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An Phríomh-Oifig Staidrimh

# Road Freight Transport Survey

## 2007

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## Note

Rounding: Due to the fact that individual figures have been rounded independently there may be slight discrepancies between the sum of the constituent items and the totals shown.

# **Chapter 1**

## **Introduction**



## Introduction

This report contains the results of the “National Survey of Transport of Goods by Road” carried out for the year 2007. The survey was conducted as part of an EU-wide project in accordance with Council Regulation (EC) 1172/98 on statistical returns in respect of the carriage of goods by road.

During the year information was collected concerning one week’s transport activity for a random sample of goods vehicles. The sample was spread evenly over each week in the year. The sample data has been grossed to the level of the national fleet to provide estimates for road freight transport activity by all goods vehicles in the survey year.

The CSO wishes to place on record its thanks to and appreciation of the co-operation received from the vehicle owners who responded to the survey. The survey questionnaire and instructions are shown in Appendix D.

The principle measures used in this report to assess transport activity are:

- (a) the weight of goods carried (given in tonnes);  
and
  - (b) the quantity of work done (given in tonne-kilometres).
- (See definitions used, page 41).

## Scope of Survey

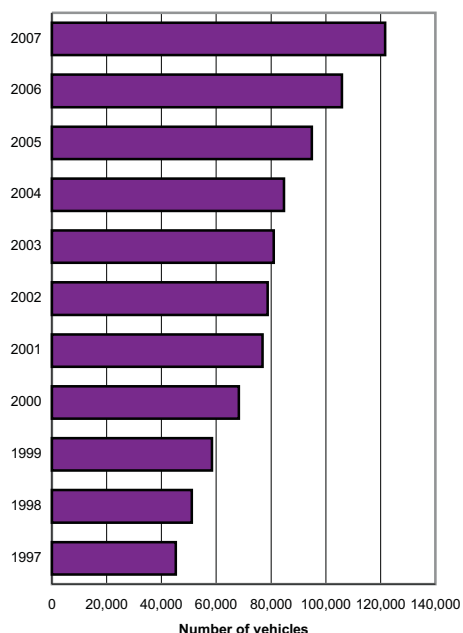
The report covers the survey period beginning on 1 January 2007 and ending on 31 December 2007. Irish registered vehicles belonging to the motor taxation class *goods vehicles with an unladen weight of 2 tonnes and over* came within the scope of the survey.

No other vehicles were covered. In particular this meant that vehicles in other motor taxation classes such as agricultural tractors, general haulage tractors, dumpers and exempt vehicles (i.e. vehicles exempt from liability to pay road tax which include state owned, diplomatic, fire services or disabled drivers) were not included.

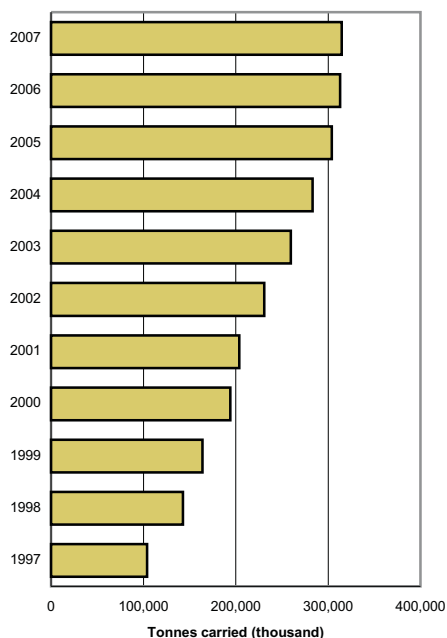
All activity of goods vehicles within the scope of the survey engaged in the carriage of goods, either on own account or for hire or reward, on the public road was covered. Excluded, therefore, was activity such as site work off the public road or work of a mainly service nature (e.g. carriage of personnel to or from places of work).

## Goods Vehicle Activity 2007

**Chart 1: Number of goods vehicles with unladen weight of 2 tonnes and over by year**



**Chart 2: Weight of goods carried by year**



In 2007, Irish registered goods vehicles transported a total of almost 315 million tonnes of goods by road. This represents an increase of 1% on the previous year and an increase of 203% over the last ten years. Activity in terms of tonne-kilometres increased by 8.2% from 17,687 million in 2006 to 19,146 million in 2007. There was an increase of 174% in the figure for tonne kilometres over the ten-year period from 1997 to 2007. A total of 2,662 million vehicle kilometres were travelled in 2007, an increase of 5.5% on the 2006 figure of 2,523 million and an increase of 120% on the 1997 figure.

The average number of goods vehicles with an unladen weight of 2 tonnes and over, under current license during 2007 was 121,697, representing an increase of almost 15% on the 2006 figure. The fleet size increased by 169% since 1997. These goods vehicles completed 26.4 million loaded journeys in 2007, 3% more than in 2006 and 135% more than in 1997.

Table A.1 below shows a record of the main figures for the years 1997 to 2007. (See Charts 1 and 2).

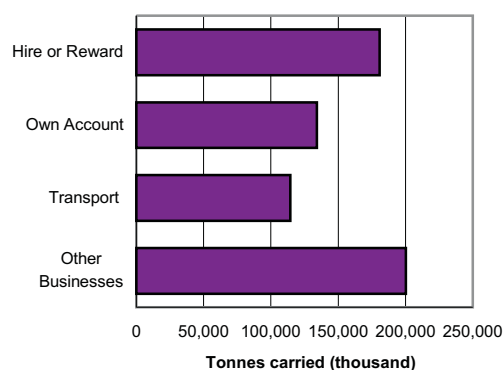
**Table A.1**

Year	Tonne-Kilometres <i>million</i>	Tonnes Carried <i>thousand</i>	Vehicle Kilometres <i>million</i>	Average Number of Vehicles	Laden Journeys <i>thousand</i>
1997	6,998	103,836	1,208	45,256	11,234
1998	8,203	142,911	1,344	51,037	13,609
1999	10,275	163,972	1,452	58,388	14,311
2000	12,348	194,135	1,657	68,278	16,107
2001	12,405	203,849	1,668	76,875	16,454
2002	14,448	230,591	1,973	78,753	18,586
2003	15,898	259,465	2,124	81,024	21,019
2004	17,288	283,334	2,342	84,747	22,395
2005	18,152	303,866	2,566	94,845	24,457
2006	17,687	312,913	2,523	105,885	25,646
2007	19,146	314,826	2,662	121,697	26,387

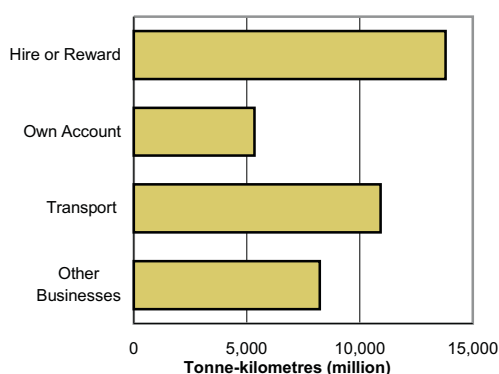


## Main use of Vehicle

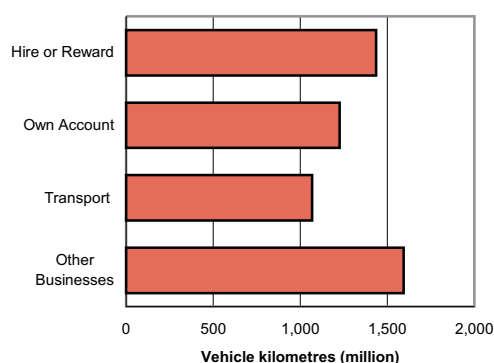
**Chart 3: Weight of goods carried**



**Chart 4: Activity in tonne-kilometres**



**Chart 5: Vehicle kilometres travelled**



Vehicles used mainly for hire or reward transport of goods were responsible for 57% of the total weight of goods carried in 2007. These vehicles also performed 72% of the total activity in terms of tonne-kilometres and travelled 54% of total vehicle kilometres. Given that these vehicles accounted for only 22% of the fleet size, it is clear that they were used more intensively than those vehicles used mainly for own account transport. Of vehicles that were mainly used for hire or reward transport, on average 16% were idle during any one survey week as compared to 24% of vehicles used mainly for own account transport. Vehicles used mainly for hire or reward transport accounted for 29% of all relevant vehicles. (See Tables B.1 and B.2 and Charts 3, 4 and 5).

**Table B.1**

Main use of Vehicle	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres	
	million	%	thousand	%	million	%
Hire or Reward	13,801	72.1	180,764	57.4	1,435	53.9
Own Account	5,345	27.9	134,062	42.6	1,227	46.1
<b>Total</b>	<b>19,146</b>	<b>100.0</b>	<b>314,826</b>	<b>100.0</b>	<b>2,662</b>	<b>100.0</b>

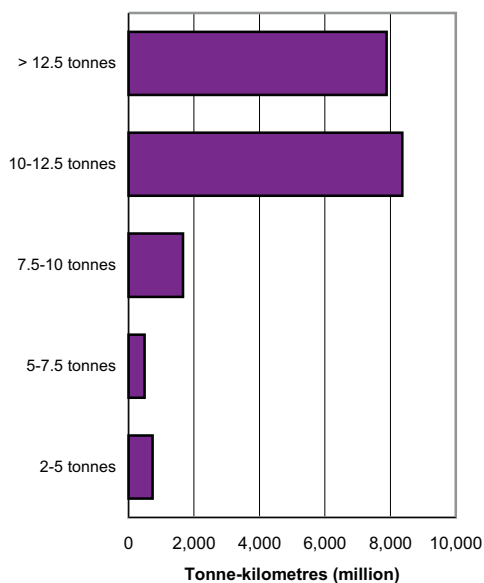
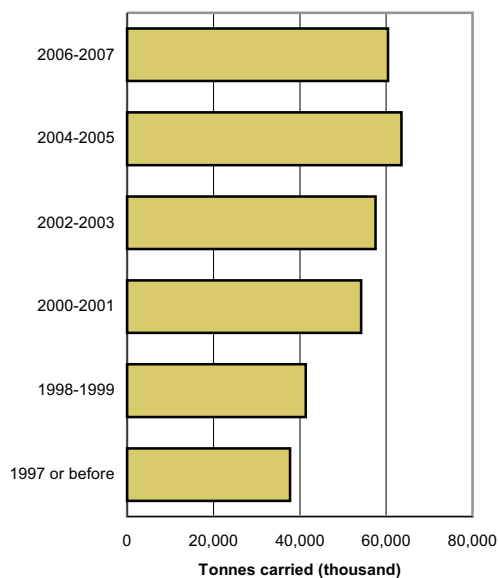
**Table B.2**

Main use of Vehicle	Number of Vehicles		Relevant Vehicles		Idle Vehicles	
		%		%		%
Hire or Reward	27,019	22.2	25,315	29.3	4,440	16.1
Own Account	94,678	77.8	60,985	70.7	23,153	83.9
<b>Total</b>	<b>121,697</b>	<b>100.0</b>	<b>86,300</b>	<b>100.0</b>	<b>27,593</b>	<b>100.0</b>

## Business of Owner

In the "Business of Owner" classification, "Transport" covers both licensed hauliers and other hauliers. All activity of vehicles owned by transport businesses was classified to "Transport" even if the vehicle activity was mainly for the own account transport of the business. Likewise, all activity of vehicles owned by non-transport businesses was classified to the "Other" heading even if the vehicle was used for hire or reward.

