

# 10 Transport

**Cars** Between 1995 and 1998, the number of cars licensed increased within all regions of the United Kingdom.

*(Table 10.1)*

One in six cars licensed in the West Midlands in 1998 was a company car compared with one in 20 in the North East region.

*(Table 10.1)*

In 1998, the proportion of households with two or more cars ranged from over a third of households in the South West and South East regions to around one fifth of households in London, the North East and Scotland.

*(Table 10.2)*

In 1998, the percentage of households with no car ranged from 19 per cent in the South East of England to 38 per cent in Scotland.

*(Table 10.2)*

On average, households in Scotland and the North West region have the newest cars, (under three years old), while those in the South West have the oldest cars (seven years or older).

*(Table 10.3)*

**Travel** On average people in the North East, the South East and the East of England make more journeys per year than those in all other regions, people in Wales and London make the least number of journeys.

*(Table 10.4)*

In 1996-1998, Londoners spent on average over half an hour travelling to work compared with between 19 and 24 minutes in all other parts of Great Britain.

*(Chart 10.5)*

People living in the East of England travelled the longest distances to get to work; 16.7 km on average, compared with an average of 13 km for Great Britain as a whole in 1996-1998.

*(Chart 10.5)*

Londoners and people living in Scotland travel, on average, more than a thousand miles per year by public transport, while those living in the South West and Wales travel only around 500 miles by that mode. Those in the South East travelled the greatest number of miles by car.

*(Table 10.6)*

In 1996-1998, the distance travelled by pedal cycle ranged from an average of around 60 miles per year for people living in the East of England to around 20 miles for people living in Wales and the North East region.

*(Table 10.6)*

**Traffic** The average daily motor vehicle traffic flow on roads in London is around three times that on roads in Wales and in Scotland. *(Table 10.7)*

Average daily motor vehicle flows on motorways in Great Britain in 1998 ranged from 93.8 thousand vehicles per day in London to 35.9 thousand vehicles in Scotland. *(Table 10.7)*

In 1998, over 40 per cent of the motor vehicle traffic in the North West was on motorways compared with less than ten per cent in the North East. *(Table 10.8)*

**Accidents** In 1998, the fatal or serious accident rate per vehicle kilometre on major roads in London was nearly three times that for any other region in England and that for Scotland. *(Table 10.9)*

In 1998, the fatal or serious accident rate per 100 million vehicle kilometres on major roads in Great Britain ranged from 4.4 accidents in the South West region to 19.9 accidents in London. *(Table 10.9)*

In 1998, the rate of fatal and serious road accidents per 100,000 population fell in all regions compared with the 1981-1985 average. The greatest fall was from 158 to 50 in the South West. *(Table 10.9)*

In 1998, just over one in seven road casualties in London was a motor cyclist compared with about one in 40 in Northern Ireland. Almost one in five road casualties in London and Scotland in 1998 were pedestrians compared with around one in ten in the East of England, Northern Ireland and the South East region. *(Table 10.10)*

**Breath tests** In 1998, motor vehicle drivers from the South East region had the highest breath test failure rate (or refused to provide a specimen) for all ages from 17 to 69 years. *(Table 10.11)*

**Airports** London's Heathrow and Gatwick airports accounted for more than a half of all the air passenger traffic, and over two thirds of all freight handled at UK airports in 1999. *(Table 10.12)*

Over half of all international non-scheduled flights were from Gatwick and Manchester airports in 1999. *(Table 10.12)*

**Sea ports** Dover handled almost three-fifths of all the UK's international sea passengers in 1998. *(Table 10.13)*

Almost half of all the freight handled by UK ports is handled by East coast ports. *(Table 10.13)*

## 10.1 Motor cars currently licensed and new registrations<sup>1</sup>

Thousands and percentages

	Currently licensed <sup>2</sup>				Percentage company cars 1998	New registrations			Percentage company cars 1998 <sup>3,4</sup>
	1995	1996	1997	1998		1996	1997	1998	
United Kingdom	21,917	22,784	23,408	23,878	10	2,077	2,251	2,366	52
North East	753	783	800	824	5	74	76	78	36
North West	2,396	2,501	2,589	2,647	13	235	255	265	49
Yorkshire and the Humber	1,653	1,707	1,764	1,808	9	138	151	157	44
East Midlands	1,550	1,609	1,655	1,698	9	140	152	173	61
West Midlands	2,102	2,183	2,283	2,290	17	275	292	288	60
East	2,213	2,295	2,311	2,429	9	200	223	232	48
London	2,294	2,362	2,359	2,369	11	277	278	270	61
South East	3,329	3,469	3,652	3,709	10	292	315	361	55
South West	1,995	2,109	2,159	2,230	10	130	132	138	45
England	18,285	19,018	19,574	20,006	11	1,762	1,873	1,961	53
Wales	1,021	1,067	1,100	1,129	7	73	76	83	38
Scotland	1,598	1,674	1,727	1,775	9	154	173	175	43
Northern Ireland	523	546	576	585	9	55	61	71	..

