



**Central Statistics Office**  
An Phríomh-Oifig Staidrimh

# Road Freight Transport Survey

## 2005

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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 2005. 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 principal 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

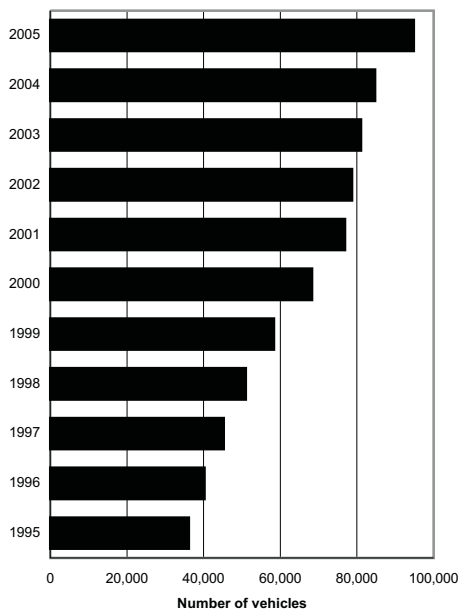
The report covers the survey period beginning on 1 January 2005 and ending on 31 December 2005. Irish registered vehicles belonging to the motor taxation class *goods vehicles with an unladen weight of 2 tonnes and over* came within the scope of the survey.

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.

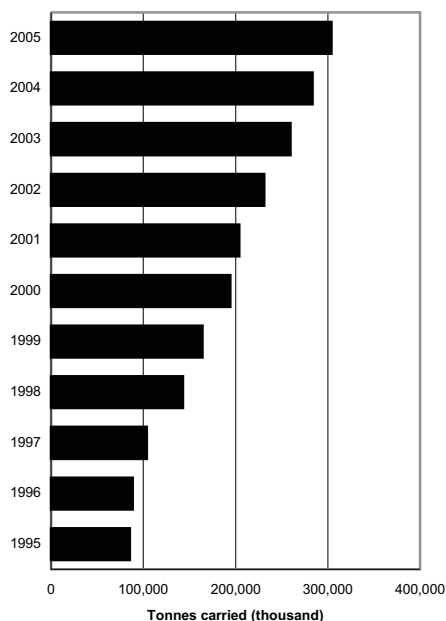
All activity of goods vehicles within the scope of the survey engaged in the carriage of goods, either on own account or for hire or reward, on the public road was covered. Excluded, therefore, was activity such as site work off the public road or work of a mainly service nature (e.g. carriage of personnel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

## Goods Vehicle Activity 2005

**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 2005, Irish registered goods vehicles transported a total of 304 million tonnes of goods by road. This represents an increase of 7% on the previous year and an increase of 256% over the last ten years. Activity in terms of tonne-kilometres increased by 5% from 17,288 million in 2004 to 18,152 million in 2005. There was an increase of 230% in the figure for tonne kilometres over the ten-year period from 1995 to 2005. The figure for vehicle kilometres travelled by Irish registered goods vehicles increased considerably also. A total of 2,566 million vehicle kilometres were travelled in 2005, an increase of almost 10% on the 2004 figure of 2,342 million and an increase of 163% on the 1995 figure.

The average number of goods vehicles with an unladen weight of 2 tonnes and over, under current license during 2005 was 94,845, representing an increase of almost 12% on the 2004 figure. The fleet size increased by 163% since 1995. These goods vehicles completed almost 24.5 million loaded journeys in 2005, 9% more than in 2004 and 163% more than in 1995.

Table A.1 below shows a record of the main figures for the years 1995 to 2005. (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
1995	5,493	85,317	974	36,107
1996	6,316	88,322	1,175	40,255
1997	6,998	103,836	1,208	45,256
1998	8,203	142,911	1,344	51,037
1999	10,275	163,972	1,452	58,388
2000	12,348	194,135	1,657	68,278
2001	12,405	203,849	1,668	76,875
2002	14,448	230,591	1,973	78,753
2003	15,898	259,465	2,124	81,024
2004	17,288	283,334	2,342	84,747
2005	18,152	303,866	2,566	94,845



### Main use of Vehicle

Chart 3: Weight of goods carried

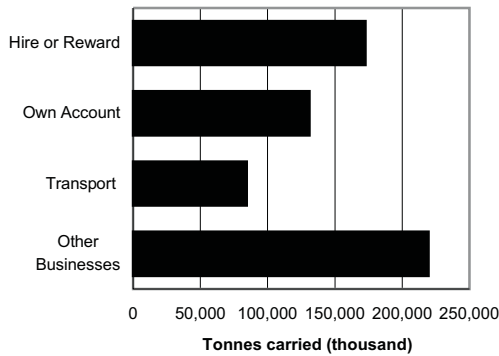


Chart 4: Activity in tonne-kilometres

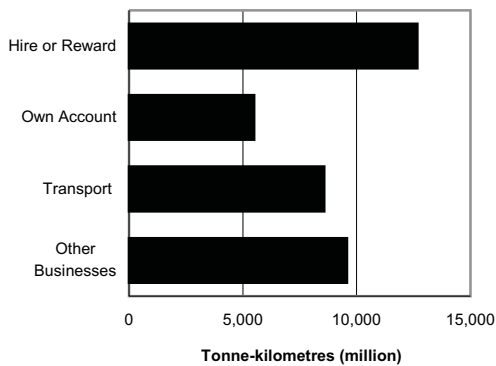
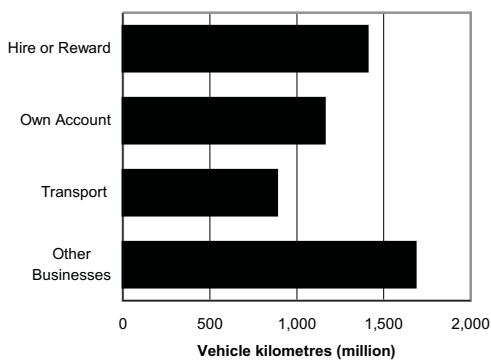