In 2007, vehicles owned by transport business performed 57% of the total activity in terms of tonnes-kilometres. These vehicles transported 36% of the total weight of goods carried and travelled 40% of the total vehicle kilometres. Vehicles owned by transport businesses were responsible for 28% of all laden journeys. (See Table C.1 and Charts 3, 4 and 5).

**Chart 6: Activity in tonne-kilometres by unladen weight****Chart 7: Weight of goods carried by year of manufacture of vehicle****Table C.1**

Business of owner	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres		Laden Journeys	
	million	%	thousand	%	million	%	thousand	%
Transport	10,919	57.0	114,499	36.4	1,068	40.1	7,257	27.5
Other	8,227	43.0	200,327	63.6	1,594	59.9	19,130	72.5
<b>Total</b>	<b>19,146</b>	<b>100.0</b>	<b>314,826</b>	<b>100.0</b>	<b>2,662</b>	<b>100.0</b>	<b>26,387</b>	<b>100.0</b>

**Size of Vehicles in Fleet**

It can be seen from the table below that the smallest vehicles, in the “2 to 5 tonnes” unladen weight category, accounted for almost 58% of the vehicle fleet. However such vehicles were responsible for only 4% of the total weight of goods transported and 4% of activity in terms of tonne-kilometres. Their share of total vehicle kilometres was larger at 27%. Vehicles in the unladen weight category “10 to 12.5 tonnes” accounted for 14% of the vehicle fleet and had the largest share of activity in terms of tonne-kilometres accounting for almost 44% of the total. These vehicles were also responsible for 29% of total vehicle kilometres travelled and 39% of total tonnes carried. The largest vehicles, in the category “over 12.5 tonnes” unladen weight, accounted for 12% of the vehicle fleet and transported 45% of the total weight of goods carried. They travelled 27% of total vehicle kilometres and were responsible for 41% of activity in terms of tonne-kilometres. (See Table D.1 and Chart 6).

**Table D.1**

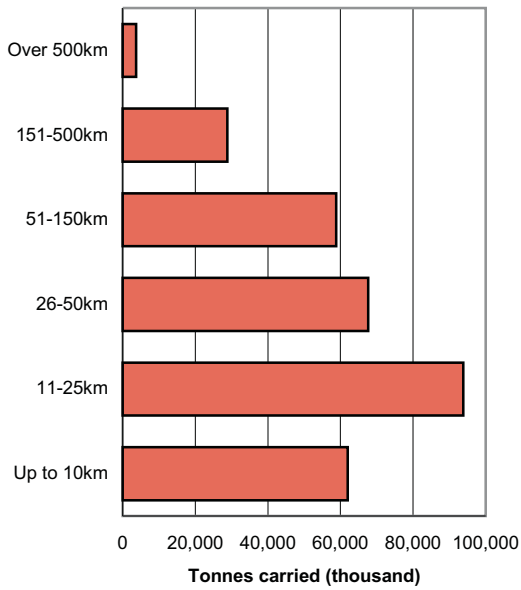
Unladen Weight (tonnes)	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres		No. of Vehicles	
	million	%	thousand	%	million	%		%
2-5	736	3.8	13,337	4.2	706	26.5	70,513	57.9
5-7.5	493	2.6	8,020	2.6	171	6.4	9,165	7.5
7.5-10	1,664	8.7	29,690	9.4	298	11.2	10,705	8.8
10-12.5	8,363	43.7	123,212	39.1	774	29.1	17,039	14.0
Over 12.5	7,890	41.2	140,566	44.7	714	26.8	14,274	11.8
<b>Total</b>	<b>19,146</b>	<b>100.0</b>	<b>314,826</b>	<b>100.0</b>	<b>2,662</b>	<b>100.0</b>	<b>121,697</b>	<b>100.0</b>

**Age of Fleet**

In 2007, vehicles manufactured from 2004 onwards accounted for 35% of the vehicle fleet. These vehicles transported 39% of the total weight of goods carried, travelled 44% of the total vehicle kilometres and were responsible for 46% of total activity in terms of tonne-kilometres. The oldest vehicles, those manufactured in 1997 or before, accounted for 22% of the vehicle fleet but were not used as intensively as the newer vehicles. They were responsible for only 8% of total activity in tonne-kilometres. They transported 12% of the total weight of goods carried and travelled 10% of total vehicle kilometres. (See Table E.1 and Chart 7).

**Table E.1**

Year of Manufacture	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres		No. of Vehicles	
	<i>million</i>	%	<i>thousand</i>	%	<i>million</i>	%		%
2006-2007	4,195	21.9	60,446	19.2	620	23.3	26,352	21.7
2004-2005	4,599	24.0	63,542	20.2	522	20.7	16,223	13.3
2002-2003	3,491	18.2	57,530	18.3	490	18.4	18,888	15.5
2000-2001	3,191	16.7	54,216	17.2	431	16.2	17,828	14.7
1998-1999	2,139	11.2	41,376	13.1	306	11.5	16,090	13.2
1997 or before	1,531	8.0	37,715	12.0	264	9.9	26,316	21.6
<b>Total</b>	<b>19,146</b>	<b>100.0</b>	<b>314,826</b>	<b>100.0</b>	<b>2,662</b>	<b>100.0</b>	<b>121,697</b>	<b>100.0</b>

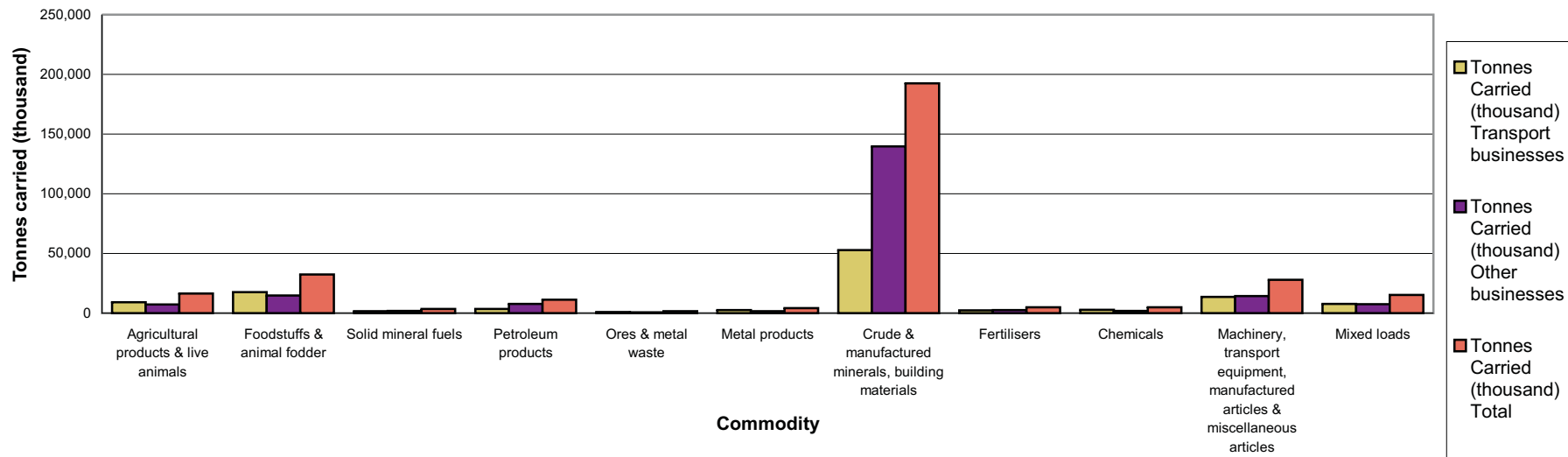
**Chart 8: Weight of goods carried by length of haul****Length of Haul**

Almost half of the total weight of goods carried in 2007 was transported on journeys of 25 km or less. 43% of total vehicle kilometres were travelled on these short journeys but they accounted for only 10% of total tonne-kilometres. Journeys of 151km or over accounted for 52% of activity in terms of tonne-kilometres and almost 32% of vehicle kilometres travelled, but only 10% of the total weight of goods carried. (See Table F.1 and Chart 8).

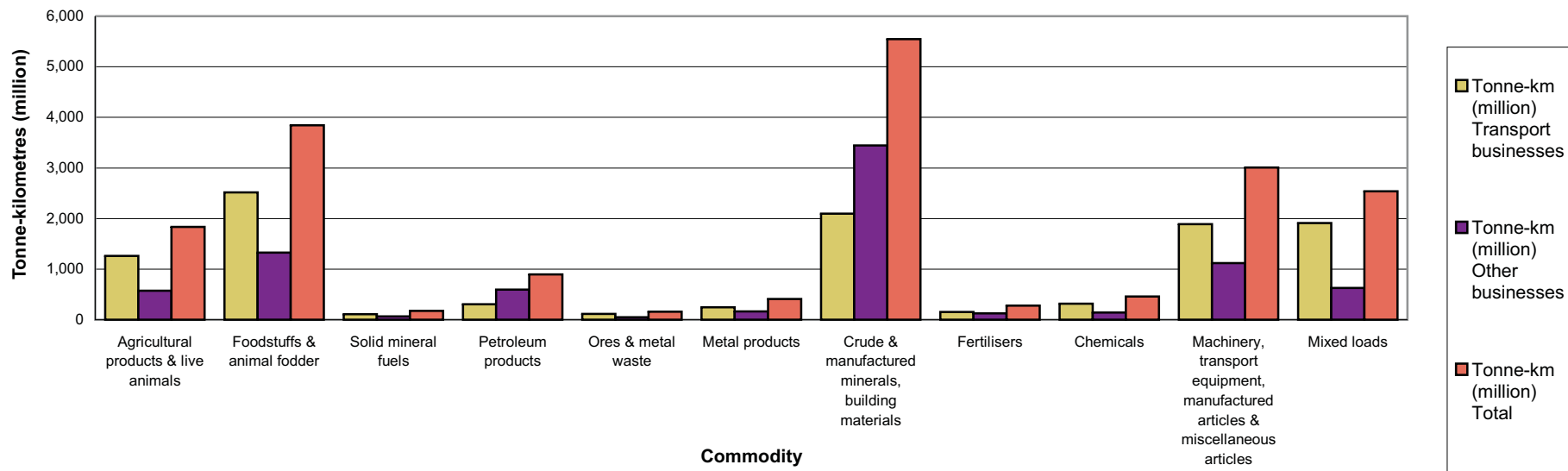
**Table F.1**

Length of Haul	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres	
	<i>million</i>	%	<i>thousand</i>	%	<i>million</i>	%
Up to 10 km	396	2.1	61,982	19.7	1,022	38.4
11 to 25 km	1,583	8.3	93,821	29.8	126	4.7
26 to 50 km	2,416	12.6	67,636	21.5	201	7.6
51 to 150 km	4,842	25.3	58,798	18.7	473	17.8
151 to 500 km	6,232	32.5	28,851	9.1	618	23.2
Over 500 km	3,677	19.2	3,738	1.2	222	8.3
<b>Total</b>	<b>19,146</b>	<b>100.0</b>	<b>314,826</b>	<b>100.0</b>	<b>2,662</b>	<b>100.0</b>

**Chart 9: Tonnes Carried by Commodity**



**Chart 10: Tonne-Kilometres by Commodity**



## Commodity by Business of Owner

The commodity data below is classified according to the chapter headings of the Standard Goods Classification for Transport Statistics of the European Union (NST/R) and the composition of this classification is shown in Appendix C.