1 Figures for United Kingdom include motor vehicles where the country of the registered keeper is unknown.

2 At 31 December.

3 Figure for the United Kingdom relates to Great Britain.

4 Within the Private and light goods tax class only.

Source: Annual Vehicle Census/Vehicle Information Database, Department of the Environment, Transport and the Regions; Department of the Environment, Northern Ireland

## 10.2 Households with regular use of a car<sup>1</sup>, 1998

Percentages

	Percentage of households with			
	No car	One car	Two cars	Three or more cars
United Kingdom	28	45	23	5
North East	35	46	17	2
North West	32	44	21	4
Yorkshire and the Humber	31	45	20	4
East Midlands	24	48	23	4
West Midlands	28	41	24	6
East	21	46	26	7
London	36	46	16	3
South East	19	44	28	8
South West	21	43	29	6
England	27	45	23	5
Wales	30	43	23	4
Scotland	38	41	17	4
Northern Ireland	30	48	19	3

1 Includes cars and light vans normally available to the household.

Source: General Household Survey and Family Expenditure Survey, Office for National Statistics; National Travel Survey, Department of the Environment, Transport and the Regions; Continuous Household Survey, Northern Ireland Statistics and Research Agency

## 10.3 Age of household cars, 1996-1998

Percentages

	Age of car <sup>1</sup>		
	Under 3 years old	3-6 years old	7 years or more
Great Britain	26	30	44
North East	24	34	42
North West	31	30	39
Yorkshire and the Humber	27	29	44
East Midlands	25	30	45
West Midlands	26	31	43
East	25	29	45
London	23	28	49
South East	26	30	44
South West	19	27	54
England	25	30	45
Wales	25	31	44
Scotland	33	30	37

1 Age of main or only car or light van normally available to the household. See Notes and Definitions.

Source: National Travel Survey, Department of the Environment, Transport and the Regions

