2 691	2 594	2 455	2 057	9 797
4. Goods vehicles with trailer	25	20	8	3	56
5. Tractors with semi-trailer	2 117	1 697	640	258	4 712
6. Buses and coaches	245	373	389	361	1 368
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	26 621	34 632	34 973	39 626	135 852
	19,6	25,5	25,7	29,2	100

NOTE : Excluding Northern Ireland.

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

Table 30.a

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

Member State : UNITED KINGDOM

mio v-km

Category of vehicle	Category of roads				Total
	Motorways	Trunk roads	Principal roads	Sub principal and unclassified	
1. Passenger vehicles with less than 10 seats		8 628	43 999	58 037	110 664
2. Vans with total permitted laden weight less than 3 t		897	4 301	6 370	11 568
3. Goods vehicles		647	2 547	2 579	5 773
4. Goods vehicles with trailer		3	8	2	13
5. Tractors with semi-trailer		248	713	199	1 160
6. Buses and coaches		198	1 056	1 072	2 326
7. Vehicles used for the transport of abnormal loads and special vehicles		0	0	0	0
8. Agricultural vehicles		0	0	0	0
	Number	10 621	52 624	68 259	131 504
	%	8,1	40,0	51,9	100

NOTE : Excluding Northern Ireland.

Table 31

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

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

Member State : BELGIQUE / BELGIË

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	28 800	9 600	91,7	38 400	75,0	25,0	100
2. Vans with total permitted laden weight less than 3 t	352	117	1,1	469	75,0	25,0	100
3. Goods vehicles	1 540	385	4,9	1 925	80,0	20,0	100
4. Goods vehicles with trailer	108	27	0,3	135	80,0	20,0	100
5. Tractors with semi-trailer	527	132	1,7	659	80,0	20,0	100
6. Buses and coaches	326	203	1,9	529	61,6	38,4	100
7. Vehicles used for the transport of abnormal loads and special vehicles	0	0	0	0	0	0	0
8. Agricultural vehicles	0	0	0	0	0	0	0
Total : Number	31 653	10 464		42 117			
Total : %	100	100		100	75,1	24,9	100

Table 32

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

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

Member State : DANMARK

mio v-km and %

Road category	Mio vehicle-km and %			%	
	Outside built-up areas	Within built-up areas	Total	Outside	Within
1. Motorveje	2 300	0	2 300	100	0
2. Hovedlandeveje	6 400	1 300	7 700	83,0	17,0
3. Landeveje	4 700	800	5 500	85,5	14,5
4. Kommuneveje	7 800	5 300	13 100	59,5	40,5
Total	21 200	7 400	28 600	74,1	25,9

Table 32 a

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

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

Member State : DANMARK

mio v-km and %

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			77,2
2. Vans with total permitted laden weight less than 3 t			10,8
3. Goods vehicles			8,4
4. Goods vehicles with trailer			1,4
5. Tractors with semi-trailer			0,9
6. Buses and coaches			1,3
7. Vehicles used for the transport of abnormal loads and special vehicles			0
8. Agricultural vehicles			0
Total	21 200	7 400	28 630
Number	100	100	100
%			74,1 : 25,9 : 100

Table 33

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

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

Member State : DEUTSCHLAND

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	182 156	86,9			
2. Vans with total permitted laden weight less than 3 t	5 094	2,4			
3. Goods vehicles	7 955	3,8			
4. Goods vehicles with trailer	6 644	3,2			
5. Tractors with semi-trailer	3 608	1,7			
6. Buses and coaches	2 106	1,0			
7. Vehicles used for the transport of abnormal loads and special vehicles	2 143	1,0			
8. Agricultural vehicles					
Total	209 706	102 000	311 706	100	100
				67,3	32,7

UTILIZATION OF INFRASTRUCTURES : ROADS 1977

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

Member State : FRANCE

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	:	:	:
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 :	217 800	0	0
Number :	100	0	0
% :	100	0	0

NB. : 1977 figures in the absence of 1978 ones.