**Table G.1**

Commodity	Transport Businesses		Other Businesses		Total	
	Tonne-Kilometres	Tonnes Carried	Tonne-Kilometres	Tonnes Carried	Tonne-Kilometres	Tonnes Carried
	<i>million</i>	<i>thousand</i>	<i>million</i>	<i>thousand</i>	<i>million</i>	<i>thousand</i>
Agricultural Products & Live						
Animals	1,263	9,072	573	7,367	1,836	16,438
Foodstuffs and Animal						
Fodder	2,517	17,492	1,324	14,903	3,841	32,395
Solid Mineral Fuels	108	1,580	68	1,862	177	3,441
Petroleum Products	304	3,416	594	7,860	898	11,275
Ores and Metal Waste	113	937	48	690	161	1,627
Metal Products	243	2,517	166	1,628	408	4,145
Crude and Manufactured						
Minerals, Building Materials	2,098	52,732	3,477	139,765	5,545	192,497
Fertilisers	153	2,349	123	2,513	276	4,863
Chemicals	319	2,853	140	1,977	458	4,829
Machinery, Transport						
Equipment, Manufactured						
Articles & Miscellaneous						
Articles	1,891	13,691	1,118	14,317	3,009	28,008
Mixed Loads	1,910	7,861	627	7,446	2,538	15,307
<b>Total</b>	<b>10,919</b>	<b>114,499</b>	<b>8,227</b>	<b>200,327</b>	<b>19,146</b>	<b>314,826</b>

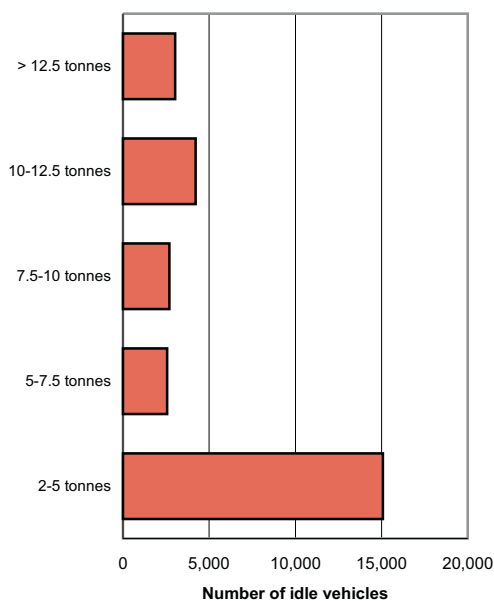
61% of the total weight of goods carried were in the group *Crude and Manufactured Minerals, Building Materials*. This group accounted for 46% of the weight of goods carried by vehicles owned by transport businesses and 70% of the weight of goods carried by vehicles owned by other businesses. It was also the largest group in terms of tonne-kilometres but with a much smaller 29% share of the total. The second largest group in terms of tonne-kilometres was *Foodstuffs and Animal Fodder*, which accounted for 20% of total tonne-kilometres. This group accounted for only 10% of the total weight of goods carried. (See Table G.1 and Charts 9 and 10).

## Vehicle Use

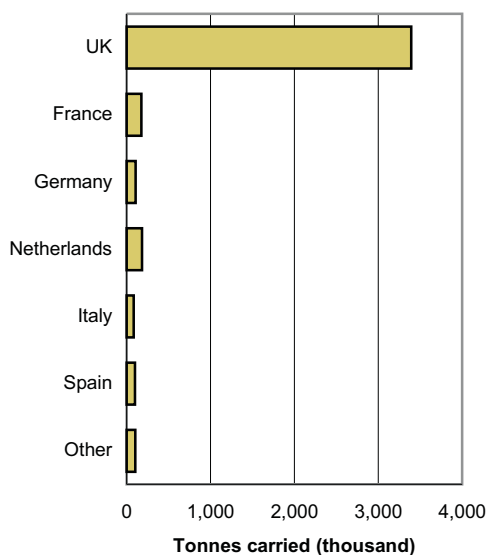
Vehicles were idle for various reasons such as being under repair, no work being available, awaiting resale at vehicle dealers, holidays, etc. Furthermore, some of the old vehicles in the fleet are retained by their owners but used infrequently.

Some vehicles, though taxed as *goods vehicles*, are used as passenger vehicles or for service type work. These vehicles are classified as non-relevant and are not included in the survey's activity estimates. They are, however, included in all fleet analyses.

**Chart 11: Number of idle vehicles by unladen weight**



**Chart 12: Weight of goods transported to Ireland by Irish registered goods vehicles by country of origin**



**Table H.1**

Unladen Weight	Number of Vehicles	Number of Idle Vehicles	Number of Non-Relevant Vehicles
2-5 tonnes	70,513	15,080	29,924
5-7.5 tonnes	9,165	2,567	1,989
7.5-10 tonnes	10,705	2,697	1,354
10-12.5 tonnes	17,039	4,216	1,225
Over 12.5 tonnes	14,274	3,033	894
<b>Total</b>	<b>121,697</b>	<b>27,593</b>	<b>35,397</b>

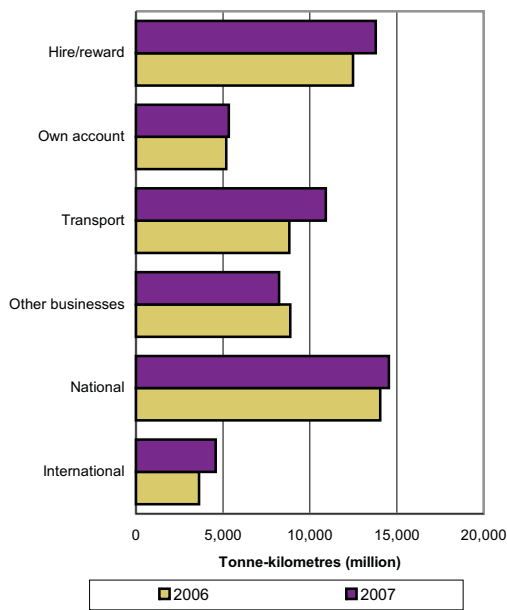
On average, 23% of the vehicle fleet was idle in any one week during the year. This percentage was largest at 28% for vehicles in the unladen weight categories of “5 to 7.5 tonnes” and smallest at 21% for vehicles in the unladen weight category “Over 12.5 tonnes”. Vehicles regarded as non-relevant accounted for 29% of the fleet. The unladen weight category “2 to 5 tonnes” had the highest percentage of non-relevant vehicles at 42% while only 7% of vehicles in the unladen weight category “10 to 12.5 tonnes” and 6% of vehicles in the unladen weight category “Over 12.5 tonnes” were non-relevant. (See Table H.1 and Chart 11).

**International Transport**

Table I.1 below shows the top countries to which goods were brought from Ireland and from which goods were brought to Ireland by Irish registered goods vehicles. As would be expected the largest share of our international transport is with the UK. Irish goods vehicles transported 3,394 thousand tonnes of goods from the UK to Ireland and 3,804 thousand tonnes of goods to the UK from Ireland. Figures for the UK include transport to and from Northern Ireland. Goods received from Northern Ireland accounted for 62.5% (2,120 thousand tonnes) of UK traffic and goods dispatched to Northern Ireland accounted for 73.7% (2,803 thousand tonnes) of UK traffic. (See Table I.1 and Chart 12).

**Table I.1**

Country	Tonnage Received		Tonnage Dispatched	
	<i>thousand</i>	%	<i>thousand</i>	%
United Kingdom	3,394	81.9	3,804	81.0
(of which Northern Ireland)	(2,120)		(2,803)	
France	174	4.2	324	6.9
Germany	106	2.5	147	3.1
Netherlands	185	4.5	124	2.7
Italy	84	2.0	47	1.0
Spain	99	2.4	136	2.9
Other Countries	103	2.5	114	2.4
<b>Total</b>	<b>4,145</b>	<b>100.0</b>	<b>4,696</b>	<b>100.0</b>

**Chart 13: Activity in terms of tonne-kilometres****Chart 14: Weight of goods carried****Comparison with 2006 Results**

Vehicles used mainly for hire or reward transport carried over 180 million tonnes of goods in 2007, an increase of 2.6% on the 2006 figures. Activity in terms of tonne-kilometres for hire or reward transport increased by 10.5% while there was an increase of 5.4% in vehicle kilometres travelled on the 2006 figures. In 2007 vehicles used mainly for hire or reward transport carried 57.4% of the total weight of goods as compared to 56.3% in 2006. The weight of goods carried on own account transport decreased by 2% between 2006 and 2007, tonne-kilometres increased by 2.9% and vehicle kilometres increased by 5.6%.

The weight of goods carried by vehicles owned by transport businesses increased by 20.6% between 2006 and 2007. Activity in terms of tonne-kilometres increased by 23.8% and vehicle kilometres increased by 17.1% on the 2006 figures. Figures for transport of goods by other types of business showed substantial decreases. The weight of goods transported by vehicles owned by other businesses decreased by 8.1%, activity in terms of tonne-kilometres decreased by 7.2% and vehicle kilometres decreased by 1.1%. Vehicles owned by transport businesses carried 36% of the total weight of goods transported in 2007 as compared to their 30% share in 2006.

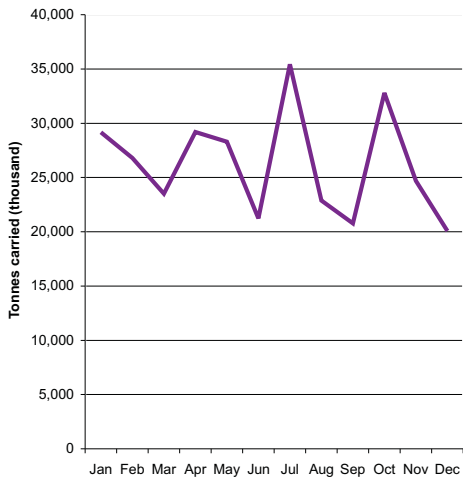
Between 2006 and 2007, the weight of goods carried on national journeys increased by 0.4% while the weight of goods carried on international journeys showed an increase of 5.1%. In 2007, national transport accounted for 96.1% of the total weight of goods carried compared with 96.3% in 2006. National transport activity in terms of tonne-kilometres increased by 3.5% between 2006 and 2007, while international transport activity showed an increase of 26.5%. Vehicle kilometres travelled on national journeys increased by 5.2% and vehicle kilometres travelled on international journeys increased by 7.9%. (See Table J.1 and Charts 13 and 14).

**Table J.1**

	Owner, Use, National/International		Tonne-Kilometres		Tonnes Carried		Vehicle Kilometers		
	2006	2007	2006	2007	2006	2007	2006	2007	
	<i>million</i>		<i>thousand</i>		<i>million</i>		<i>million</i>		
	<i>% Change</i>		<i>% Change</i>		<i>% Change</i>		<i>% Change</i>		
<b>Business of Owner</b>									
Transport	8,817	10,919	23.8	94,936	114,499	20.6	912	1,068	17.1
Other	8,870	8,227	-7.2	217,977	200,327	-8.1	1,611	1,594	-1.1
<b>Main Use of Vehicle</b>									
Hire or Reward	12,493	13,801	10.5	176,167	180,764	2.6	1,361	1,435	5.4
Own Account	5,193	5,345	2.9	136,745	134,062	-2.0	1,162	1,227	5.6
<b>National/International</b>									
National	14,056	14,552	3.5	301,242	302,560	0.4	2,219	2,334	5.2
International	3,631	4,594	26.5	11,670	12,266	5.1	304	328	7.9
<b>Total</b>	<b>17,687</b>	<b>19,146</b>	<b>8.2</b>	<b>312,913</b>	<b>314,826</b>	<b>0.6</b>	<b>2,523</b>	<b>2,662</b>	<b>5.5</b>

### Vehicle use by month

Chart 15: Weight of goods carried by month of year



The highest percentage of tonnes carried in 2007 was in the month of July when 11.2% of the total tonnage for the year was transported. During this month Irish registered goods vehicles were responsible for 10.7% of the total in terms of tonne-kilometres and 10.4% of the total vehicle kilometres travelled. The highest number of laden journeys (2.8 million) was also carried out during July. December had the smallest share of the total tonnes carried for the year at 6.3%. Vehicles in December travelled 7.2% of the total vehicle kilometres for 2007 and were responsible for 7.5% of the total in terms of tonne-kilometres. (See Table K.1 and Chart 15).