## 10.4 Journeys per person per year<sup>1</sup>: by journey purpose and gender, 1996-1998

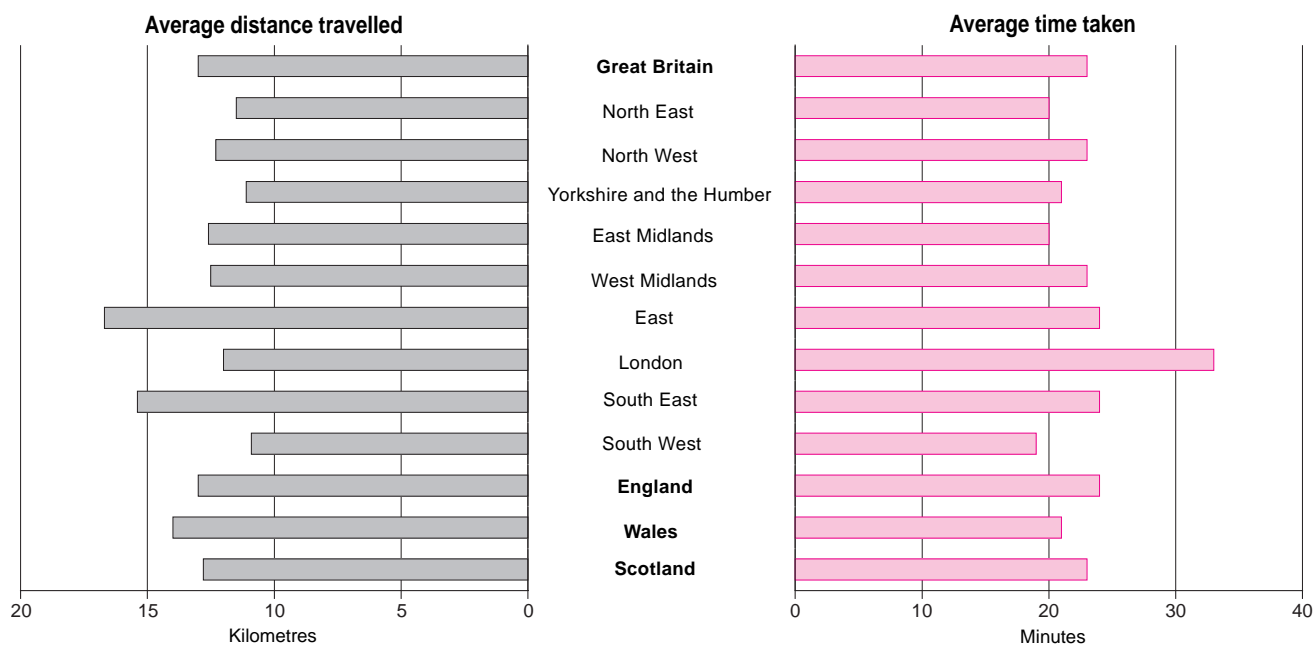
Percentages and numbers

	Commuting	Business	Education	Shopping	Other personal business	Leisure	Average number of journeys (=100%)
<b>Males</b>							
Great Britain	18	5	7	19	20	31	1,070
North East	17	4	9	21	18	33	1,162
North West	17	5	7	20	21	31	1,057
Yorkshire and the Humber	19	4	6	20	18	32	1,030
East Midlands	20	5	7	17	21	30	1,087
West Midlands	20	4	7	19	21	29	1,032
East	20	6	5	18	19	32	1,140
London	18	6	8	19	21	28	1,020
South East	19	7	5	17	22	31	1,118
South West	19	5	5	19	18	34	1,120
England	19	5	7	19	20	31	1,079
Wales	16	6	7	19	19	34	978
Scotland	18	6	6	19	20	32	1,036
<b>Females</b>							
Great Britain	13	2	6	23	25	30	1,034
North East	12	1	7	25	22	33	1,093
North West	13	1	7	24	25	30	999
Yorkshire and the Humber	13	1	6	25	23	31	1,001
East Midlands	14	2	6	23	26	29	1,073
West Midlands	13	2	8	24	24	29	1,024
East	14	1	6	22	24	33	1,076
London	13	2	7	23	28	27	946
South East	14	2	6	22	27	30	1,110
South West	13	2	5	23	24	32	1,079
England	13	2	6	23	25	30	1,040
Wales	12	2	6	24	24	32	961
Scotland	13	2	7	24	23	31	1,022
<b>All persons</b>							
Great Britain	16	3	7	21	22	31	1,051
North East	14	2	8	23	20	33	1,125
North West	15	3	7	22	23	30	1,026
Yorkshire and the Humber	16	2	6	23	21	32	1,015
East Midlands	17	3	6	20	23	30	1,080
West Midlands	16	3	8	21	22	29	1,028
East	17	4	6	20	21	32	1,107
London	15	4	8	21	24	27	981
South East	16	4	5	19	24	30	1,114
South West	16	4	5	21	21	33	1,099
England	16	3	7	21	23	30	1,059
Wales	14	4	6	21	22	33	970
Scotland	16	4	6	21	21	32	1,029

<sup>1</sup> Within Great Britain only. Figures relate to region of residence of the traveller and include journeys undertaken outside of their region. They include journeys of less than one mile; these were excluded from the table in *Regional Trends* 32 and earlier editions. See Notes and Definitions.

Source: National Travel Survey, Department of the Environment, Transport and the Regions

## 10.5 Travel to work<sup>1</sup>: distance travelled and average time taken, 1996-1998



<sup>1</sup> By region of residence. See Notes and Definitions.

Source: National Travel Survey, Department of the Environment, Transport and the Regions

## 10.6 Distance travelled per person per year<sup>1</sup>: by mode of transport, 1996-1998

	Miles				
	Walk	Pedal cycle	Cars and other private road vehicles	Public transport	All modes of transport
Great Britain	193	38	5,704	793	6,728
North East	235	22	4,710	759	5,726
North West	183	27	5,166	603	5,979
Yorkshire and the Humber	195	32	5,304	747	6,278
East Midlands	192	57	6,245	660	7,154
West Midlands	169	25	5,593	636	6,424
East	179	62	6,920	855	8,016
London	219	38	3,633	1,318	5,207
South East	187	50	7,219	760	8,216
South West	205	51	6,419	500	7,175
England	194	41	5,707	775	6,716
Wales	165	22	6,244	509	6,940
Scotland	200	26	5,342	1,151	6,720

<sup>1</sup> Within Great Britain only. Figures relate to region of residence of the traveller and include journeys undertaken outside of this region. They include journeys of less than one mile; these were excluded from the table in *Regional Trends 32* and earlier editions. See Notes and Definitions.