Table 35

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

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

Member State : IRELAND

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	10 500	73,5				
2. Vans with total permitted laden weight less than 3 t	1 100	7,7				
3. Goods vehicles	1 300	9,1				
4. Goods vehicles with trailer	33	0,2				
5. Tractors with semi-trailer	360	2,5				
6. Buses and coaches	220	1,5				
7. Vehicles used for the transport of abnormal loads and special vehicles	50	0,4				
8. Agricultural vehicles	720	5,1				
Total : Number	14 283		0			
Total : %		100	0			

Table 36

UTILIZATION OF INFRASTRUCTURES.: ROADS 1978

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

Member State : ITALIA

mio v-km and %

Category of vehicle	Mio vehicle-km and %		Total	Outside	Within	Total
	Outside built-up areas	Within built-up areas				
1. Passenger vehicles with less than 10 seats	22 285					
2. Vans with total permitted laden weight less than 3 t	1 563					
3. Goods vehicles	3 104					
4. Goods vehicles with trailer	2 043					
5. Tractors with semi-trailer	1 029					
6. Buses and coaches	272					
7. Vehicles used for the transport of abnormal loads and special vehicles	42					
8. Agricultural vehicles	-					
Total : Number	30 338					
Total : %						

NB.: Figures for "Autostrade" only.

Table 37

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

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

Member State : NEDERLAND

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	35 590	85,2				
2. Vans with total permitted laden weight less than 3 t	1 330	3,2				
3. Goods vehicles	2 620	6,3				
4. Goods vehicles with trailer	840	2,0				
5. Tractors with semi-trailer	950	2,2				
6. Buses and coaches	330	0,8				
7. Vehicles used for the transport of abnormal loads and special vehicles	30	0,1				
8. Agricultural vehicles	70	0,2				
Number	41 760		0			
Total		100				
%						

Table 38

UTILIZATION OF INFRASTRUCTURES : ROADS 1978

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

Member State : UNITED KINGDOM

mio v-km and %

Category of vehicle	Mio vehicle-km and %			Total	%	
	Outside built-up areas	Within built-up areas	Total		Outside	Within
1. Passenger vehicles with less than 10 seats	109 140	110 664	219 804	82,2	49,6	50,4
2. Vans with total permitted laden weight less than 3 t	10 779	11 568	22 347	8,4	48,2	51,8
3. Goods vehicles	9 797	5 773	15 570	5,8	62,9	37,1
4. Goods vehicles with trailer	56	13	69	0	81,2	18,8
5. Tractors with semi-trailer	4 712	1 160	5 872	2,2	80,2	19,8
6. Buses and coaches	1 368	2 326	3 694	1,4	37,0	63,0
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	135 852	131 504	267 356	100	50,8	49,2

NOTE : Excluding Northern Ireland

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1978

Table 39

Member State : BELGIQUE / BELGIË

Entire network excluding waterways <250 t

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Tkm deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250	219	38	29
250 - 399	10 314	3 695	758
400 - 649	3 481	1 774	253
650 - 999	2 090	1 770	106
1.000 - 1.499	1 704	2 092	66
≥ 1.500	623	1 229	4
Total	18 491	10 598	1 215
b) Dumb barges (t)			
< 250	32	4	2
250 - 399	14	5	3
400 - 649	5	3	0
650 - 999	6	5	3
1.000 - 1.499	31	41	5
≥ 1.500	15	28	2
Total	103	86	15
c) Pushed barges (t)			
< 400	106	36	2
400 - 649	13	7	1
650 - 999	47	41	2
1.000 - 1.499	213	281	8
≥ 1.500	220	465	7
Total	599	830	20
d) Sea-going vessels with net tonnage of : (NRT)			
< 300	1	0	2
300 - 999	28	17	4
≥ 1.000	21	23	3
Total	50	40	9
e) Tugs with a power of : (kW)			
< 184	115		7
184 - 293	40		3
294 - 734	33		2
≥ 735	-		-
Total	188		12
f) Pusher craft with a power of : (kW)			
< 184	28		1
184 - 293	33		2
294 - 734	292		13
≥ 735	-		-
Total	353		16
g) Passenger vessels			
			15