Chart 5: Vehicle kilometres travelled



Vehicles used mainly for hire or reward transport of goods were responsible for 57% of the total weight of goods carried in 2005. These vehicles also performed 70% of the total activity in terms of tonne-kilometres and travelled 55% of total vehicle kilometres. Given that these vehicles accounted for only 27% 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 19% were idle during any one survey week as compared to 26% of vehicles used mainly for own account transport. Vehicles used mainly for hire or reward transport accounted for 32% 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	12,662	69.8	172,689	56.8	1,406	54.8
Own Account	5,490	30.2	131,176	43.2	1,159	45.2
<b>Total</b>	<b>18,152</b>	<b>100.0</b>	<b>303,866</b>	<b>100.0</b>	<b>2,566</b>	<b>100.0</b>

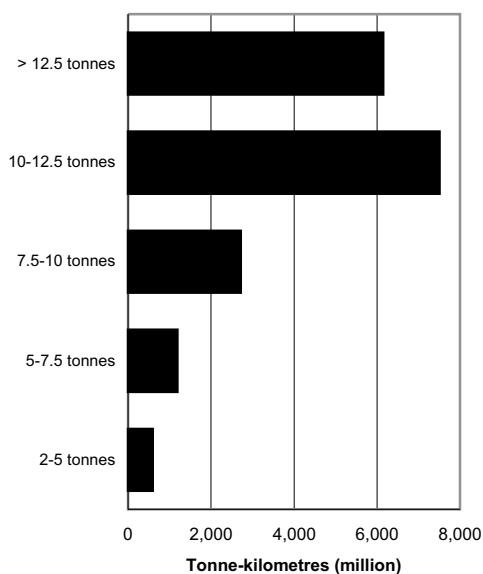
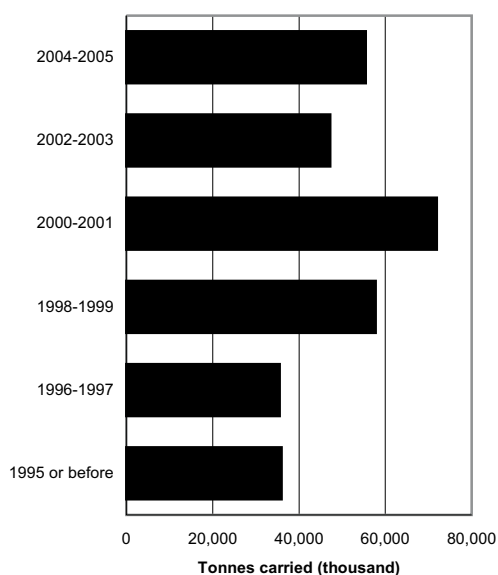
Table B.2

Main use of Vehicle	Number of Vehicles		Relevant Vehicles		Idle Vehicles	
		%		%		%
Hire or Reward	25,772	27.2	24,690	32.3	4,788	20.7
Own Account	69,073	72.8	51,849	67.7	18,300	79.3
<b>Total</b>	<b>94,845</b>	<b>100.0</b>	<b>76,540</b>	<b>100.0</b>	<b>23,088</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.

47% of total activity in terms of tonne-kilometres was performed by vehicles owned by transport businesses. These vehicles transported 28% of the total weight of goods carried and travelled 35% of the total vehicle kilometres. Vehicles owned by transport businesses were responsible for 22% 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	
	<i>million</i>	<i>%</i>	<i>thousand</i>	<i>%</i>	<i>million</i>	<i>%</i>	<i>thousand</i>	<i>%</i>
Transport	8,579	47.3	84,374	27.8	885	34.5	5,448	22.3
Other	9,573	52.7	219,492	72.2	1,681	65.5	19,009	77.7
<b>Total</b>	<b>18,152</b>	<b>100.0</b>	<b>303,866</b>	<b>100.0</b>	<b>2,566</b>	<b>100.0</b>	<b>24,457</b>	<b>100.0</b>

**Size of Vehicles in Fleet**

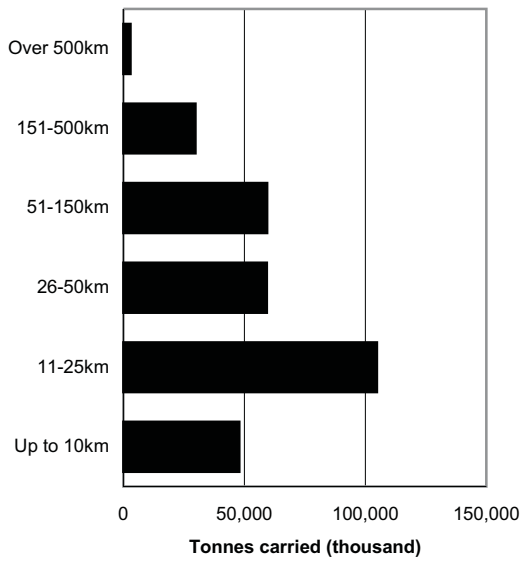
It can be seen from the table below that the smallest vehicles, in the “2 to 5 tonnes” unladen weight category, accounted for almost 48% of the vehicle fleet. However such vehicles were responsible for only 4% of the total weight of goods transported and 3% of activity in terms of tonne-kilometres. Their share of total vehicle kilometres was larger at 23%. Vehicles in the unladen weight category “10 to 12.5 tonnes” accounted for 16% of the vehicle fleet and had the largest share of activity in terms of tonne-kilometres accounting for over 41% of the total. These vehicles were also responsible for 29% of total vehicle kilometres travelled and 41% of total tonnes carried. The largest vehicles, in the category “over 12.5 tonnes” unladen weight, accounted for 11% of the vehicle fleet and transported over a third of the total weight of goods carried. They travelled 22% of total vehicle kilometres and were responsible for 34% 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	
	<i>million</i>	<i>%</i>	<i>thousand</i>	<i>%</i>	<i>million</i>	<i>%</i>	<i>%</i>	<i>%</i>
2-5	595	3.3	10,736	3.5	581	22.6	45,198	47.7
5-7.5	1,187	6.5	13,491	4.4	255	9.9	10,815	11.4
7.5-10	2,714	14.9	41,544	13.7	433	16.9	13,260	14.0
10-12.5	7,506	41.4	124,457	41.0	734	28.6	15,013	15.8
Over 12.5	6,150	33.9	113,637	37.4	564	22.0	10,558	11.1
<b>Total</b>	<b>18,152</b>	<b>100.0</b>	<b>303,866</b>	<b>100.0</b>	<b>2,566</b>	<b>100.0</b>	<b>94,845</b>	<b>100.0</b>