Source: National Travel Survey, Department of the Environment, Transport and the Regions

## 10.7 Average daily motor vehicle flows<sup>1</sup>: by road class, 1998

Thousand vehicles per day

	Major roads			Minor roads		All roads
	Motorway	Non built-up	Built-up	Non built-up	Built-up	
Great Britain	67.3	10.7	15.1	0.8	2.1	3.4
North East	44.9	14.3	13.5	0.6	2.2	3.1
North West	66.4	11.8	15.8	0.9	1.9	4.1
Yorkshire and the Humber	58.9	12.2	15.7	0.9	2.0	3.5
East Midlands	76.6	12.0	13.9	0.8	1.7	3.3
West Midlands	80.1	11.1	16.7	0.8	2.5	3.9
East	80.8	17.2	13.8	1.0	2.2	3.8
London	93.8	53.4	23.4	-	2.3	6.0
South East	79.3	17.4	15.5	1.4	2.4	5.0
South West	59.9	10.2	13.5	0.6	1.8	2.5
England	71.9	13.7	16.2	0.9	2.1	3.8
Wales	50.3	7.8	9.8	0.5	1.7	2.0
Scotland	35.9	4.2	10.8	0.6	2.0	2.1

<sup>1</sup> Average daily flow is annual traffic divided by road length divided by 365. See Notes and Definitions.

Source: National Road Traffic Survey, Department of the Environment, Transport and the Regions

## 10.8 Road traffic and distribution of accidents on major roads, 1998

	Motor vehicle traffic on major roads (percentages) <sup>1</sup>			All major roads (=100% (billion vehicle kilometres) <sup>1</sup>	All roads (billion vehicle kilometres) <sup>1</sup>	Distribution of accidents (percentages)			Total accidents	
	Motorway	Built-up 'A'	Non built-up 'A'			Motorway	Built-up 'A'	Non built-up 'A'	On major roads (=100%) (numbers)	On all roads (numbers) <sup>2</sup>
	United Kingdom	27.7	27.0	45.3	292.8	459.4	7.4	63.0	29.6	122,091
North East	9.4	23.6	67.0	10.6	18.8	2.9	54.5	42.5	3,701	8,700
North West	41.1	30.7	28.2	34.8	51.9	11.9	69.5	18.7	16,140	31,937
Yorkshire and the Humber	29.6	31.3	39.1	24.3	38.7	7.0	65.0	28.0	9,667	21,591
East Midlands	22.6	20.9	56.4	23.4	34.7	6.4	50.1	43.4	8,394	16,987
West Midlands	38.8	26.7	34.5	28.1	44.2	9.8	62.6	27.7	9,884	20,879
East	22.9	17.3	59.8	32.3	51.4	10.3	44.9	44.8	10,464	22,288
London	11.3	69.1	19.6	19.4	29.0	1.8	95.2	3.0	23,609	38,258
South East	36.2	20.3	43.6	52.8	79.9	11.9	49.7	38.3	16,252	33,350
South West	24.8	22.3	52.9	27.4	44.0	6.8	46.4	46.7	8,247	18,395
England	29.3	27.2	43.5	253.2	392.9	7.7	64.9	27.4	106,358	212,385
Wales	15.7	24.8	59.5	15.3	25.3	5.6	45.8	48.7	4,482	10,026
Scotland	18.6	26.0	55.4	24.2	41.2	5.1	48.4	46.4	7,828	16,512
Northern Ireland	..	..	..	..	..	5.1	59.4	35.5	3,423	7,487

<sup>1</sup> Figures for United Kingdom relate to Great Britain.

<sup>2</sup> Includes B,C and unclassified roads. See Notes and Definitions.