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1978

Member State : DEUTSCHLAND

Entire network excluding waterways <250 t

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Tkm deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250	345	69	10
250 - 399	5 223	1 810	167
400 - 649	11 923	6 270	328
650 - 999	24 183	20 379	547
1.000 - 1.499	28 952	35 780	610
≥ 1.500	10 696	20 324	103
Total	81 322	84 632	1 765
b) Dumb barges (t)			
< 250	34	5	0
250 - 399	6	2	0
400 - 649	53	28	1
650 - 999	523	434	6
1.000 - 1.499	452	546	10
≥ 1.500	209	431	3
Total	1 277	1 446	20
c) Pushed barges (t)			
< 400	109	41	2
400 - 649	579	263	6
650 - 999	580	511	3
1.000 - 1.499	365	481	4
≥ 1.500	6 749	15 283	38
Total	8 382	16 579	53
d) Sea-going vessels with net tonnage of : (NRT)			
< 300	377	60	9
300 - 999	118	50	0
≥ 1.000	-	-	0
Total	495	110	9
e) Tugs with a power of : (kW)			
< 184	152		5
184 - 293	334		8
294 - 734	183		2
≥ 735	89		0
Total	758		15
f) Pusher craft with a power of : (kW)			
< 184	441		5
184 - 293	531		11
294 - 734	1 207		5
≥ 735	2 605		15
Total	4 784		36
g) Passenger vessels			

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1979

Member State : FRANCE

Entire network excluding waterways <250 t

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Tkm deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250	371	77	38
250 - 399	25 435	9 261	4 228
400 - 649	2 998	1 398	292
650 - 999	1 288	1 078	61
1.000 - 1.499	973	1 197	60
≥ 1.500	262	509	18
Total	31 327	13 515	4 697
b) Dumb barges (t)			
< 250	52	11	3
250 - 399	50	17	2
400 - 649	31	13	1
650 - 999	17	14	1
1.000 - 1.499	0	0	0
≥ 1.500	2	3	0
Total	152	58	7
c) Pushed barges (t)			
< 400	1 398	460	88
400 - 649	2 378	1 108	108
650 - 999	1 153	880	38
1.000 - 1.499	276	327	10
≥ 1.500	1 943	4 620	71
Total	7 148	7 395	310
d) Sea-going vessels with net tonnage of : (NRT)			
< 300			
300 - 999			
≥ 1.000			
Total			
e) Tugs with a power of : (kW)			
< 184			
184 - 293			
294 - 734			
≥ 735			
Total			
f) Pusher craft with a power of :(kW)			
< 184			
184 - 293			
294 - 734			
≥ 735			
Total			
g) Passenger vessels			

NB. : 1979 figures in the absence of 1978 ones.

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1978

Member State : NEDERLAND

Entire network excluding waterways <250 t

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Tkm deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250			
250 - 399			
400 - 649			
650 - 999			
1.000 - 1.499			
≥ 1.500			
Total	75 386	60 266	1 806
b) Dumb barges (t)			
< 250			
250 - 399			
400 - 649			
650 - 999			
1.000 - 1.499			
≥ 1.500			
Total	1 883	1 725	47
c) Pushed barges (t)			
< 400			
400 - 649			
650 - 999			
1.000 - 1.499			
≥ 1.500			
Total	9 396	18 532	108
d) Sea-going vessels with net tonnage of : (NRT)			
< 300			
300 - 999			
≥ 1.000			
Total	988	928	11
e) Tugs with a power of : (kW)			
< 184			
184 - 293			
294 - 734			
≥ 735			
Total	3 531		73
f) Pusher craft with a power of : (kW)			
< 184			
184 - 293			
294 - 734			
≥ 735			
Total	2 977		48
g) Passenger vessels	819		22