Table K.1

Month	Tonne-Kilometres	Tonnes Carried	Vehicle Kilometres	Number of Loaded Journeys
	<i>million</i>	<i>thousand</i>	<i>million</i>	<i>thousand</i>
January	1,678	29,158	258	2,648
February	1,523	26,800	215	2,182
March	1,150	23,501	170	1,877
April	1,837	29,189	260	2,362
May	1,483	28,293	217	2,216
June	1,315	21,238	197	1,875
July	2,059	35,425	276	2,800
August	1,533	22,879	197	1,980
September	1,475	20,780	197	1,932
October	2,031	32,794	278	2,637
November	1,621	24,695	202	2,047
December	1,441	20,074	194	1,831
<b>Total</b>	<b>19,146</b>	<b>314,826</b>	<b>2,662</b>	<b>26,387</b>



## **Chapter 2**

### **Detailed Results**

**Table 1 Transport Activity classified by Business of owner and Main use of vehicle, 2007**

Business of owner of vehicle	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
Transport	0	10,919	10,919	0	114,499	114,499
Manufacturing industry	1,666	0	1,666	48,683	0	48,683
Mining & quarrying (incl. sand & gravel merchants)	544	0	544	22,468	0	22,468
Creameries & agricultural cooperative societies	46	0	46	1,210	0	1,210
Manufacture of food & feeding stuffs	217	0	217	2,007	0	2,007
Manufacture of drink & tobacco	99	0	99	664	0	664
Manufacture of glass, cement & clay products	419	0	419	17,433	0	17,433
Other manufacturing	342	0	342	4,902	0	4,902
Building & Construction	770	0	770	27,551	0	27,551
Distribution	2,007	2,430	4,438	37,581	56,351	93,933
Agriculture & livestock dealing	217	9	226	3,949	95	4,044
Local Authorities	171	0	171	5,811	0	5,811
Other	513	442	955	10,486	9,819	20,305
<b>Total</b>	<b>5,345</b>	<b>13,801</b>	<b>19,146</b>	<b>134,062</b>	<b>180,764</b>	<b>314,826</b>

**Table 2 Transport Activity classified by Vehicle capacity, National/International journeys and Main use of vehicle, 2007**

Type of Journey and Vehicle Capacity	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
<b>National journeys</b>						
<b>Vehicle capacity (kg)</b>						
Up to 5,000	185	66	251	3,877	946	4,823
5,001 - 10,000	335	149	484	7,274	2,498	9,773
10,001 - 15,000	333	150	483	6,659	2,301	8,959
15,001 - 20,000	837	706	1,543	24,013	21,398	45,411
20,001 - 25,000	154	434	588	5,454	7,142	12,596
25,001 - 35,000	1,934	4,121	6,056	64,994	87,746	152,740
Over 35,000	1,299	3,849	5,148	19,080	49,179	68,258
Total	5,076	9,476	14,552	131,350	171,210	302,560
<b>International journeys</b>						
<b>Vehicle capacity (kg)</b>						
Up to 5,000	2	11	13	21	39	61
5,001 - 10,000	7	1	9	56	12	69
10,001 - 15,000	9	2	11	60	12	72
15,001 - 20,000	18	131	150	558	391	949
20,001 - 25,000	5	221	227	101	468	569
25,001 - 35,000	100	1,192	1,292	1,012	3,258	4,270
Over 35,000	126	2,766	2,893	903	5,374	6,277
Total	269	4,325	4,594	2,712	9,555	12,266
<b>Total</b>						
<b>Vehicle capacity (kg)</b>						
Up to 5,000	187	77	264	3,899	985	4,884
5,001 - 10,000	342	151	493	7,331	2,511	9,841
10,001 - 15,000	342	152	494	6,719	2,313	9,031
15,001 - 20,000	855	838	1,693	24,571	21,789	46,359
20,001 - 25,000	159	655	815	5,555	7,610	13,165
25,001 - 35,000	2,035	5,313	7,348	66,005	91,004	157,010
Over 35,000	1,425	6,616	8,041	19,983	54,552	74,535
Total	5,345	13,801	19,146	134,062	180,764	314,826

**Table 3 Transport Activity classified by Business of owner, Unladen weight and Main use of vehicle, 2007**

Business of owner and Unladen weight of vehicle	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
<b>Transport</b>						
<b>Unladen weight (kg)</b>						
2,000 - 5,000	0	122	122	0	1,783	1,783
5,001 - 7,500	0	165	165	0	1,880	1,880
7,501 - 10,000	0	750	750	0	10,220	10,220
10,001 - 12,500	0	5,556	5,556	0	48,348	48,348
Over 12,500	0	4,326	4,326	0	52,267	52,267
<b>Total</b>	<b>0</b>	<b>10,919</b>	<b>10,919</b>	<b>0</b>	<b>114,499</b>	<b>114,499</b>
<b>Other businesses</b>						
<b>Unladen weight (kg)</b>						
2,000 - 5,000	540	74	614	10,403	1,151	11,554
5,001 - 7,500	253	75	328	5,413	727	6,140
7,501 - 10,000	697	217	914	13,765	5,705	19,470
10,001 - 12,500	1,557	1,250	2,807	46,140	28,725	74,865
Over 12,500	2,298	1,266	3,564	58,341	29,958	88,299
<b>Total</b>	<b>5,345</b>	<b>2,882</b>	<b>8,227</b>	<b>134,062</b>	<b>66,266</b>	<b>200,327</b>
<b>Total</b>						
<b>Unladen weight (kg)</b>						
2,000 - 5,000	540	196	736	10,403	2,934	13,337
5,001 - 7,500	253	240	493	5,413	2,607	8,020
7,501 - 10,000	697	967	1,664	13,765	15,925	29,690
10,001 - 12,500	1,557	6,806	8,363	46,140	77,073	123,212
Over 12,500	2,298	5,592	7,890	58,341	82,225	140,566
<b>Total</b>	<b>5,345</b>	<b>13,801</b>	<b>19,146</b>	<b>134,062</b>	<b>180,764</b>	<b>314,826</b>

**Table 4 Transport Activity classified by Region of origin and Main use of vehicle, 2007**

Region of Origin	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
Border	624	1,299	1,923	18,281	19,159	37,440
Midland	402	692	1,094	10,439	12,598	23,036
West	580	803	1,383	17,359	12,805	30,164
Dublin	926	2,444	3,370	19,141	36,616	55,757
Mid-East	597	1,168	1,766	15,649	21,818	37,467
Mid-West	557	1,168	1,724	15,406	19,511	34,917
South-East	769	1,741	2,510	19,308	24,218	43,526
South-West	773	1,960	2,733	16,774	28,173	44,947
Other	116	2,527	2,643	1,704	5,866	7,570
<b>Total</b>	<b>5,345</b>	<b>13,801</b>	<b>19,146</b>	<b>134,062</b>	<b>180,764</b>	<b>314,826</b>

**Table 5 Transport Activity classified by Business of owner, Length of haul and Main use of vehicle, 2007**

Business of owner of vehicle and Length of haul	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
<b>Transport</b>						
<b>Length of haul (km)</b>						
Up to 10	0	91	91	0	14,597	14,597
11-25	0	487	487	0	28,347	28,347
26-50	0	861	861	0	23,470	23,470
51-150	0	2,445	2,445	0	28,011	28,011
151-500	0	3,858	3,858	0	16,975	16,975
Over 500	0	3,178	3,178	0	3,097	3,097
Total	0	10,919	10,919	0	114,499	114,499
<b>Other businesses</b>						
<b>Length of haul (km)</b>						
Up to 10	205	101	306	32,715	14,670	47,385
11-25	716	381	1,097	42,510	22,964	65,474
26-50	1,047	509	1,555	29,985	14,180	44,165
51-150	1,583	814	2,397	20,641	10,145	30,787
151-500	1,488	885	2,373	7,760	4,116	11,876
Over 500	305	194	499	450	191	641
Total	5,345	2,882	8,227	134,062	66,266	200,327
<b>Total</b>						
<b>Length of haul (km)</b>						
Up to 10	205	192	396	32,715	29,267	61,982
11-25	716	867	1,583	42,510	51,311	93,821
26-50	1,047	1,369	2,416	29,985	37,651	67,636
51-150	1,583	3,258	4,842	20,641	38,156	58,798
151-500	1,488	4,743	6,232	7,760	21,091	28,851
Over 500	305	3,372	3,677	450	3,288	3,738
Total	5,345	13,801	19,146	134,062	180,764	314,826

**Table 6 Transport Activity classified by Main type of work and Main use of vehicle, 2007**

Main type of work done by vehicle	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
Import/export work <sup>1</sup>	64	4,735	4,799	326	18,074	18,400
Carriage of livestock	60	135	195	1,266	1,170	2,436
Carriage of other farm produce from farms	67	237	304	1,571	4,244	5,815
Carriage of fertilisers, feedingstuffs etc. to farms	176	376	553	2,913	5,741	8,654
Delivery of goods to road works or building sites	1,901	2,424	4,325	74,408	85,437	159,845
Delivery of goods to retail outlets	909	1,645	2,553	10,280	14,749	25,029
Delivery of goods to wholesalers	277	973	1,250	2,884	9,780	12,665
Delivery of materials and fuels to factories	303	1,315	1,619	3,792	15,439	19,232
Delivery of goods to households	282	55	337	6,336	1,232	7,568
Other work	1,306	1,906	3,211	30,286	24,898	55,184
<b>Total</b>	<b>5,345</b>	<b>13,801</b>	<b>19,146</b>	<b>134,062</b>	<b>180,764</b>	<b>314,826</b>

<sup>1</sup>Includes work done to and from ports as well as roll-on/roll-off and cross-border work

**Table 7 Transport Activity classified by National/International journeys and Main use of vehicle, 2007**

Type of Journey	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
National Journeys	5,076	9,476	14,552	131,350	171,210	302,560
International Journeys						
Goods loaded in Ireland	152	1,798	1,950	1,008	3,689	4,697
Goods unloaded in Ireland	84	1,698	1,782	725	3,420	4,145
Cross trade	2	441	443	3	414	417
Cabotage	31	387	418	976	2,032	3,008
Total International	269	4,325	4,594	2,712	9,555	12,266
<b>Total</b>	<b>5,345</b>	<b>13,801</b>	<b>19,146</b>	<b>134,062</b>	<b>180,764</b>	<b>314,826</b>

**Table 8 Transport Activity classified by National/International journeys, Quarter and Main use of vehicle, 2007**

National/International and Quarter	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
<b>National journeys</b>						
January - March	1,191	2,337	3,528	33,908	42,610	76,518
April - June	1,283	2,380	3,663	32,331	43,480	75,811
July - September	1,214	2,458	3,673	31,833	44,263	76,096
October - December	1,387	2,302	3,689	33,278	40,856	74,134
<b>Total</b>	<b>5,076</b>	<b>9,476</b>	<b>14,552</b>	<b>131,350</b>	<b>171,210</b>	<b>302,560</b>
<b>International journeys</b>						
January - March	50	774	824	964	1,977	2,941
April - June	80	892	972	634	2,275	2,909
July - September	67	1,327	1,394	598	2,390	2,987
October - December	72	1,332	1,404	516	2,914	3,429
<b>Total</b>	<b>269</b>	<b>4,325</b>	<b>4,594</b>	<b>2,712</b>	<b>9,555</b>	<b>12,266</b>
<b>Total</b>						
January - March	1,241	3,111	4,352	34,873	44,586	79,459
April - June	1,364	3,271	4,635	32,965	45,755	78,720
July - September	1,281	3,786	5,067	32,431	46,653	79,083
October - December	1,459	3,634	5,093	33,793	43,770	77,563
<b>Total</b>	<b>5,345</b>	<b>13,801</b>	<b>19,146</b>	<b>134,062</b>	<b>180,764</b>	<b>314,826</b>