Source: Department of the Environment, Transport and the Regions; Royal Ulster Constabulary

## 10.9 Fatal and serious road accidents<sup>1</sup>

Numbers and rates

	Fatal and serious accidents on all roads						Fatal and serious accidents on major roads <sup>2</sup>			
	Numbers			Rates per 100,000 population			Numbers		Rates per 100 million vehicle kms	
	1981-1985 average <sup>3</sup>	1991	1998	1981-1985 average <sup>3</sup>	1991	1998	1991	1998	1991	1998
Great Britain	67,843	47,931	37,770	124	85	66	24,344	19,349	9.4	6.6
North East	2,255	1,769	1,117	86	68	43	734	475	5.9	4.3
North West	6,178	4,914	3,965	90	71	58	2,506	2,046	9.6	6.1
Yorkshire and the Humber	5,713	4,352	3,287	117	87	65	2,084	1,513	10.1	6.3
East Midlands	5,333	3,451	3,194	138	86	77	1,796	1,599	9.3	6.8
West Midlands	6,526	4,447	3,653	126	84	69	2,055	1,726	8.5	6.4
East	6,885	4,802	3,971	140	93	74	2,264	1,850	6.5	5.5
London	7,588	7,279	6,286	112	105	87	4,399	3,871	23.7	19.8
South East	10,169	5,843	4,809	139	76	60	2,882	2,447	6.9	4.6
South West	6,697	3,793	2,471	158	80	50	1,833	1,214	7.1	4.4
England	57,348	40,650	32,753	123	84	66	20,553	16,741	9.2	6.6
Wales	3,083	2,112	1,365	107	73	47	1,139	741	8.9	4.8
Scotland	7,412	5,169	3,652	144	101	71	2,652	1,867	12.1	7.3
Northern Ireland	..	1,381	1,246	..	85	74	643	529	9.5	..

1 See Notes and Definitions.

2 Motorways, A(M) roads and A roads.

3 Used as a basis for the government targets for reducing road casualties in Great Britain, and fatal and serious road casualties in Northern Ireland, by a third by the year 2000.

Source: Department of the Environment, Transport and the Regions; Royal Ulster Constabulary

## 10.10 Road casualties<sup>1</sup>: by age and type of road user, 1998

Percentages and numbers

	Percentage of all road casualties								All road casualties (=100%) (numbers)	Percentage change over 1981-85 average <sup>4</sup>
	Who were aged <sup>2</sup>			Type of road user						
	0-15	16-59	60 or over	Pedestrians	Pedal cyclists	Motor cyclists	Car occupants <sup>3</sup>	Other road users		
United Kingdom	13.4	75.2	9.7	13.6	6.9	7.4	65.3	6.9	338,614	2.6
North East	16.7	74.4	8.9	15.8	5.7	3.4	66.8	8.2	12,310	10.8
North West	15.3	75.4	9.2	13.9	6.0	4.3	68.5	7.2	45,815	26.3
Yorkshire and the Humber	14.8	74.7	10.0	13.7	6.3	5.6	66.5	7.9	30,639	18.2
East Midlands	13.4	74.7	9.3	11.9	6.8	6.9	67.4	7.0	24,087	4.4
West Midlands	14.5	74.6	9.7	14.2	6.4	5.9	67.0	6.5	28,766	3.9
East	11.4	76.1	9.7	9.1	8.1	7.8	68.7	6.3	30,821	1.8
London	11.0	75.7	8.3	19.8	9.5	15.0	48.1	7.7	45,679	-15.7
South East	11.4	75.3	10.1	10.4	8.0	8.7	67.5	5.4	45,135	-0.8
South West	12.1	75.8	11.7	11.3	7.4	8.7	67.0	5.5	24,964	-5.3
England	13.1	75.3	9.6	13.5	7.3	7.9	64.5	6.8	288,216	2.8
Wales	15.0	74.0	10.9	13.4	4.4	5.1	70.9	6.2	14,540	1.0
Scotland	15.7	73.1	11.1	18.2	5.1	4.3	63.9	8.5	22,456	-17.2
Northern Ireland	14.2	78.3	7.6	9.1	2.4	2.5	78.5	7.4	13,402	63.4

1 See Notes and Definitions.

2 Excludes age not reported.

3 Includes occupants of taxis and minibuses.

4 Used as a basis for the government targets for reducing road casualties in Great Britain, and fatal and serious road casualties in Northern Ireland, by a third by the year 2000.