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1978

Member State : UNITED KINGDOM

Entire network excluding waterways <250 t

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Tkm deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250	68	13	13
250 - 399	210	62	33
400 - 649	86	42	11
650 - 999	15	11	-
1.000 - 1.499	-	-	-
≥ 1.500	-	-	0
Total	379	128	57
b) Dumb barges (t)			
< 250	4	0	0
250 - 399	-	-	-
400 - 649	22	5	2
650 - 999	-	-	-
1.000 - 1.499	-	-	-
≥ 1.500	-	-	-
Total	26	5	2
c) Pushed barges (t)			
< 400	133	22	23
400 - 649	-	-	-
650 - 999	-	-	-
1.000 - 1.499	-	-	-
≥ 1.500	-	-	-
Total	133	22	23
d) Sea-going vessels with net tonnage of : (NRT)			
< 300	14	1	1
300 - 999	13	7	-
≥ 1.000	0	-	-
Total	27	8	1
e) Tugs with a power of : (kW)			
< 184	23	-	2
184 - 293	-	-	-
294 - 734	-	-	-
≥ 735	-	-	-
Total	23	-	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 1978

All Member States

Entire network excluding waterways < 250 t

Category of vessels	Belgique /België	Deutsch- land	France	Italia	Neder- land	United Kingdom	Total	
							Number	%
1. Vessel-km in 000								
Motorships	18 491	81 322	31 327		75 386	379	206 905	82,4
Dumb barges	103	1 277	152		1 883	26	3 441	1,4
Pushed barges	599	8 382	7 148		9 396	133	25 658	10,2
Sea-going vessels	50	495	0		988	17	1 550	0,6
Tugs	188	758	0		3 531	23	4 500	1,8
Pusher craft	353	4 784	0		2 977	44	8 158	3,3
Passenger ships	0	0	0		819	0	819	0,3
Total	Number	19 784	97 018	38 627	0	94 980	622	251 031
	%	7,9	38,7	15,4	0	37,8	0,2	100
2. Tkm deadweight in mio								
Motorships	10 598	84 632	13 515		60 266	128	169 139	78,0
Dumb barges	86	1 446	58		1 725	5	3 320	1,5
Pushed barges	830	16 579	7 395		18 532	22	43 358	20,0
Sea-going vessels	40	110	0		928	8	1 086	0,5
Total	Number	11 554	102 767	20 968	0	81 451	163	216 903
	%	5,3	47,4	9,7	0	37,5	0,1	100
3. Vessels passed locks in 000								
Motorships	1 216	1 765	4 697		1 806	57	9 541	91,5
Dumb barges	15	20	7		47	2	91	0,9
Pushed barges	20	53	310		108	23	514	4,9
Sea-going vessels	9	9	0		11	1	30	0,3
Tugs	12	15	0		73	2	102	1,0
Pusher craft	16	36	0		48	8	108	1,0
Passenger ships	15	0	0		22	0	37	0,4
Total	Number	1 303	1 898	5 014	0	2 115	93	10423
	%	12,5	18,2	48,1	0	20,3	0,9	100