**Table 9 Transport Activity classified by Group of goods and National/International journeys, 2007**

Group of goods (NST/R Chapter)	Tonne-km (million)			Tonnes carried (thousand)		
	National journeys	International journeys	Total	National journeys	International journeys	Total
Agricultural products & live animals	1,185	651	1,836	14,579	1,860	16,438
Foodstuffs & animal fodder	2,435	1,406	3,841	29,458	2,937	32,395
Solid mineral fuels	148	29	177	3,271	170	3,441
Petroleum products	872	26	898	11,011	264	11,275
Ores & metal waste	144	17	161	1,533	94	1,627
Metal products	343	66	408	3,791	354	4,145
Crude & manufactured minerals, building materials	5,338	207	5,545	190,097	2,400	192,497
Fertilisers	250	26	276	4,720	143	4,863
Chemicals	328	131	458	4,557	272	4,829
Machinery, transport equipment, manufactured articles & miscellaneous articles	2,150	859	3,009	26,130	1,877	28,008
Mixed loads	1,361	1,176	2,538	13,414	1,893	15,307
<b>Total</b>	<b>14,552</b>	<b>4,594</b>	<b>19,146</b>	<b>302,560</b>	<b>12,266</b>	<b>314,826</b>

**Table 10 Transport Activity classified by Group of goods and Main use of vehicle, 2007**

Group of goods (NST/R Chapter)	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
Agricultural products & live animals	345	1,491	1,836	4,887	11,551	16,438
Foodstuffs & animal fodder	817	3,024	3,841	9,406	22,989	32,395
Solid mineral fuels	35	141	177	1,341	2,101	3,441
Petroleum products	512	385	898	7,215	4,060	11,275
Ores & metal waste	38	123	161	509	1,119	1,627
Metal products	137	271	408	1,381	2,764	4,145
Crude & manufactured minerals, building materials	2,126	3,419	5,545	89,202	103,295	192,497
Fertilisers	86	189	276	1,743	3,119	4,863
Chemicals	86	372	458	1,303	3,526	4,829
Machinery, transport equipment, manufactured articles & miscellaneous articles	860	2,149	3,009	11,998	16,010	28,008
Mixed loads	301	2,236	2,538	5,076	10,231	15,307
<b>Total</b>	<b>5,345</b>	<b>13,801</b>	<b>19,146</b>	<b>134,062</b>	<b>180,764</b>	<b>314,826</b>

**Table 11 Average Number of vehicles classified by Unladen weight, Year of manufacture and Main use of vehicle, 2007**

Unladen weight and Year of manufacture of vehicle	Number of vehicles			Number of relevant vehicles		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
<b>Unladen weight (kg)</b>						
2,000 - 5,000	64,937	5,576	70,513	36,001	4,589	40,589
5,001 - 7,500	7,509	1,656	9,165	5,626	1,550	7,176
7,501 - 10,000	7,264	3,441	10,705	6,047	3,294	9,341
10,001 - 12,500	7,818	9,221	17,039	6,881	8,933	15,813
Over 12,500	7,148	7,126	14,274	6,430	6,950	13,380
<b>Total</b>	<b>94,678</b>	<b>27,019</b>	<b>121,697</b>	<b>60,985</b>	<b>25,315</b>	<b>86,300</b>
<b>Year of manufacture</b>						
2006-2007	21,207	5,145	26,352	11,039	4,661	15,700
2004-2005	11,573	4,650	16,223	7,261	4,401	11,662
2002-2003	14,720	4,168	18,888	9,360	3,826	13,186
2000-2001	13,335	4,493	17,828	9,191	4,336	13,527
1998-1999	12,100	3,991	16,090	8,859	3,907	12,766
1997 or before	21,743	4,573	26,316	15,274	4,184	19,459
<b>Total</b>	<b>94,678</b>	<b>27,019</b>	<b>121,697</b>	<b>60,985</b>	<b>25,315</b>	<b>86,300</b>



**Table 12 Transport Activity classified by Year of manufacture and Main use of vehicle, 2007**

Year of manufacture of vehicle	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
2006-2007	1,010	3,186	4,195	25,662	34,784	60,446
2004-2005	1,160	3,439	4,599	26,066	37,476	63,542
2002-2003	1,094	2,398	3,491	25,962	31,569	57,530
2000-2001	906	2,285	3,191	22,786	31,430	54,216
1998-1999	613	1,527	2,139	16,253	25,123	41,376
1997 or before	563	968	1,531	17,333	20,383	37,715
<b>Total</b>	<b>5,345</b>	<b>13,801</b>	<b>19,146</b>	<b>134,062</b>	<b>180,764</b>	<b>314,826</b>

**Table 13 Transport Activity classified by Body type and Main use of vehicle, 2007**

Type of vehicle and Body type	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
<b>Rigid/Rigid with Trailer</b>						
Platform or sided	396	898	1,295	7,506	9,729	17,235
Tipper	1,274	1,372	2,646	56,178	54,879	111,057
Tanker or other bulk carrier	471	319	790	9,748	6,084	15,831
Insulated or refrigerated box	163	755	918	2,406	2,425	4,831
Box or van body	476	849	1,325	5,498	5,413	10,911
Livestock carrier	29	49	78	504	631	1,135
Other	767	1,472	2,239	17,964	23,193	41,157
Total	3,577	5,713	9,290	99,803	102,354	202,157
<b>Articulated</b>						
Platform or sided	185	1,386	1,571	2,925	10,506	13,431
Tipper	370	1,246	1,616	13,128	26,317	39,445
Tanker or other bulk carrier	301	937	1,238	4,303	12,552	16,855
Insulated or refrigerated box	122	1,362	1,484	983	3,860	4,843
Box or van body	98	599	697	921	3,202	4,123
Livestock carrier	12	69	81	334	361	695
Other	680	2,490	3,170	11,663	21,613	33,276
Total	1,768	8,088	9,856	34,258	78,410	112,669
<b>All Vehicles</b>						
Platform or sided	581	2,284	2,865	10,431	20,235	30,666
Tipper	1,644	2,618	4,262	69,306	81,196	150,502
Tanker or other bulk carrier	772	1,256	2,028	14,051	18,635	32,686
Insulated or refrigerated box	286	2,116	2,402	3,389	6,285	9,674
Box or van body	574	1,448	2,022	6,419	8,615	15,035
Livestock carrier	41	118	159	838	991	1,830
Other	1,447	3,962	5,409	29,627	44,806	74,433
Total	5,345	13,801	19,146	134,062	180,764	314,826

**Table 14 Vehicle Kilometres travelled classified by Business of owner and Main use of vehicle, 2007**

Business of owner of vehicle	Loaded vehicle kilometres (million)			Total vehicle kilometres (million)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
Transport	0	715	715	0	1,068	1,068
Manufacturing industry	161	0	161	278	0	278
Mining & quarrying (incl. sand & gravel merchants)	28	0	28	53	0	53
Creameries & agricultural cooperative societies	4	0	4	7	0	7
Manufacture of food & feeding stuffs	31	0	31	47	0	47
Manufacture of drink & tobacco	6	0	6	7	0	7
Manufacture of glass, cement & clay products	29	0	29	55	0	55
Other manufacturing	64	0	64	110	0	110
Building & Construction	98	0	98	178	0	178
Distribution	349	165	514	546	282	828
Agriculture & livestock dealing	39	1	40	73	1	74
Local Authorities	18	0	18	35	0	35
Other	75	54	129	117	84	201
<b>Total</b>	<b>740</b>	<b>934</b>	<b>1,674</b>	<b>1,227</b>	<b>1,435</b>	<b>2,662</b>

**Table 15 Transport Activity classified by National/International journeys, Axle configuration and Main use of vehicle, 2007**

Type of Journey and Axle Configuration	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
<b>National journeys</b>						
Rigid						
2 axle	1,009	556	1,565	19,544	8,000	27,544
3 axle	635	218	853	16,657	5,357	22,014
Other rigid	1,312	1,476	2,789	54,906	62,891	117,797
Rigid + trailer	493	1,761	2,254	6,967	22,158	29,125
Articulated						
3 axle	87	194	282	2,903	2,982	5,884
4 axle	354	629	983	10,219	13,063	23,282
5 axle	710	2,996	3,706	10,844	35,000	45,845
Other articulated	476	1,646	2,122	9,309	21,758	31,068
Total	5,076	9,476	14,552	131,350	171,210	302,560
<b>International journeys</b>						
Rigid						
2 axle	17	47	65	128	136	265
3 axle	15	11	26	203	64	267
Other rigid	29	77	106	930	595	1,526
Rigid + trailer	66	1,566	1,633	467	3,152	3,619
Articulated						
3 axle	1	49	50	6	173	180
4 axle	16	107	123	186	442	628
5 axle	88	2,218	2,306	397	3,976	4,373
Other articulated	37	249	285	393	1,015	1,408
Total	269	4,325	4,594	2,712	9,555	12,266
<b>Total</b>						
Rigid						
2 axle	1,026	603	1,629	19,673	8,136	27,809
3 axle	650	229	879	16,860	5,421	22,281
Other rigid	1,341	1,554	2,895	55,836	63,487	119,322
Rigid + trailer	560	3,327	3,887	7,434	25,310	32,745
Articulated						
3 axle	88	244	332	2,909	3,155	6,064
4 axle	370	737	1,106	10,405	13,505	23,911
5 axle	798	5,214	6,011	11,241	38,977	50,218
Other articulated	513	1,894	2,407	9,703	22,774	32,476
Total	5,345	13,801	19,146	134,062	180,764	314,826

Table 16 Transport Activity classified by Region of origin and Region of destination, 2007

Region of Origin	Region of Destination										Total
	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West	Northern Ireland	Other Countries	
<b>Tonne-km (million)</b>											
Border	807	83	136	227	123	38	67	70	113	258	1,923
Midland	88	435	103	114	57	69	125	56	22	25	1,094
West	111	64	691	143	62	55	94	44	23	96	1,383
Dublin	317	170	198	801	470	244	287	461	105	316	3,370
Mid-East	113	77	72	468	586	57	158	79	41	116	1,766
Mid-West	36	49	118	159	39	781	161	220	4	157	1,724
South-East	93	63	85	277	159	119	1,153	274	34	254	2,510
South-West	48	54	63	267	68	239	286	1,324	4	381	2,733
Northern Ireland	106	9	22	46	12	4	33	16	49	65	363
Other Countries	95	18	16	831	127	93	130	225	101	645	2,280
<b>Total</b>	<b>1,814</b>	<b>1,023</b>	<b>1,502</b>	<b>3,331</b>	<b>1,702</b>	<b>1,699</b>	<b>2,493</b>	<b>2,769</b>	<b>498</b>	<b>2,313</b>	<b>19,146</b>
<b>Tonnes carried (thousand)</b>											
Border	28,665	777	1,301	2,526	1,620	167	331	223	1,527	305	37,440
Midland	1,250	15,940	1,263	1,140	918	899	1,180	281	128	37	23,036
West	1,479	1,226	25,068	668	379	540	430	184	122	70	30,164
Dublin	2,977	1,551	949	31,680	12,333	1,258	2,114	1,806	672	416	55,757
Mid-East	1,731	1,594	345	10,867	19,644	396	2,181	340	205	164	37,467
Mid-West	154	687	921	751	290	26,898	2,541	2,477	17	179	34,917
South-East	431	694	405	1,984	2,006	1,940	33,212	2,380	118	358	43,526
South-West	160	265	278	1,097	291	2,427	2,260	37,790	15	364	44,947
Northern Ireland	1,376	66	147	271	76	16	131	38	1,541	103	3,764
Other Countries	101	39	24	1,189	153	98	156	265	148	1,632	3,806
<b>Total</b>	<b>38,324</b>	<b>22,838</b>	<b>30,701</b>	<b>52,173</b>	<b>37,710</b>	<b>34,640</b>	<b>44,535</b>	<b>45,784</b>	<b>4,492</b>	<b>3,629</b>	<b>314,826</b>