**Age of Fleet**

In 2005, vehicles manufactured from 2002 onwards accounted for 30% of the vehicle fleet. These vehicles transported 34% of the total weight of goods carried, travelled 39% of the total vehicle kilometres and were responsible for 40% of total activity in terms of tonne-kilometres. The oldest vehicles, those manufactured in 1995 or before, accounted for 25% 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 11% of total vehicle kilometres. (See Table E.1 and Chart 7).

**Chart 8: Weight of goods carried by length of haul****Table E.1**

Year of Manufacture	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres		No. of Vehicles	
	<i>million</i>	%	<i>thousand</i>	%	<i>million</i>	%		%
2004 - 2005	3,837	21.2	55,480	18.3	520	20.3	13,682	14.4
2002 - 2003	3,317	18.3	47,241	15.5	480	18.7	14,816	15.6
2000 - 2001	4,434	24.4	71,912	23.7	593	23.1	16,535	17.4
1998 - 1999	3,163	17.4	57,733	19.0	443	17.2	15,089	15.9
1996 - 1997	1,893	10.4	35,540	11.7	259	10.1	10,706	11.3
1995 or before	1,508	8.3	35,960	11.8	272	10.6	24,018	25.4
<b>Total</b>	<b>18,152</b>	<b>100.0</b>	<b>303,866</b>	<b>100.0</b>	<b>2,566</b>	<b>100.0</b>	<b>94,845</b>	<b>100.0</b>

**Length of Haul**

More than half of the total weight of goods carried in 2005 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 11% of total tonne-kilometres. Journeys of 151km or over accounted for 51% of activity in terms of tonne-kilometres and almost a third of vehicle kilometres travelled, but only 11% 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	256	1.4	47,865	15.7	983	38.3
11 to 25 km	1,677	9.3	104,719	34.5	127	5.0
26 to 50 km	2,075	11.4	59,263	19.5	172	6.7
51 to 150 km	4,890	26.9	59,365	19.5	455	17.7
151 to 500 km	6,492	35.8	29,696	9.8	618	24.1
Over 500 km	2,761	15.2	2,957	1.0	210	8.2
<b>Total</b>	<b>18,152</b>	<b>100.0</b>	<b>303,866</b>	<b>100.0</b>	<b>2,566</b>	<b>100.0</b>

Chart 9: Tonnes Carried by Commodity

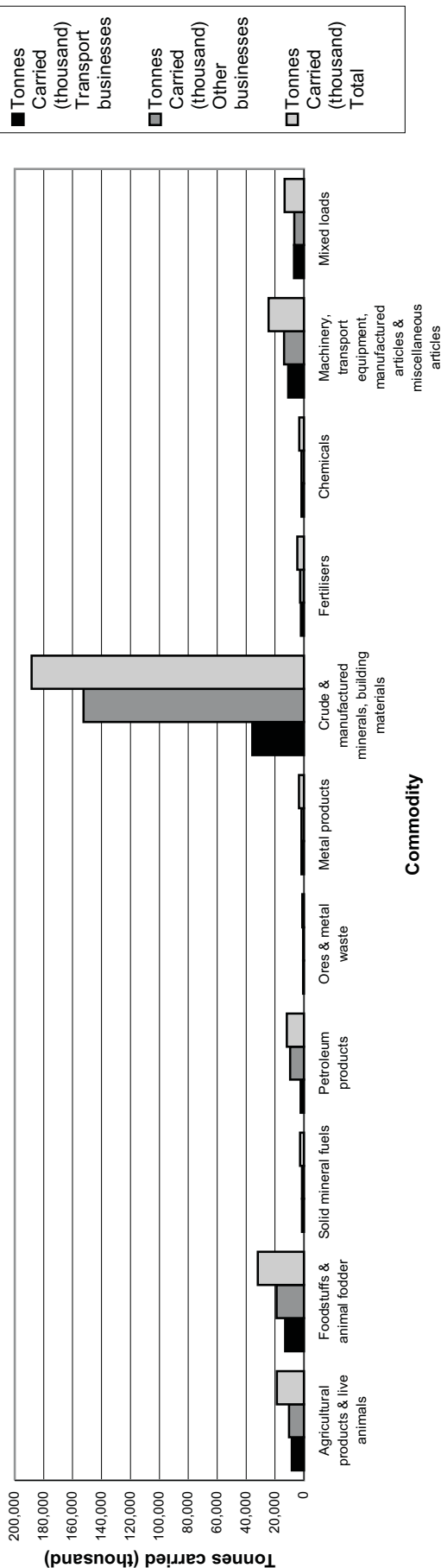
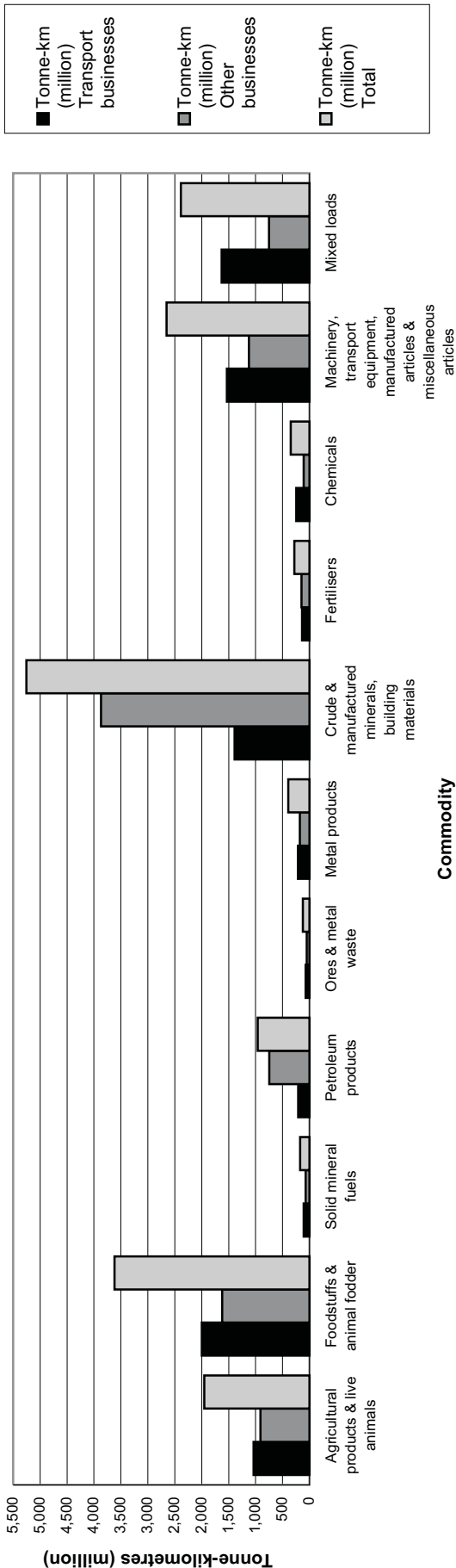