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1978

All Member States

Entire network excluding waterways < 250 t

Category of waterway	Belgique/ België	Deutsch- land	France	Italia	Neder- land	United Kingdom	Total	
							Number	%
1. Vessel-km in 000								
Regulated rivers	3 682	62 523	682		44 425	112	111 424	44,4
Canalized rivers	5 834	16 515	22 417		10 645	487	55 898	22,3
Canals	10 241	17 665	15 528		22 867	23	66 324	26,4
Other waterways	27	315	-		17 043	-	17 385	6,9
Total	19 784	97 018	38 627	0	94 980	622	251 031	100
2. Tkm deadweight in mio								
Regulated rivers	2 751	71 538	235		43 860	46	118 430	54,6
Canalized rivers	2 504	16 741	13 758		6 327	115	39 445	18,2
Canals	6 290	14 293	6 975		17 132	2	44 692	20,6
Other waterways	9	195	-		14 132	-	14 336	6,6
Total	11 554	102 767	20 968	0	81 451	163	216 903	100
3. Vessels passed locks in 000								
Regulated rivers	1	30	-		81	3	115	1,1
Canalized rivers	515	1 031	1 290		298	88	3 222	30,9
Canals	786	837	3 724		1 578	2	6 927	66,5
Other waterways	1	-	-		158	-	159	1,5
Total	1 303	1 898	5 014	0	2 115	93	10 423	100

Table 46

INFRASTRUCTURE EXPENDITURE

Railways, Roads and inland waterways

1978

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	191	237	166 1)	822	674	1 496	111	55	166	2 090
Danmark	40	69	-	369	365	734 3)	-	-	-	843
Deutschland	559	2 270	290	6 184	3 587	9 771	266	196	462	13 352
France	438	775	403	2 939	2 766	5 705	65	48	113	7 434
Ireland	6	13	3	51	100	151	-	-	-	173
Italia	278	789	-	963	1 470	2 433	8	4	12	3 512
Luxembourg	11	21	6	50	37	87	0	0	0	125
NederLand	126	169	-	944	1 117	2 061	64	108	172	2 528
United Kingdom	301	507	-	997	1 642	2 639	-	3	3	3 450
E E C	1 950	4 850	702	13 319	11 758	25 077	514	414	928	33 507

1) Included in the breakdown of infrastructure expenditure.

2) Including an estimated amount of 27,2 mio EUA for 3 months not reported.

3) Including an estimated amount of 48 mio EUA for 3 months not reported for "motorveje and hovedlandeveje".

UTILIZATION OF INFRASTRUCTURES

Table 47

Railways, Roads and Inland waterways

1 9 7 8

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	passing locks	Vessel mio
Belgique / België	92,6	38,2	31,6	19,8	11,5		1,3
Danmark	34,3	12,2	21,2	-	-		-
Deutschland	633,8	291,8	209,7	97,0	102,8		1,9
France	528,1	301,0	0	38,6	21,0	2)	5,0
Ireland	13,3	3,5	14,3	-	-		-
Italia	295,4	135,3	0	0	0		0
Luxembourg	5,6	2,1	0	1)	1)		1)
Nederland	109,6	26,7	41,8	95,0	81,4		2,1
United Kingdom	453,4	159,7	135,8	0,6	0,2		0,1
EEC	2 166,1	970,5	0	251,0	217,1		10,4

1) Included in the German figures.

2) 1979 figures

3) Including an estimate of 8,6 mio Train-km and 3,0 mrd Gross tkm worked for 3 month for which no figures were available.

Table 48

LENGTH OF THE NETWORK

Railways, Roads and Inland waterways

1 9 7 8

km

Member States	Railways (Length of track)	R o a d s				Total	Inland waterways (in operation)
		Motorways	National roads	Other roads			
Belgique/België	11 249	1 082	11 277	113 197	125 556	1 540	
Danmark	4 653	408	4 220	61 923	66 551	-	
Deutschland	65 974	6 711	32 290	436 052	475 053	4 581	
France	74 240	4 293	28 590	751 000	783 883	6 969	
Ireland	2 516	0	15 981	76 313	92 294	-	
Italia	29 829	5 615	44 929	242 583	293 127	2 237	
Luxembourg	630	30	867	4 157	5 054	37	
Nederland	7 020	1 661	2 529	94 995	99 185	4 803	
United Kingdom	45 276	2 290	13 161	331 649	347 100	538	
EEC	241 387	22 090	153 844	2 111 869	2 287 803	20 705	