**Table 17 Vehicle Kilometres travelled classified by Region of origin and Region of destination, 2007**

Region of Origin	Region of Destination										Total
	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West	Northern Ireland	Other Countries	
<b>Vehicle kilometres (million)</b>											
Border	149	14	21	42	18	8	9	10	13	15	300
Midland	14	67	13	26	15	12	11	8	2	1	167
West	20	14	137	24	10	12	10	7	3	6	243
Dublin	47	24	29	174	69	30	44	49	11	23	500
Mid-East	18	15	10	71	91	7	24	11	4	6	257
Mid-West	8	10	12	27	6	123	20	36	1	14	257
South-East	10	10	10	44	23	19	176	34	2	12	342
South-West	9	8	8	47	10	36	37	226	1	21	402
Northern Ireland	13	2	3	10	4	0	2	1	6	3	45
Other Countries	6	1	1	49	6	7	8	12	5	56	150
<b>Total</b>	<b>294</b>	<b>165</b>	<b>245</b>	<b>513</b>	<b>254</b>	<b>253</b>	<b>341</b>	<b>394</b>	<b>47</b>	<b>156</b>	<b>2,662</b>

**Table 18 Transport Activity classified by Country of origin and Country of destination, 2007**

Country of Origin	Country of Destination										
	Austria	Belgium	Czech Republic	Denmark	France	Germany	Greece	Hungary	Ireland	Italy	Luxembourg
<b>Tonne-km (million)</b>											
Austria	0	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	0	0	0	0	58	1	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	12	0	0
France	0	0	0	0	17	0	0	0	172	0	0
Germany	0	0	0	0	0	4	0	0	143	0	0
Greece	0	0	0	0	0	0	0	0	23	0	0
Hungary	0	0	0	0	0	0	0	0	4	0	0
Ireland	4	57	0	11	334	195	15	0	14,552	87	10
Italy	0	0	0	0	8	0	0	0	170	5	0
Luxembourg	0	0	0	0	0	0	0	0	4	0	0
Netherlands	0	0	0	0	2	2	0	0	176	0	0
Poland	0	0	0	0	0	0	0	0	18	0	0
Portugal	0	0	0	0	0	0	0	0	0	0	0
Spain	0	0	0	0	34	0	0	0	206	0	0
Sweden	0	0	0	0	0	0	0	0	5	0	0
United Kingdom	0	8	0	0	19	19	16	0	777	0	0
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	0	14	0	0
<b>Total</b>	<b>4</b>	<b>65</b>	<b>0</b>	<b>11</b>	<b>414</b>	<b>220</b>	<b>31</b>	<b>0</b>	<b>16,335</b>	<b>92</b>	<b>10</b>

**Table 18 Transport Activity classified by Country of origin and Country of destination, 2007**  
-continued

Country of Origin	Country of Destination								Total	
	Netherlands	Poland	Portugal	Spain	Sweden	United Kingdom	Other EU <sup>1</sup>	Other Countries <sup>2</sup>		
<b>Tonne-km (million)</b>										
Austria	0	0	0	0	0	8	0	0	8	
Belgium	1	0	0	0	0	20	0	0	80	
Czech Republic	0	0	0	0	0	0	0	0	0	
Denmark	0	0	0	0	0	9	0	0	21	
France	6	0	0	14	0	86	0	2	297	
Germany	0	0	0	0	0	16	0	2	165	
Greece	0	0	0	0	0	12	0	0	35	
Hungary	0	0	0	0	0	0	0	0	4	
Ireland	125	20	31	252	10	799	0	0	16,503	
Italy	0	0	0	0	0	75	0	0	257	
Luxembourg	0	0	0	0	0	1	0	0	5	
Netherlands	1	0	0	0	0	30	0	0	211	
Poland	0	0	0	0	0	0	0	0	18	
Portugal	0	0	0	0	0	0	0	0	0	
Spain	0	0	2	17	0	18	0	0	277	
Sweden	0	0	0	0	0	0	0	0	5	
United Kingdom	32	0	0	0	0	374	0	0	1,245	
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0	
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	1	15	
<b>Total</b>	<b>165</b>	<b>20</b>	<b>33</b>	<b>282</b>	<b>10</b>	<b>1,448</b>	<b>0</b>	<b>5</b>	<b>19,146</b>	

<sup>1</sup>Includes Bulgaria, Cyprus, Estonia, Finland, Latvia, Lithuania, Malta, Romania, Slovakia and Slovenia

<sup>2</sup>Includes any country which is not a member state of the EU

**Table 19 Weight of goods carried classified by Country of origin and Country of destination, 2007**

Country of Origin	Country of Destination										
	Austria	Belgium	Czech Republic	Denmark	France	Germany	Greece	Hungary	Ireland	Italy	Luxembourg
<b>Tonnes carried (thousand)</b>											
Austria	0	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	0	0	0	0	66	1	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	6	0	0
France	0	0	0	0	28	0	0	0	174	0	0
Germany	0	0	0	0	0	16	0	0	106	0	0
Greece	0	0	0	0	0	0	0	0	7	0	0
Hungary	0	0	0	0	0	0	0	0	2	0	0
Ireland	3	62	0	7	324	147	6	0	302,560	47	9
Italy	0	0	0	0	4	0	0	0	84	17	0
Luxembourg	0	0	0	0	0	0	0	0	4	0	0
Netherlands	0	0	0	0	3	2	0	0	185	0	0
Poland	0	0	0	0	0	0	0	0	8	0	0
Portugal	0	0	0	0	0	0	0	0	0	0	0
Spain	0	0	0	0	20	0	0	0	99	0	0
Sweden	0	0	0	0	0	0	0	0	2	0	0
United Kingdom	0	14	0	0	18	15	6	0	3,394	0	0
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	0	8	0	0
<b>Total</b>	<b>3</b>	<b>76</b>	<b>0</b>	<b>7</b>	<b>397</b>	<b>180</b>	<b>12</b>	<b>0</b>	<b>306,705</b>	<b>65</b>	<b>9</b>



**Table 19 Weight of goods carried classified by Country of origin and Country of destination, 2007**  
-continued

Country of Origin	Country of Destination								Total
	Netherlands	Poland	Portugal	Spain	Sweden	United Kingdom	Other EU <sup>1</sup>	Other Countries <sup>2</sup>	
<b>Tonnes carried (thousand)</b>									
Austria	0	0	0	0	0	3	0	0	3
Belgium	2	0	0	0	0	32	0	0	102
Czech Republic	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	7	0	0	14
France	6	0	0	18	0	103	0	3	332
Germany	2	0	0	0	0	15	0	2	142
Greece	0	0	0	0	0	5	0	0	12
Hungary	0	0	0	0	0	0	0	0	2
Ireland	124	10	12	136	6	3,804	0	0	307,256
Italy	0	0	0	0	0	41	0	0	145
Luxembourg	0	0	0	0	0	1	0	0	5
Netherlands	3	0	0	0	0	42	0	0	236
Poland	0	0	0	0	0	0	0	0	8
Portugal	0	0	0	0	0	0	0	0	0
Spain	0	0	3	26	0	8	0	0	156
Sweden	0	0	0	0	0	0	0	0	2
United Kingdom	38	0	0	0	0	2,916	0	0	6,401
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	2	10
<b>Total</b>	176	10	15	181	6	6,978	0	7	314,826

<sup>1</sup>Includes Bulgaria, Cyprus, Estonia, Finland, Latvia, Lithuania, Malta, Romania, Slovakia and Slovenia

<sup>2</sup>Includes any country which is not a member state of the EU

**Table 20 Vehicle Kilometres travelled classified by Country of origin and Country of destination, 2007**

Country of Origin	Country of Destination										
	Austria	Belgium	Czech Republic	Denmark	France	Germany	Greece	Hungary	Ireland	Italy	Luxembourg
<b>Vehicle kilometres (million)</b>											
Austria	0	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	0	0	0	0	4	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	1	0	0
France	0	0	0	0	2	0	0	0	10	0	0
Germany	0	0	0	0	0	1	0	0	7	0	0
Greece	0	0	0	0	0	0	0	0	1	0	0
Hungary	0	0	0	0	0	0	0	0	0	0	0
Ireland	0	3	0	1	17	10	1	0	2,334	5	1
Italy	0	0	0	0	0	0	0	0	8	1	0
Luxembourg	0	0	0	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0	11	0	0
Poland	0	0	0	0	0	0	0	0	1	0	0
Portugal	0	0	0	0	0	0	0	0	0	0	0
Spain	0	0	0	0	2	0	0	0	9	0	0
Sweden	0	0	0	0	0	0	0	0	0	0	0
United Kingdom	0	1	0	0	1	1	1	0	71	0	0
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	0	1	0	0
<b>Total</b>	0	5	0	1	24	12	2	0	2,459	7	1

**Table 20 Vehicle Kilometres travelled classified by Country of origin and Country of destination, 2007**  
**-continued**

Country of Origin	Country of Destination							Total	
	Netherlands	Poland	Portugal	Spain	Sweden	United Kingdom	Other EU <sup>1</sup>		Other Countries <sup>2</sup>
<b>Vehicle kilometres (million)</b>									
Austria	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	0	1	0	0	5
Czech Republic	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	1
France	0	0	0	1	0	4	0	0	19
Germany	0	0	0	0	0	1	0	0	10
Greece	0	0	0	0	0	1	0	0	2
Hungary	0	0	0	0	0	0	0	0	0
Ireland	10	1	2	13	0	69	0	0	2,468
Italy	0	0	0	0	0	3	0	0	12
Luxembourg	0	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	2	0	0	14
Poland	0	0	0	0	0	0	0	0	1
Portugal	0	0	0	0	0	0	0	0	0
Spain	0	0	0	3	0	1	0	0	16
Sweden	0	0	0	0	0	0	0	0	1
United Kingdom	2	0	0	0	0	34	0	0	110
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>13</b>	<b>1</b>	<b>2</b>	<b>18</b>	<b>0</b>	<b>117</b>	<b>0</b>	<b>1</b>	<b>2,662</b>

<sup>1</sup>Includes Bulgaria, Cyprus, Estonia, Finland, Latvia, Lithuania, Malta, Romania, Slovakia and Slovenia

<sup>2</sup>Includes any country which is not a member state of the EU

**Table 21 Transport Activity classified by Month of the year, 2007**

Month	Tonne-km (million)	Tonnes carried (thousand)	Vehicle Kilometres (million)	Number of Loaded Journeys (thousand)	Number of Empty Journeys (thousand)
January	1,678	29,158	258	2,648	2,354
February	1,523	26,800	215	2,182	1,909
March	1,150	23,501	170	1,877	1,688
April	1,837	29,189	260	2,362	2,076
May	1,483	28,293	217	2,216	2,030
June	1,315	21,238	197	1,875	1,707
July	2,059	35,425	276	2,800	2,479
August	1,533	22,879	197	1,980	1,712
September	1,475	20,780	197	1,932	1,572
October	2,031	32,794	278	2,637	2,349
November	1,621	24,695	202	2,047	1,788
December	1,441	20,074	194	1,831	1,579
<b>Total</b>	<b>19,146</b>	<b>314,826</b>	<b>2,662</b>	<b>26,387</b>	<b>23,243</b>

**Table 22 Transport Activity classified by Day of the week, 2007**

Day of the Week	Tonne-km (million)	Tonnes carried (thousand)	Vehicle Kilometres (million)	Number of Loaded Journeys (thousand)	Number of Empty Journeys (thousand)
Monday	3,163	57,752	456	4,884	4,312
Tuesday	3,494	61,446	495	5,095	4,501
Wednesday	3,630	61,728	519	5,139	4,537
Thursday	3,730	61,639	521	5,078	4,469
Friday	3,693	59,122	511	4,922	4,335
Saturday	1,001	11,411	119	1,082	946
Sunday	435	1,728	41	187	143
<b>Total</b>	<b>19,146</b>	<b>314,826</b>	<b>2,662</b>	<b>26,387</b>	<b>23,243</b>

# **Chapter 3**

## **Methodology**

## Survey Methodology

**Legal Framework** The “National Survey of Transport of Goods by Road” was carried out as part of an EU wide project, in accordance with Council Regulation (EC) 1172/98 on statistical returns in respect of the carriage of goods by road.