Chart 10: Tonne-Kilometres by Commodity



## 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	1,040	8,425	911	10,265	1,951	18,690
Foodstuffs and Animal						
Fodder	2,000	13,001	1,620	18,900	3,620	31,902
Solid Mineral Fuels	105	1,391	71	1,275	176	2,666
Petroleum Products	212	2,300	748	9,574	960	11,874
Ores and Metal Waste	74	487	49	571	124	1,058
Metal Products	215	1,632	179	1,736	393	3,368
Crude and Manufactured						
Minerals, Building Materials	1,389	35,800	3,867	152,507	5,256	188,308
Fertilisers	136	2,066	146	2,587	282	4,653
Chemicals	244	1,642	106	1,699	350	3,341
Machinery, Transport						
Equipment, Manufactured						
Articles & Miscellaneous						
Articles	1,532	10,794	1,123	13,748	2,656	24,542
Mixed Loads	1,632	6,835	753	6,630	2,385	13,465
<b>Total</b>	<b>8,579</b>	<b>84,374</b>	<b>9,573</b>	<b>219,492</b>	<b>18,152</b>	<b>303,866</b>

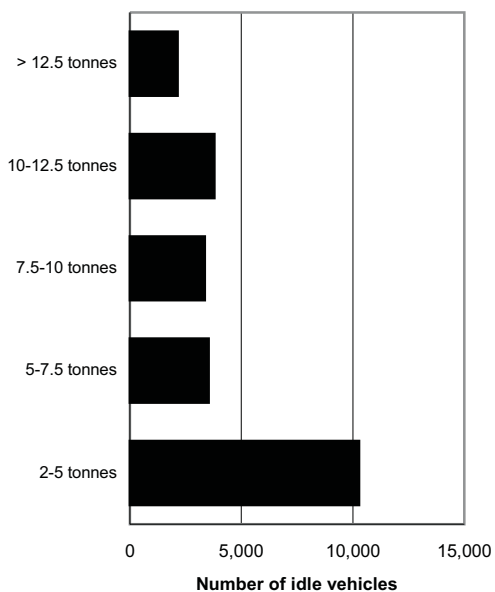
Almost 62% of the total weight of goods carried were in the group *Crude and Manufactured Minerals, Building Materials*. This group accounted for 42% of the weight of goods carried by vehicles owned by transport businesses and 69% of the weight of goods carried by vehicles owned by other businesses. 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

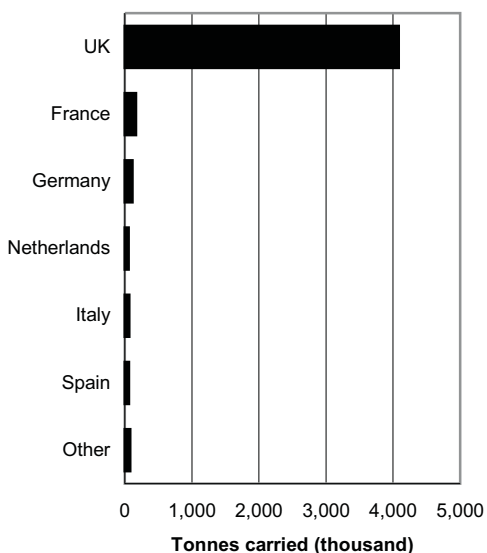
Vehicles were idle for various reasons such as being under repair, no work being available, awaiting resale at vehicle dealers, holidays, etc. Furthermore, some of the old vehicles in the fleet are retained by their owners but used infrequently.

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	45,198	10,276	14,818
5-7.5 tonnes	10,815	3,537	1,325
7.5-10 tonnes	13,260	3,355	1,029
10-12.5 tonnes	15,013	3,786	656
Over 12.5 tonnes	10,558	2,134	478
<b>Total</b>	<b>94,845</b>	<b>23,088</b>	<b>18,305</b>

On average, 24% of the vehicle fleet was idle in any one week during the year. This percentage was largest at 33% for vehicles in the unladen weight category “5 to 7.5 tonnes” and smallest at 20% for vehicles in the unladen weight category “Over 12.5 tonnes”. Vehicles regarded as non-relevant accounted for 19% of the fleet. The unladen weight category “2 to 5 tonnes” had the highest percentage of non-relevant vehicles at 33% while only 4% of vehicles in the unladen weight category “10 to 12.5 tonnes” and 5% of vehicles in the unladen weight category “Over 12.5 tonnes” were non-relevant. (See Table H.1 and Chart 11).