INFRASTRUCTURE EXPENDITURE
for the three modes of transport

1973 - 1978

mio of national currencies

Year	B	DK	D	F	IRL	I 3)	L	NL	UK
RAILWAYS									
1973	8 473	547	5 965	3 359	6,1	384	687	441	218
1974	9 963	699	6 869	4 165	8,5	433	762	476	285
1975	11 897	869	7 234	5 030	11,0	494	894	622	361
1976	13 099	933	7 906	6 908 2)	11,9	679	759	678	377
1977	14 646	943	7 834	7 901	13,7	897	1 208	806	448
1978	17 153	765	7 972	9 276	14,9	1 152	1 522	813	536
ROADS									
1973	40 315	2 363	19 902	21 236 1)	47,0 1)	1 771	2 057	3 270	1 108
1974	41 592	2 964	21 703	24 783 1)	51,3	1 811	2 565	4 355	1 315
1975	48 421	3 469	21 952	25 592 1)	58,9	2 086	2 839	5 008	1 560
1976	56 255	3 428	21 510	25 731	62,7	2 043	3 082	5 368	1 651
1977	58 578	4 484	22 390	27 733	79,9	2 514	3 177	5 371	1 586
1978	59 954	5 156	24 976	32 748	100,0	2 628	3 500	5 677	1 752
WATERWAYS									
1973	3 587	-	949	548 1)	-	0	16,7	422	0
1974	3 911	-	1 022	548 1)	-	0	8,8	434	0
1975	5 494	-	1 095	671	-	0	11,7	433	0
1976	6 062	-	1 051	554	-	7,1	6,7	486	1,45
1977	7 099	-	1 101	693	-	12,4	6,0	472	1,58
1978	6 643	-	1 182	648	-	12,4	6,6	473	1,95
THE THREE MODES									
1973	52 375	2 910	26 816	25 143	53,1	2 155	2 761	4 133	1 326
1974	55 466	3 663	29 594	29 496	59,8	2 244	3 336	5 265	1 600
1975	65 812	4 338	30 281	31 293	69,9	2 580	3 745	6 063	1 921
1976	75 416	4 361	30 467	33 193	74,6	2 729	3 848	6 532	2 029
1977	80 323	5 427	31 325	36 327	93,6	3 423	4 391	6 649	2 036
1978	83 750	5 921	34 130	42 672	114,9	3 792	5 029	6 963	2 290

- 1) Expenditures on certain elements included in the total were not communicated at the time. In order to provide better comparability it has therefore been necessary to estimate these elements on the basis of information for subsequent years.
- 2) The increase in this expenditure as compared to 1975 is partly due to a correction concerning items of expenditure included.
- 3) In LIT x 000.