**Data** Data on all vehicles taxed as goods vehicles is made available by the Department of Transport for the survey. From this a basic survey register is constructed. It comprises all goods vehicles which had been under licence at any time after 31 December 1988.

The register was updated every eight weeks during 2007 with information from the Department regarding vehicles;

- (i) being registered for the first time,
- (ii) having their motor taxation class changed,
- (iii) being formally scrapped,
- (iv) having their registered owner changed.

The details relating to each vehicle contained on the register which were required for survey purposes were as follows:

- year of manufacture of the vehicle,
- date of first registration of vehicle,
- an indication as to whether the vehicle had been taxed for the carriage of goods on own account or for hire or reward,
- unladen weight of vehicle and
- name and address of the person in whose name the vehicle was most recently taxed (referred to as the owner of the vehicle in the following paragraphs).

**Sample Design** Information was collected regarding one week’s transport activity for a random sample of goods vehicles. The sample was spread evenly over each week during the year. Each week a sample of vehicles was selected from the register. A questionnaire seeking information on the vehicle and an account of the vehicle’s activity during that week was issued to the owner of the vehicle. For the purposes of sample selection vehicles were divided into 3 strata depending on their unladen weight. A random sample was taken within each of the three unladen weight strata. Different sampling rates were applied in each unladen weight stratum to maximise sampling accuracy for the overall sample. Steps were taken to ensure that the sample rates remained constant across the three vehicle age categories shown in Appendix A. Table L.1 shows the sampling rates used. A breakdown of the three selection strata is shown in Appendix A. The sampling rates remained constant throughout the year and accordingly, since newly registered goods vehicles were being added to the register at regular intervals, the weekly sample size increased gradually as the year progressed.

**Table L.1**

Unladen Weight		
2-5 tonnes	5-10 tonnes	10 tonnes and over
Sampling Rate %		
15	50	90

**Data Collection** Survey questionnaires (see Appendix D) were issued during the week prior to the survey week to which they referred. When necessary, reminders were issued 10 days and 20 days after the survey week.

**Response Rates** Overall, out of a total of 39,754 vehicles surveyed, a satisfactory return was received in respect of 15,173 vehicles and represented an overall response rate of 38%. However, this rate varied across the different unladen weight strata and also differed across the year of manufacture. Response rates for the unladen weight stratum broken down by year of manufacture are presented in Table M.1:

**Table M.1**

Year of Manufacture	Unladen Weight					
	2-5 tonnes		5-10 tonnes		10 tonnes and over	
	Questionnaires Issued	% Response	Questionnaires Issued	% Response	Questionnaires Issued	% Response
<b>Before 1999</b>	2,276	41	4,334	36	4,999	29
<b>1999-2003</b>	4,089	45	2,932	40	8,362	36
<b>After 2003</b>	4,023	47	1,586	40	6,401	42

When transfer of ownership or change of address of owner occurred before the survey week, every effort was made to trace the new owner or to ascertain the new address. However, this was not always possible and as a result response rates were lower than would otherwise have been the case.

Where returned questionnaires were either incomplete or unsatisfactorily completed the vehicle owners were queried regarding omissions or erroneous entries. Unless satisfactory replies were received to such queries these questionnaires were not used in the processing of the survey results and are not included in the calculation of response rates above. Vehicles that had been scrapped before the relevant survey week accounted for 752 returns in addition to the 15,173 satisfactory returns.

**Compilation and Grossing** Survey returns were processed on a quarterly basis and in each year the results obtained for each of the four quarters were combined to provide the annual results contained in this report. The same processing scheme was used for each quarter and this involved stringent checking of returns including comparisons with activity levels in previous quarters.

For the grossing up of survey returns to the level of the goods vehicle fleet as a whole, vehicles were classified into a total of 20 strata by subdividing the 3 strata used in sample selection via three additional criteria. These criteria were:

- Year of first registration of the vehicle;
- Whether the vehicle had been taxed for the carriage of goods on own account or for hire or reward and;
- Year of manufacture.

A full description of the 20 strata used, together with their relationship to the 3 sample selection strata, is given in Appendix A. These additional strata were introduced to cater for the following:

- (a) possible under-representation in the sample of vehicles registered for the first time during the survey year;
- (b) possible varying response between vehicles which had been taxed for the carriage of goods on own account on the one hand or for hire or reward on the other.

In each stratum the total number of vehicles on the register was first adjusted to take account of the estimated number of scrapped vehicles. The resultant total number of non-scrapped (i.e. active) vehicles was then divided by the number of non-scrapped vehicles in the sample to provide the stratum vehicle grossing factor.

The weekly activity measures (tonnes carried, tonne-kilometres done etc.) for each sample vehicle were multiplied by 13 to expand them to quarterly levels and then by the relevant vehicle grossing factor to obtain the quarterly estimate covering all *active* vehicles. The estimates for each quarter were then added together to provide the annual results.

The total fleet size for which estimated analyses are provided is the *average* of the number of *active* vehicles in each quarter. Thus the total of vehicles analysed in this report does not relate to the actual goods vehicle fleet at any particular time during the survey year but to the average fleet size during the year. Similarly the fleet classifications provided refer to the average position during the year.

### Reliability of Results

Estimation of survey results from data relating to only one week's activity for a sample of vehicles introduces a statistical variability which would not be present if a full year's data had been collected for *every* vehicle. This means that the survey results cannot be taken as accurate to the full degree shown in this report.

The variability is expressed by means of the coefficient of variation. This coefficient gives the relative size of the "sampling error" (variability) present in an estimate compared with the estimate itself. In general, estimates can be said to have a relative precision of twice their coefficient of variation. The estimated coefficients of variation for the overall tonnes carried, tonne-kilometres and vehicle kilometres estimates are shown in Table N.1 below.

**Table N.1**

Unladen Weight (tonnes)	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres	
	Survey Estimate	Coefficient of Variation	Survey Estimate	Coefficient of Variation	Survey Estimate	Coefficient of Variation
	<i>million</i>	%	<i>thousand</i>	%	<i>million</i>	%
2-5	736	6	13,337	6	706	3
5-7.5	493	11	8,020	5	171	5
7.5-10	1,664	5	29,690	4	298	4
10-12.5	8,363	4	123,212	3	774	3
Over 12.5	7,890	3	140,566	4	714	2
<b>Total</b>	<b>19,146</b>	<b>1</b>	<b>314,826</b>	<b>2</b>	<b>2,662</b>	<b>1</b>

In general, the more detailed the classification provided the greater the coefficient of variation of the estimates. In the derivation of the results the assumption was made that non-respondents had similar characteristics and activity levels to those of respondents in the same stratification cell. This assumption, which is a standard one in surveys such as this, may have resulted in some slight bias being introduced into the results. Moreover, although every effort was made to ensure that the returns received were correct in all respects it is inevitable that some minor non-sampling errors remained undetected.



## **Definitions Used    Type of Journey**

Two basic categories of journey were distinguished – split delivery/collection journeys and end-to-end journeys.

- End-to-end journeys are those which have no intermediate collection or delivery points between their origin and destination.
- Split delivery/collection journeys involved the depositing and/or collection of part of the load carried at one or more stopping points along the way. Common examples of such journeys are household bread delivery runs or delivering of beer to public houses with concomitant collection of empties.

### **Tonnes Carried**

- This is the weight of goods (including empties) carried inclusive of packaging etc. but excluding the weight of demountable containers (if any) in which the goods are carried.
- For split delivery/collection journeys tonnes carried is taken as the weight of goods at the start of the journey plus the weight of any other goods collected during the journey.

### **Tonne-Kilometre**

- For end-to-end journeys this is the result of multiplying the weight of goods carried by the distance they were carried.
- For split delivery/collection journeys more complex formulae were used. These involved multiplying the distance travelled with a load by an estimate of the average weight of load carried.

### **Road Cabotage Transport**

In the context of this report, road cabotage transport is the carriage of goods by road by Irish registered goods vehicles between two places (a place of loading/embarkment and a place of unloading/disembarkment) located in the same country provided that this country is not the Republic of Ireland. It may involve transit through one or more additional countries.

### **Cross Trade**

In the context of this report, cross trade is the carriage of goods by road by Irish registered goods vehicles between two places (a place of loading/embarkment and a place of unloading/disembarkment) located in two different countries, provided that neither of these countries is the Republic of Ireland. It may involve transit through one or more additional countries.

### **International Road Transport**

In the context of this report, international transport is the carriage of goods by road by Irish registered goods vehicles between two places (a place of loading/embarkment and a place of unloading/disembarkment) located in two different countries and cabotage by road as defined above. It may involve transit through one or more additional countries.

### **National Transport**

In the context of this report, national transport is the carriage of goods by road by Irish registered goods vehicles between two places (a place of loading/embarkment and a place of unloading/disembarkment) both of which are located in the Republic of Ireland.



## **Appendices**

## Appendix A

### Definition of Strata used in Sample Selection and in the Grossing up of Survey Returns

Vehicle Characteristics				Stratum Number	
Year of Manufacture	Unladen Weight	Taxation Use <sup>1</sup>	Year of First Registration	Grossing Up	Sample Selection
Before 1999	2-5 tonnes	Immaterial	Immaterial	1	1
“	5-10 tonnes	Own Account	“	2	2
“	“	Hire or Reward	“	3	
“	10 tonnes or over	Own Account	“	4	3
“		Hire or Reward	“	5	
1999 to 2003	2-5 tonnes	Immaterial	“	6	4
“	5-10 tonnes	Own Account	“	7	5
“		Hire or Reward	“	8	
“	10 tonnes or over	Own Account	“	9	6
“		Hire or Reward	“	10	
2004 or later	2-5 tonnes	Immaterial	Before 2006 2006 or later	11	7
“	“	“		12	
“	5-10 tonnes	Own Account	Before 2006 2006 or later	13	8
“		“		“	
“	“	Hire or Reward	Before 2006	15	
“	“	“	2006 or later	16	
“	10 tonnes or over	Own Account	Before 2006 2006 or later	17	9
“		“		“	
“	“	Hire or Reward	Before 2006	19	
“	“	“	2006 or later	20	

<sup>1</sup> This is the use (viz. **carriage for hire or reward** or **own account carriage**) stated by the declarant when taxing the vehicle.