**International Transport**

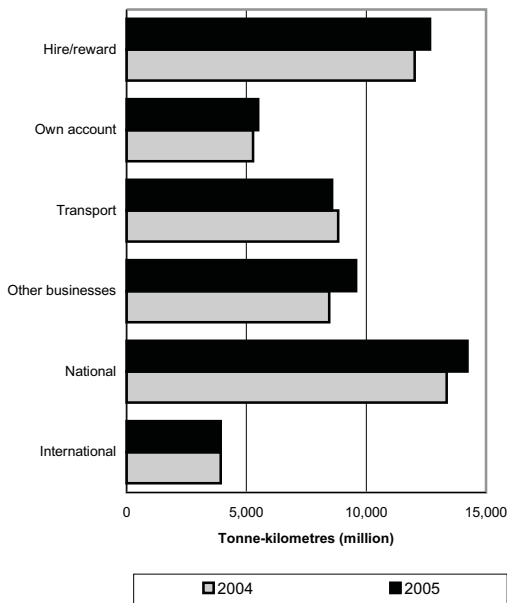
Table I.1 below shows the top countries to which goods were brought from Ireland and from which goods were brought to Ireland by Irish registered goods vehicles. As would be expected the largest share of our international transport is with the UK. Irish goods vehicles transported 4,083 thousand tonnes of goods from the UK to Ireland and 3,253 thousand tonnes of goods to the UK from Ireland. Figures for the UK include transport to and from Northern Ireland. Goods received from the UK accounted for 88% of all tonnage received from abroad and goods dispatched to the UK accounted for 84% of goods transported abroad by Irish goods vehicles. (See Table I.1 and Chart 12).

**Table I.1**

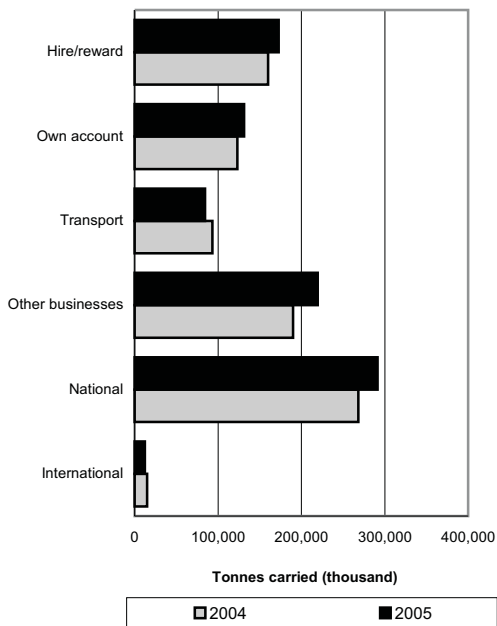
Country	Tonnage Received		Tonnage Dispatched	
	<i>thousand</i>	%	<i>thousand</i>	%
United Kingdom	4,083	88.1	3,253	84.2
France	166	3.6	216	5.6
Germany	113	2.4	90	2.3
Netherlands	59	1.3	47	1.2
Italy	68	1.5	102	2.6
Spain	61	1.3	51	1.3
Other Countries	82	1.8	106	2.8
<b>Total</b>	<b>4,632</b>	<b>100.0</b>	<b>3,865</b>	<b>100.0</b>

## Comparison with 2004 Results

**Chart 13: Activity in terms of tonne-kilometres**



**Chart 14: Weight of goods carried**



Vehicles used mainly for hire or reward transport carried over 172 million tonnes of goods in 2005, an increase of almost 8% on the 2004 figures. Activity in terms of tonne-kilometres for hire or reward transport increased by 5.4% while there was an increase of 6.9% in vehicle kilometres travelled on the 2004 figures. In 2005 vehicles used mainly for hire or reward transport carried 56.8% of the total weight of goods as compared to 56.5% in 2004. The weight of goods carried on own account transport increased by 7% between 2004 and 2005, tonne-kilometres increased by 4% and vehicle kilometres increased by almost 13%.

The weight of goods carried by vehicles owned by transport businesses decreased by 10% between 2004 and 2005. Activity in terms of tonne-kilometres decreased by 3% and vehicle kilometres decreased by 5% on the 2004 figures. Figures for transport of goods by other types of business showed substantial increases. The weight of goods transported by vehicles owned by other businesses increased by 16%, activity in terms of tonne-kilometres increased by 13% and vehicle kilometres increased by 19%. Vehicles owned by transport businesses carried 28% of the total weight of goods transported in 2005 as compared to their 33% share in 2004.

Between 2004 and 2005, the weight of goods carried on national journeys increased by 9% while the weight of goods carried on international journeys showed a decrease of 18%. In 2005, national transport accounted for 96% of the total weight of goods carried, compared with 95% in 2004. National transport activity in terms of tonne-kilometres increased by 7% between 2004 and 2005, while international transport activity showed a slight decrease of 0.1%. Vehicle kilometres travelled on national journeys increased by 12% and vehicle kilometres travelled on international journeys decreased by 3%. (See Table J.1 and Charts 13 and 14).