Source: Department of the Environment, Transport and the Regions; Royal Ulster Constabulary

## 10.11 Breath tests and breath test failures: by motor vehicle driver age, 1998

Numbers and percentages

	Number of motor vehicle drivers tested who were aged						Motor vehicle drivers that failed <sup>1</sup> as a percentage of those tested who were aged					
	17-24	25-34	35-44	45-54	55-69	70 and over	17-24	25-34	35-44	45-54	55-69	70 and over
	Great Britain	45,272	60,933	43,595	30,453	20,579	6,678	5.1	3.9	3.3	2.4	1.9
North East	1,757	2,399	1,686	1,233	726	210	6.3	3.1	2.7	1.8	1.5	1.4
North West	5,694	7,693	5,456	3,840	2,409	811	4.8	3.4	3.4	1.9	2.0	1.2
Yorkshire and the Humber	4,342	5,717	4,190	2,971	1,881	622	5.2	4.1	3.3	2.7	1.8	1.9
East Midlands	3,675	4,644	3,304	2,409	1,653	549	5.0	4.0	2.8	1.9	1.5	0.4
West Midlands	4,562	6,151	4,191	3,121	2,103	624	5.0	4.3	3.7	2.3	2.3	1.4
East	4,228	4,831	3,440	2,563	1,847	697	5.7	4.6	3.8	3.0	1.7	1.1
London	5,494	10,469	6,970	3,982	2,565	526	2.9	2.6	2.5	2.0	2.1	1.5
South East	5,777	6,743	5,033	3,602	2,504	976	6.6	5.3	4.6	3.3	2.7	1.6
South West	3,553	4,206	3,099	2,451	1,802	743	5.7	4.9	3.1	2.6	1.6	1.3
England	39,082	52,853	37,369	26,172	17,490	5,758	5.1	3.9	3.3	2.4	2.0	1.4
Wales	2,465	2,868	2,203	1,608	1,200	425	5.0	4.4	2.9	2.3	1.8	0.9
Scotland	3,725	5,212	4,023	2,673	1,889	495	4.5	3.0	3.2	1.9	1.3	0.6

<sup>1</sup> Failed or refused to provide a specimen of breath.

Source: Department for the Environment, Transport and the Regions

## 10.12 Activity at major airports<sup>1</sup>, 1999

	Air passengers (thousands) <sup>2</sup>					Freight handled <sup>3</sup> (thousands tonnes)
	International		Freight			
	Domestic <sup>3</sup>	Scheduled	Non-scheduled	Total		
All UK Airports <sup>4</sup>	35,041	96,708	36,728	168,478	2,201	
Newcastle	886	562	1,486	2,934	1	
Manchester	2,683	5,390	9,345	17,419	108	
Leeds/Bradford	413	496	543	1,451	-	
East Midlands	362	446	1,409	2,217	129	
Birmingham	1,160	3,035	2,741	6,936	29	
Luton	1,313	2,569	1,370	5,251	27	
Stansted	1,456	6,630	1,325	9,411	175	
Heathrow	7,141	54,727	111	61,979	1,265	
Gatwick	2,775	16,698	10,937	30,410	294	
Bristol	383	484	1,099	1,966	-	
Cardiff	99	225	979	1,303	-	
Aberdeen	1,641	346	469	2,456	5	
Edinburgh	3,762	978	351	5,090	18	
Glasgow	3,507	1,015	2,238	6,759	9	
Belfast City	1,272	9	1	1,282	1	
Belfast International	2,061	183	768	3,012	26	
Other UK airports	4,127	2,916	1,557	8,601	113	

<sup>1</sup> Airports handling one million passengers or more in 1999. Passengers are recorded at both airport of departure and arrival. Includes British Government/armed forces on official business and travel to/from oil rigs.

<sup>2</sup> Arrivals and departures.

<sup>3</sup> Domestic traffic is counted at airports on arrival and departure.

<sup>4</sup> Including airports handling fewer than one million passengers.

Source: Civil Aviation Authority

## 10.13 Activity at major seaports<sup>1</sup>, 1998

Millions and million tonnes

	International sea passenger movements (millions)	Freight handled (million tonnes)
All UK ports	33.3	568.5
All East coast ports	3.0	278.1
Sullom Voe	0.0	31.1
Forth	0.0	44.4
Tees and Hartlepool	-	51.5
Hull	1.0	10.2
Grimsby and Immingham	-	48.4
Harwich	1.4	3.3
All Thames and Kent ports	20.4	93.9
London	-	57.3
Ramsgate	0.2	1.9
Dover	19.3	17.7
All South coast ports	5.3	49.2
Portsmouth	3.5	4.5
Southampton	-	34.3
All West coast ports	4.6	127.2
Milford Haven	0.5	28.8
Holyhead	2.8	3.4
Liverpool	0.3	30.4
All Northern Ireland ports	0.0	20.1

<sup>1</sup> Individual ports handling one million passengers or more in 1998 and/or 25 million tonnes of freight. See Notes and Definitions.

Source: Department of the Environment, Transport and the Regions