INFRASTRUCTURE EXPENDITURE

for the three modes of transport

1973 - 1978

mio EUA

Year	D	F	I 3)	UK	NL	B	DK	IRL	L	EEC
RAILWAYS										
1973	1 821	614	536	434	129	177	74	12	14	3 811
1974	2 228	726	558	559	149	215	96	17	16	4 564
1975	2 372	946	610	644	198	261	122	20	20	5 193
1976	2 808	1 292 2)	730	607	229	303	138	19	18	6 144
1977	2 958	1 409	891	686	288	358	138	21	30	6 779
1978	3 119	1 616	1 067	808	295	428	109	22	38	7 502
ROADS										
1973	6 074	3 884 1)	2 471	2 206	954	843	319	94 1)	43	16 888
1974	7 038	4 322 1)	2 334	2 579	1 360	896	408	101	55	19 093
1975	7 199	4 811 1)	2 578	2 785	1 598	1 062	487	105	62	20 687
1976	7 640	4 814	2 197	2 656	1 817	1 303	507	101	71	21 106
1977	8 454	4 947	2 497	2 427	1 918	1 433	654	122	78	22 530
1978	9 771	5 705	2 433	2 639	2 061	1 496	734	151	87	25 077
WATERWAYS										
1973	290	100 1)	0	0	123	75	-	-	0,3	588
1974	331	96 1)	0	0	136	84	-	-	0,2	647
1975	359	126	0	2,0	138	121	-	-	0,3	746
1976	373	104	8	2,4	165	140	-	-	0,2	792
1977	416	124	12	2,4	169	174	-	-	0,2	897
1978	462	113	12	2,9	172	166	-	-	0,2	928
THE THREE MODES										
1973	8 185	4 598	3 007	2 640	1 206	1 095	393	106	57	21 287
1974	9 597	5 144	2 892	3 138	1 645	1 195	504	118	71	24 304
1975	9 930	5 883	3 188	3 431	1 934	1 444	609	125	82	26 626
1976	10 821	6 210	2 935	3 265	2 211	1 746	645	120	89	28 042
1977	11 828	6 480	3 400	3 115	2 375	1 965	792	143	108	30 206
1978	13 352	7 434	3 512	3 450	2 528	2 090	843	173	125	33 507

NB. See notes on preceding table.

UTILIZATION OF INFRASTRUCTURES
of the three modes of transport
1973 - 1978

Year	D	F	I	UK	NL	B	DK	IRL	L	EEC
Railways in mrd gross ton-km worked										
1973	323,7	302,8	131,6	159,9	29,1	42,3	13,1	2,0 1)	2,3	1 007
1974	322,0	311,8	134,4	159,9	28,8	44,5	13,1	2,0	2,6	1 019
1975	283,6	288,6	126,5	162,9	27,7	39,2	12,7	3,4	2,1	947
1976	292,8	303,6	133,6	162,1	27,5	39,7	13,2	3,4	2,1	978
1977	286,0	295,9	135,7	162,1	27,2	39,6	12,9	3,3	2,0	965
1978	291,8	301,0	135,3	159,7	26,7	38,2	12,2	3,5	2,1	970
Roads outside built-up areas in mrd vehicle-km										
1973	176,6	178,9 1)	123,4 3)	122,1	32,2 1)	25,8	18,0 1)	11,0	1,0	689
1974	176,6	175,2 1)	121,3 3)	118,5	32,8 1)	26,9	18,4 1)	11,2	1,2	682
1975	193,2	201,9	126,1 3)	121,3	36,0	27,9	18,6 1)	11,5	1,1	738
1976	195,2	212,0	128,9 3)	127,1	35,9	28,6	18,6	11,6	1,1 1)	759
1977	202,5	217,8	131,7 3)	128,3	38,8	30,4	20,7	12,9	1,1 1)	784
1978	209,7	°	°	135,8	41,8	31,6	21,2	14,3	1,2	°
Waterways in mrd deadweight ton-km										
1973	106,2	26,0	°	0,2	72,9	11,8	-	-	-	217
1974	102,0	26,0	°	0,2	73,5	12,1	-	-	-	214
1975	94,5	21,5	°	0,2	65,4	9,5	-	-	-	191
1976	111,2	22,7	°	0,2	82,5	11,9	-	-	-	229
1977	99,3	20,1	°	0,2	73,6	11,5	-	-	-	205
1978	102,8	21,0 2)	°	0,2	81,4	11,6	-	-	-	217

1) Partly estimated.

2) Figures for 1979.

3) Only "autostrade and strade statali".