**Table J.1**

	Owner, Use, National/International		Tonne-Kilometres		Tonnes Carried		Vehicle Kilometers		
	2004	2005	2004	2005	2004	2005	2004	2005	
	<i>million</i>		<i>thousand</i>		<i>thousand</i>		<i>million</i>		
	<i>Change</i>		<i>Change</i>		<i>Change</i>		<i>Change</i>		
<b>Business of Owner</b>									
Transport	8,830	8,579	-2.8	93,231	84,374	-9.5	928	885	-4.6
Other	8,458	9,573	13.2	190,103	219,492	15.5	1414	1,681	18.9
<b>Main Use of Vehicle</b>									
Hire or Reward	12,015	12,662	5.4	160,223	172,689	7.8	1315	1,406	6.9
Own Account	5,273	5,490	4.1	123,110	131,176	6.6	1027	1,159	12.9
<b>National/International</b>									
National	13,357	14,223	6.5	268,323	291,506	8.6	2000	2,235	11.8
International	3,931	3,929	-0.1	15,011	12,360	-17.7	342	331	-3.2
<b>Total</b>	<b>17,288</b>	<b>18,152</b>	<b>5.0</b>	<b>283,334</b>	<b>303,866</b>	<b>7.2</b>	<b>2342</b>	<b>2,566</b>	<b>9.6</b>





## **Chapter 2**

### **Detailed Results**

**Table 1 Transport Activity classified by Business of owner and Main use of vehicle, 2005**

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	8,579	8,579	0	84,374	84,374
Manufacturing industry	1,553	4	1,557	43,975	233	44,208
Mining & quarrying (incl. sand & gravel merchants)	448	4	452	21,067	233	21,300
Creameries & agricultural cooperative societies	87	0	87	1,471	0	1,471
Manufacture of food & feeding stuffs	226	0	226	2,755	0	2,755
Manufacture of drink & tobacco	106	0	106	586	0	586
Manufacture of glass, cement & clay products	389	0	389	14,113	0	14,113
Other manufacturing	298	0	298	3,983	0	3,983
Building & Construction	626	0	626	24,101	0	24,101
Distribution	2,436	3,780	6,216	41,801	82,515	124,317
Agriculture & livestock dealing	165	24	190	2,850	252	3,102
Local Authorities	285	0	285	7,451	0	7,451
Other	424	275	699	10,998	5,315	16,313
<b>Total</b>	<b>5,490</b>	<b>12,662</b>	<b>18,152</b>	<b>131,176</b>	<b>172,689</b>	<b>303,866</b>

**Table 2 Transport Activity classified by Vehicle capacity, National/International journeys and Main use of vehicle, 2005**

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	142	74	215	2,537	921	3,458
5,001 - 10,000	242	129	370	5,613	1,753	7,365
10,001 - 15,000	327	331	657	7,254	4,076	11,330
15,001 - 20,000	815	991	1,805	20,094	17,079	37,173
20,001 - 25,000	110	243	353	1,988	4,050	6,037
25,001 - 35,000	2,706	5,875	8,581	78,331	118,018	196,350
Over 35,000	836	1,405	2,241	12,217	17,576	29,793
Total	5,177	9,046	14,223	128,033	163,473	291,506
<b>International journeys</b>						
<b>Vehicle capacity (kg)</b>						
Up to 5,000	1	0	1	12	0	12
5,001 - 10,000	12	12	25	39	34	74
10,001 - 15,000	14	155	169	64	287	351
15,001 - 20,000	37	485	522	696	1,030	1,726
20,001 - 25,000	7	205	213	98	379	477
25,001 - 35,000	154	2,141	2,295	1,804	6,244	8,048
Over 35,000	87	618	704	431	1,242	1,673
Total	313	3,616	3,929	3,144	9,216	12,360
<b>Total</b>						
<b>Vehicle capacity (kg)</b>						
Up to 5,000	143	74	216	2,548	921	3,470
5,001 - 10,000	254	141	395	5,652	1,787	7,439
10,001 - 15,000	341	486	827	7,318	4,363	11,681
15,001 - 20,000	852	1,475	2,327	20,790	18,109	38,899
20,001 - 25,000	117	448	566	2,085	4,429	6,514
25,001 - 35,000	2,860	8,016	10,876	80,135	124,262	204,398
Over 35,000	923	2,022	2,945	12,648	18,818	31,465
Total	5,490	12,662	18,152	131,176	172,689	303,866

**Table 3 Transport Activity classified by Business of owner, Unladen weight and Main use of vehicle, 2005**

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	80	80	0	895	895
5,001 - 7,500	0	591	591	0	3,749	3,749
7,501 - 10,000	0	1,274	1,274	0	12,383	12,383
10,001 - 12,500	0	4,082	4,082	0	38,815	38,815
Over 12,500	0	2,552	2,552	0	28,532	28,532
<b>Total</b>	<b>0</b>	<b>8,579</b>	<b>8,579</b>	<b>0</b>	<b>84,374</b>	<b>84,374</b>
<b>Other businesses</b>						
<b>Unladen weight (kg)</b>						
2,000 - 5,000	391	125	515	8,127	1,714	9,841
5,001 - 7,500	378	217	595	7,313	2,429	9,742
7,501 - 10,000	887	554	1,440	20,372	8,790	29,161
10,001 - 12,500	1,668	1,756	3,424	45,505	40,137	85,643
Over 12,500	2,167	1,432	3,598	49,860	35,246	85,106
<b>Total</b>	<b>5,490</b>	<b>4,083</b>	<b>9,573</b>	<b>131,176</b>	<b>88,316</b>	<b>219,492</b>
<b>Total</b>						
<b>Unladen weight (kg)</b>						
2,000 - 5,000	391	205	595	8,127	2,609	10,736
5,001 - 7,500	378	809	1,187	7,313	6,178	13,491
7,501 - 10,000	887	1,828	2,714	20,372	21,172	41,544
10,001 - 12,500	1,668	5,838	7,506	45,505	78,952	124,457
Over 12,500	2,167	3,984	6,150	49,860	63,778	113,637
<b>Total</b>	<b>5,490</b>	<b>12,662</b>	<b>18,152</b>	<b>131,176</b>	<b>172,689</b>	<b>303,866</b>