## Appendix B

### The NUTS 3<sup>1</sup> Regions of Ireland

NUTS 3 Region	Composition
Border	Counties of Cavan, Donegal, Leitrim, Louth, Monaghan and Sligo.
Midland	Counties of Laois, Longford, Offaly, and Westmeath.
West	Galway City and County, Mayo and Roscommon.
Dublin	Dublin City, Dun Laoghaire-Rathdown, Fingal, and South Dublin.
Mid-East	Counties of Kildare, Meath and Wicklow.
Mid-West	Limerick City and County, Clare and North Tipperary.
South-East	Waterford City and County, Carlow, Kilkenny, South Tipperary and Wexford.
South-West	Cork City and County and County of Kerry.

<sup>1</sup> Level 3 of the Nomenclature of Territorial Units for Statistics (NUTS), for the member states of the European Union.

## Appendix C

### Structure of the Standard Goods Classification for Transport Statistics (NST/R)

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#### CHAPTER TITLE

#### Contents

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#### **Agricultural products and live animals**

- Live animals
- Cereals
- Potatoes
- Other fresh or frozen fruit and vegetables
- Textile materials and man-made fibres
- Wood and Cork
- Sugar beet
- Other raw animal and vegetable materials

#### **Foodstuffs and animal fodder**

- Sugars
- Beverages
- Stimulants and spices
- Perishable foodstuffs
- Other non-perishable foodstuffs and hops
- Animal food and foodstuffs waste
- Oil seeds and oleaginous fruit and fats

#### **Solid mineral fuels**

- Coal
- Lignite and peat
- Coke

#### **Petroleum products**

- Crude petroleum
- Fuel derivatives
- Gaseous hydrocarbons, liquid or compressed
- Non-fuel derivatives

#### **Ores and metal waste**

- Iron ore
- Non-ferrous ores and waste
- Iron and steel waste and blast-furnace dust

#### **Metal products**

- Pig-iron and crude steel; ferro-alloys
- Semi-finished rolled steel products
- Bars, sections, wire rod, railway and tramway track  
  construction material of iron or steel
- Steel sheets, plates, hoop and strip
- Tubes, pipes, iron and steel castings and forgings
- Non-ferrous metals

## **Appendix C (contd.)**

### **Crude and manufactured minerals, building materials**

- Sand, gravel, clay and slag
- Salt, iron pyrites, sulphur
- Other stone earths and minerals
- Cement, lime
- Plasters
- Other manufactured building materials

### **Fertilisers**

- Natural fertilisers
- Chemical fertilisers

### **Chemicals**

- Basic chemicals
- Aluminium oxide and hydroxide
- Coal chemicals
- Paper pulp and waste paper
- Other chemical products

### **Machinery, transport equipment, manufactured articles and miscellaneous articles**

- Transport equipment
- Tractors; agricultural machinery and equipment
- Other machinery, apparatus and appliances, engines, parts thereof
- Manufactures of metal
- Glass, glassware, ceramic products
- Leather, textiles and clothing
- Other manufactured articles
- Miscellaneous articles

### **Mixed loads**

- Loads containing goods belonging to different categories





CONFIDENTIAL

Appendix D



**Enquiries to:**  
 Transport Section  
 Central Statistics Office  
 Skehard Road  
 Cork

Phone **021-453 5000**  
 or **01-498 4000**  
 LoCall 1890 313 414  
 Fax **021-453 5299**  
 Website [www.cso.ie](http://www.cso.ie)

Official use only	
Coded	
Checked	

*Amend if incorrect in any respect*

**CENTRAL STATISTICS OFFICE**


**NATIONAL SURVEY OF TRANSPORT OF GOODS BY ROAD**

This statutory survey is conducted under the Statistics (Road Freight) Order, 2007 (S.I. No. 672 of 2007). The survey is conducted in compliance with Council Regulation (EC) No. 1172/98. Results from the survey provide valuable information on the scale and development of carriage of goods by road by Irish Registered Goods Vehicles.

The vehicle whose registration number is shown, has been selected for inclusion in the survey for the week beginning **Monday** . Please ensure that a record of **all** journeys made during the survey week is entered on the form. The completed form must be returned in the pre-paid envelope provided **not later than Friday** . **Please read the instruction sheet enclosed to ensure accurate completion of the form.**

The information you provide will be treated as strictly confidential in accordance with Section 33 of the Statistics Act, 1993 and cannot be accessed under the terms of the Freedom of Information Act, 1997. It will be used only for statistical purposes and will not be disclosed to any other Government Department or body.

Notice is served under Section 26 of the Statistics Act, 1993. You are obliged by law to complete and return this form to the Central Statistics Office.

  
 Gerard O'Hanlon  
 Director General

**CHANGE OF OWNERSHIP OR VEHICLE SCRAPPED**

To be completed if the vehicle has been sold or scrapped and the **form returned immediately.**

If you sold the vehicle

If the vehicle has been scrapped

STATE YEAR SOLD .....

STATE YEAR SCRAPPED .....

**IF THIS SECTION IS COMPLETED GO TO THE CERTIFICATION ON PAGE 4 OF THE FORM**

**BUSINESS DETAILS**

1. What is the main type of business carried on by the vehicle owner?.....  
 (E.g. Wholesaling, farming, haulage, manufacturing, etc.). If a manufacturer specify main product.

Yes

No

2. Is the vehicle used under a National or International Road Freight Carrier's Licence (✓)



3. Is the vehicle used mainly for

Carriage of your own goods?

Carriage of other persons/companies goods?

Hire to others?

**PLEASE ✓  
 APPROPRIATE  
 BOX**



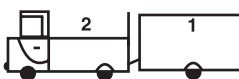


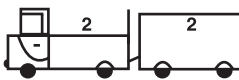


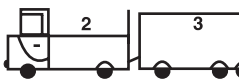










**THIS PAGE SHOULD BE COMPLETED UNLESS YOU HAVE SOLD OR SCRAPPED THE VEHICLE**

<p><b>4. CARRYING CAPACITY (i.e. heaviest load possible) OF VEHICLE</b> <span style="float: right; border: 1px solid black; padding: 2px 10px;">Kgs</span></p> <p><b>5. If the vehicle is used to draw a trailer then give the UNLADEN WEIGHT of the trailer</b> <span style="float: right; border: 1px solid black; padding: 2px 10px;">Kgs</span></p> <p><b>CARRYING CAPACITY of trailer</b> <span style="float: right; border: 1px solid black; padding: 2px 10px;">Kgs</span></p> <p><b>6. TYPE OF BODY (please ✓ appropriate box)</b></p> <p>Tipper <input type="checkbox"/> 1</p> <p>Insulated or refrigerated <input type="checkbox"/> 2</p> <p>Tanker or other bulk carrier <input type="checkbox"/> 3</p> <p>Livestock carrier <input type="checkbox"/> 4</p> <p>Box or Van body <input type="checkbox"/> 5</p> <p>Platform or sided <input type="checkbox"/> 6</p> <p>Other (specify.....) <input type="checkbox"/> 7</p>	<p><b>7. TYPE OF WORK NORMALLY CARRIED OUT BY VEHICLE (please ✓ appropriate box)</b></p> <p>Import/export work <input type="checkbox"/> 1 <small>(i.e. international carriage or delivery/ collection in connection with international trade)</small></p> <p>Delivering goods to retail outlets <input type="checkbox"/> 2</p> <p>Delivering goods to households <input type="checkbox"/> 3</p> <p>Delivering goods to wholesalers <input type="checkbox"/> 4</p> <p>Delivery of materials or Fuels to factories <input type="checkbox"/> 5</p> <p>Delivery of goods to road works or building sites <input type="checkbox"/> 6</p> <p>Carriage of livestock <input type="checkbox"/> 7</p> <p>Carriage of other farm produce from farms <input type="checkbox"/> 8</p> <p>Carriage of fertilisers, feeding stuffs etc. to farms <input type="checkbox"/> 9</p> <p>Other work (specify ..... ) <input type="checkbox"/> 0</p>
---	---

**8. POSITION OF AXLES (please ✓ box which describes the positions of the axles on the vehicle and on the trailer, if a trailer was used during the week)**

RIGID	RIGID + TRAILER	ARTICULATED
 OR  <input type="checkbox"/> 11	 <input type="checkbox"/> 26	 <input type="checkbox"/> 31
 <input type="checkbox"/> 12	 <input type="checkbox"/> 21	 <input type="checkbox"/> 32
 <input type="checkbox"/> 13	 <input type="checkbox"/> 22	 <input type="checkbox"/> 33
 <input type="checkbox"/> 14	 <input type="checkbox"/> 23	 <input type="checkbox"/> 34
Other Rigid..... <input type="checkbox"/> 15	 <input type="checkbox"/> 24	 <input type="checkbox"/> 36
	Other Rigid + Trailer..... <input type="checkbox"/> 25	Other Articulated..... <input type="checkbox"/> 35

**CERTIFICATION**

I hereby declare that the information given in this return is complete and accurate to the best of my knowledge.

Signature .....	Date .....
Status .....	Phone .....

(Owner, Secretary, etc.)

# NATIONAL SURVEY OF TRANSPORT OF GOODS BY ROAD

## INSTRUCTIONS FOR COMPLETION OF QUESTIONNAIRE

- **Complete Pages 1 and 4 immediately.** The Questionnaire should accompany the vehicle and details of each journey made by the vehicle during the survey week should be recorded at the end of each day as shown in the examples.
- If the vehicle was leased or rented to another party during the Survey week, please ensure that the details of all journeys made are recorded for entry on the questionnaire.
- The details requested in **questions 4 and 5** on the carrying capacity of Vehicle/Trailer can be obtained from the Vehicle/Trailer Handbook, if not please give your best estimate.
- For all journeys, the **weight of goods carried** (column 5) should be the weight of the load at the **start** of the journey.

### Single Delivery/Collection Journey

- See example 1 overleaf

### Multiple Delivery/Collection Journey

- See example 2 overleaf

### International Journeys

- The distance travelled - (at columns 6 and 7) should **exclude** the distance for which the vehicle was carried by sea on ferries
- The ferry route used should be entered under Origin (column 2)
- The origin and destination (town/city) of the entire journey should be stated. List also all countries crossed in transit under columns 2 and 3
- See **example 3 overleaf** which gives details on how to complete the questionnaire in respect of a journey falling partially within the survey week

### Dangerous Goods

Please record if the goods are classified as dangerous by adding to the description of the type of goods one of the following codes:

<b>DG10</b> - Explosives	<b>DG52</b> - Organic peroxides
<b>DG20</b> - Gases	<b>DG61</b> - Poisonous (toxic) substances
<b>DG30</b> - Flammable liquid	<b>DG62</b> - Infectious materials
<b>DG41</b> - Flammable solids	<b>DG70</b> - Radioactive materials
<b>DG42</b> - Substances liable to spontaneous combustion	<b>DG80</b> - Corrosive materials
<b>DG43</b> - Substances which catch fire in contact with water	<b>DG90</b> - Other
<b>DG51</b> - Oxidising substances	

### Demountable Containers or Lift Vans

#### Full

- State weight of goods carried only (exclude weight of container/lift van)
- Include weight of normal packaging

#### Empty

- Write 'Empty Container' under type of goods carried (column 4)
- State weight of container/lift van under weight of goods carried (column 5)