DEVELOPMENT OF INFRASTRUCTURE EXPENSES AND UTILIZATION

Table 52

1973 = 100

OF THE THREE MODES OF TRANSPORT

1973 - 1978

d = expenditure u = utilisation

Year	B	DK	D	F	IRL	I	L	NL	GB	EEC
Railways										
1974	d : 118	128	115	124	139	113	111	108	131	120
	u : 105	101	99	99	103	100	113	99	100	101
1975	d : 140	159	121	150	180	129	130	141	165	136
	u : 93	97	88	88	95	100	91	95	102	94
1976	d : 154	171	133	206	195	177	110	154	173	161
	u : 94	101	90	90	100	100	91	95	101	97
1977	d : 173	172	131	235	225	234	176	183	206	178
	u : 94	98	88	88	97	103	86	94	101	96
1978	d : 202	140	134	276	244	300	222	184	246	197
	u : 90	93	90	90	103	103	91	92	100	96
Roads										
1974	d : 103	125	109	117	109	102	125	133	119	113
	u : 104	102	100	100	98	98	116	102	97	99
1975	d : 120	147	110	120	125	118	138	153	141	122
	u : 108	103	109	109	114	102	109	112	99	107
1976	d : 140	145	108	121	133	115	150	164	149	125
	u : 111	103	111	111	120	104	0	112	104	110
1977	d : 145	190	113	131	170	142	154	164	143	133
	u : 118	115	115	115	123	107	0	120	105	114
1978	d : 149	218	125	154	213	148	170	174	158	148
	u : 122	118	119	119	0	0	120	130	111	0
Waterways										
1974	d : 109	-	108	100	-	0	53	103	0	110
	u : 103	-	96	96	100	0	0	101	100	98
1975	d : 153	-	115	122	-	0	70	103	0	126
	u : 81	-	89	89	83	0	0	90	100	88
1976	d : 169	-	111	101	-	0	40	115	0	132
	u : 101	-	105	105	87	0	0	113	100	105
1977	d : 198	-	116	126	-	0	36	112	0	150
	u : 97	-	94	94	77	0	0	98	100	94
1978	d : 185	-	125	118	-	0	39	112	0	155
	u : 98	-	97	97	81	0	0	112	100	100

Table 53

GENERAL INDEX OF CONSUMER PRICES IN THE
EUROPEAN COMMUNITY

Year	B	DK	D	F	IRL	I	L	NL	GB	EEC
1973	100	100	100	100	100	100	100	100	100	100
1974	113	115	107	114	117	119	110	110	117	113
1975	126	127	114	127	141	139	122	120	145	128
1976	138	138	119	139	166	162	134	131	170	142
1977	148	153	124	152	189	192	143	140	196	158
1978	154	168	128	166	203	215	148	146	212	169

N.B. : This table is included in order to provide a readily available background on the trends in the "real" value of infrastructure expenditures in the Member States and at EEC level. It is not suggested however, that the general index of consumer prices is the correct index for an accurate analysis of these trends.

UTILIZATION OF INFRASTRUCTURES : INLAND WATERWAYS 1977

Table 54

Member State : NEDERLAND

CORRIGENDUM

Entire network excluding waterways <250 t.

Category of vessel (deadweight tonnage or power)	Vessel-km in 000	Tkm deadweight in mio	Vessels passed locks in 000
a) Motorships (t)			
< 250			
250 - 399			
400 - 649			
650 - 999			
1.000 - 1.499			
≥ 1.500			
Total	71 111	53 932	1 631,2
b) Dumb barges (t)			
< 250			
250 - 399			
400 - 649			
650 - 999			
1.000 - 1.499			
≥ 1.500			
Total	1 461	1 401	49,0
c) Pushed barges (t)			
< 400			
400 - 649			
650 - 999			
1.000 - 1.499			
≥ 1.500			
Total	8 757	17 436	75,0
d) Sea-going vessels with net tonnage of : (NRT)			
< 300			
300 - 999			
≥ 1.000			
Total	880	849	9,4
e) Tugs with a power of : (kW)			
< 184			
184 - 293			
294 - 734			
≥ 735			
Total	2 940		72,8
f) Pusher craft with a power of : (kW)			
< 184			
184 - 293			
294 - 734			
≥ 735			
Total	2 952		47,8
g) Passenger vessels	834		20,3