**Table 4 Transport Activity classified by Region of origin and Main use of vehicle, 2005**

Region of Origin	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
Border	638	1,286	1,924	20,568	19,230	39,798
Midland	335	610	945	9,787	11,338	21,125
West	684	741	1,425	18,313	12,579	30,892
Dublin	970	2,100	3,070	20,615	32,312	52,927
Mid-East	569	1,254	1,823	15,033	26,036	41,069
Mid-West	532	1,098	1,630	12,139	17,247	29,386
South-East	671	1,592	2,263	14,610	21,178	35,787
South-West	912	1,765	2,676	17,779	26,608	44,386
Other	179	2,217	2,396	2,333	6,162	8,495
<b>Total</b>	<b>5,490</b>	<b>12,662</b>	<b>18,152</b>	<b>131,176</b>	<b>172,689</b>	<b>303,866</b>

**Table 5 Transport Activity classified by Business of owner, Length of haul and Main use of vehicle, 2005**

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	39	39	0	7,978	7,978
11-25	0	361	361	0	21,996	21,996
26-50	0	573	573	0	15,947	15,947
51-150	0	1,915	1,915	0	21,420	21,420
151-500	0	3,467	3,467	0	14,938	14,938
Over 500	0	2,224	2,224	0	2,094	2,094
Total	0	8,579	8,579	0	84,374	84,374
<b>Other businesses</b>						
<b>Length of haul (km)</b>						
Up to 10	138	79	217	25,222	14,665	39,887
11-25	754	562	1,316	47,679	35,045	82,724
26-50	893	609	1,502	26,079	17,237	43,316
51-150	1,771	1,204	2,975	23,132	14,813	37,945
151-500	1,695	1,330	3,025	8,570	6,188	14,758
Over 500	239	299	537	494	368	862
Total	5,490	4,083	9,573	131,176	88,316	219,492
<b>Total</b>						
<b>Length of haul (km)</b>						
Up to 10	138	118	256	25,222	22,643	47,865
11-25	754	923	1,677	47,679	57,040	104,719
26-50	893	1,182	2,075	26,079	33,184	59,263
51-150	1,771	3,119	4,890	23,132	36,233	59,365
151-500	1,695	4,797	6,492	8,570	21,126	29,696
Over 500	239	2,522	2,761	494	2,462	2,957
Total	5,490	12,662	18,152	131,176	172,689	303,866

**Table 6 Transport Activity classified by Main type of work and Main use of vehicle, 2005**

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>	61	3,957	4,018	347	16,412	16,759
Carriage of livestock	39	104	144	654	1,055	1,709
Carriage of other farm produce from farms	97	253	351	1,505	4,720	6,225
Carriage of fertilisers, feedingstuffs etc. to farms	124	294	417	2,309	3,609	5,918
Delivery of goods to road works or building sites	1,879	2,316	4,195	74,915	82,929	157,844
Delivery of goods to retail outlets	1,096	1,436	2,532	12,566	12,818	25,384
Delivery of goods to wholesalers	405	989	1,393	3,807	8,213	12,020
Delivery of materials and fuels to factories	152	1,062	1,213	2,068	12,811	14,879
Delivery of goods to households	264	53	317	5,805	1,319	7,124
Other work	1,373	2,199	3,572	27,201	28,804	56,005
<b>Total</b>	<b>5,490</b>	<b>12,662</b>	<b>18,152</b>	<b>131,176</b>	<b>172,689</b>	<b>303,866</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, 2005**

Type of Journey	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
National Journeys	5,177	9,046	14,223	128,033	163,473	291,506
International Journeys						
Goods loaded in Ireland	134	1,399	1,533	811	3,054	3,865
Goods unloaded in Ireland	136	1,349	1,485	1,605	3,027	4,632
Cross trade	13	435	448	12	480	492
Cabotage	30	433	463	716	2,655	3,371
Total International	313	3,616	3,929	3,144	9,216	12,360
<b>Total</b>	<b>5,490</b>	<b>12,662</b>	<b>18,152</b>	<b>131,176</b>	<b>172,689</b>	<b>303,866</b>

**Table 8 Transport Activity classified by National/International journeys, Quarter and Main use of vehicle, 2005**

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	1,120	2,143	3,263	27,863	38,157	66,020
April - June	1,432	2,339	3,771	35,968	40,254	76,222
July - September	1,273	2,295	3,568	32,317	44,649	76,966
October - December	1,353	2,269	3,622	31,885	40,412	72,297
<b>Total</b>	<b>5,177</b>	<b>9,046</b>	<b>14,223</b>	<b>128,033</b>	<b>163,473</b>	<b>291,506</b>
<b>International journeys</b>						
January - March	73	977	1,050	615	2,685	3,300
April - June	63	858	921	695	2,330	3,026
July - September	56	972	1,028	443	2,288	2,730
October - December	120	809	929	1,390	1,914	3,304
<b>Total</b>	<b>313</b>	<b>3,616</b>	<b>3,929</b>	<b>3,144</b>	<b>9,216</b>	<b>12,360</b>
<b>Total</b>						
January - March	1,193	3,120	4,313	28,478	40,842	69,320
April - June	1,495	3,197	4,692	36,664	42,584	79,248
July - September	1,330	3,267	4,596	32,759	46,937	79,697
October - December	1,472	3,079	4,551	33,275	42,326	75,601
<b>Total</b>	<b>5,490</b>	<b>12,662</b>	<b>18,152</b>	<b>131,176</b>	<b>172,689</b>	<b>303,866</b>

**Table 9 Transport Activity classified by Group of goods and National/International journeys, 2005**

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	1,477	474	1,951	17,248	1,442	18,690
Foodstuffs & animal fodder	2,503	1,117	3,620	29,344	2,558	31,902
Solid mineral fuels	149	27	176	2,529	137	2,666
Petroleum products	954	6	960	11,825	48	11,874
Ores & metal waste	79	45	124	870	188	1,058
Metal products	315	78	393	3,134	234	3,368
Crude & manufactured minerals, building materials	4,988	268	5,256	184,412	3,896	188,308
Fertilisers	258	24	282	4,477	175	4,653
Chemicals	232	118	350	3,133	209	3,341
Machinery, transport equipment, manufactured articles & miscellaneous articles	1,990	666	2,656	22,921	1,621	24,542
Mixed loads	1,278	1,106	2,385	11,614	1,852	13,465
<b>Total</b>	<b>14,223</b>	<b>3,929</b>	<b>18,152</b>	<b>291,506</b>	<b>12,360</b>	<b>303,866</b>

**Table 10 Transport Activity classified by Group of goods and Main use of vehicle, 2005**

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	428	1,522	1,951	5,025	13,665	18,690
Foodstuffs & animal fodder	868	2,752	3,620	9,876	22,025	31,902
Solid mineral fuels	37	139	176	750	1,916	2,666
Petroleum products	688	273	960	9,065	2,809	11,874
Ores & metal waste	28	96	124	373	685	1,058
Metal products	89	304	393	898	2,470	3,368
Crude & manufactured minerals, building materials	2,157	3,099	5,256	89,217	99,091	188,308
Fertilisers	57	225	282	972	3,680	4,653
Chemicals	37	313	350	551	2,790	3,341
Machinery, transport equipment, manufactured articles & miscellaneous articles	756	1,900	2,656	10,277	14,265	24,542
Mixed loads	345	2,040	2,385	4,172	9,293	13,465
<b>Total</b>	<b>5,490</b>	<b>12,662</b>	<b>18,152</b>	<b>131,176</b>	<b>172,689</b>	<b>303,866</b>

**Table 11 Average Number of vehicles classified by Unladen weight, Year of manufacture and Main use of vehicle, 2005**

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	40,549	4,649	45,198	26,202	4,178	30,380
5,001 - 7,500	7,919	2,895	10,815	6,736	2,754	9,490
7,501 - 10,000	8,319	4,942	13,260	7,444	4,787	12,231
10,001 - 12,500	6,710	8,304	15,013	6,262	8,095	14,358
Over 12,500	5,576	4,982	10,558	5,205	4,876	10,081
<b>Total</b>	<b>69,073</b>	<b>25,772</b>	<b>94,845</b>	<b>51,849</b>	<b>24,690</b>	<b>76,540</b>
<b>Year of manufacture</b>						
2004-2005	9,677	4,005	13,682	6,586	3,878	10,464
2002-2003	11,331	3,485	14,816	7,429	3,286	10,715
2000-2001	11,399	5,136	16,535	8,861	4,998	13,859
1998-1999	10,294	4,795	15,089	8,194	4,666	12,860
1996-1997	7,416	3,290	10,706	5,742	3,188	8,930
1995 or before	18,956	5,062	24,018	15,037	4,675	19,711
<b>Total</b>	<b>69,073</b>	<b>25,772</b>	<b>94,845</b>	<b>51,849</b>	<b>24,690</b>	<b>76,540</b>



**Table 12 Transport Activity classified by Year of manufacture and Main use of vehicle, 2005**

Year of manufacture of vehicle	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
2004-2005	937	2,900	3,837	22,109	33,371	55,480
2002-2003	985	2,331	3,317	20,708	26,533	47,241
2000-2001	1,420	3,015	4,434	32,839	39,073	71,912
1998-1999	913	2,250	3,163	23,666	34,067	57,733
1996-1997	634	1,259	1,893	14,524	21,016	35,540
1995 or before	601	907	1,508	17,330	18,630	35,960
<b>Total</b>	<b>5,490</b>	<b>12,662</b>	<b>18,152</b>	<b>131,176</b>	<b>172,689</b>	<b>303,866</b>

**Table 13 Transport Activity classified by Body type and Main use of vehicle, 2005**

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	265	361	627	5,649	6,576	12,225
Tipper	1,226	1,114	2,339	55,842	52,140	107,982
Tanker or other bulk carrier	334	103	436	6,984	3,567	10,551
Insulated or refrigerated box	132	173	304	2,115	1,271	3,386
Box or van body	431	424	856	5,965	4,268	10,233
Livestock carrier	29	49	78	468	649	1,117
Other	600	920	1,520	16,469	18,948	35,417
Total	3,017	3,144	6,161	93,493	87,419	180,911
<b>Articulated</b>						
Platform or sided	291	1,917	2,207	4,274	14,656	18,930
Tipper	406	1,375	1,781	11,759	26,308	38,067
Tanker or other bulk carrier	640	1,077	1,717	7,643	13,802	21,445
Insulated or refrigerated box	219	1,501	1,720	1,141	4,618	5,758
Box or van body	158	912	1,070	1,178	4,393	5,571
Livestock carrier	7	34	41	112	172	283
Other	751	2,703	3,455	11,578	21,322	32,900
Total	2,472	9,519	11,991	37,684	85,271	122,954
<b>All Vehicles</b>						
Platform or sided	556	2,278	2,834	9,923	21,231	31,155
Tipper	1,632	2,488	4,120	67,601	78,448	146,049
Tanker or other bulk carrier	973	1,180	2,153	14,627	17,369	31,995
Insulated or refrigerated box	350	1,674	2,024	3,256	5,889	9,145
Box or van body	590	1,336	1,926	7,143	8,661	15,805
Livestock carrier	37	83	120	580	821	1,400
Other	1,352	3,623	4,975	28,047	40,270	68,317
Total	5,490	12,662	18,152	131,176	172,689	303,866

**Table 14 Vehicle Kilometres travelled classified by Business of owner and Main use of vehicle, 2005**

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	603	603	0	885	885
Manufacturing industry	158	0	158	280	0	280
Mining & quarrying (incl. sand & gravel merchants)	26	0	26	51	0	51
Creameries & agricultural cooperative societies	8	0	8	14	0	14
Manufacture of food & feeding stuffs	33	0	33	52	0	52
Manufacture of drink & tobacco	6	0	6	8	0	8
Manufacture of glass, cement & clay products	27	0	27	52	0	52
Other manufacturing	58	0	58	103	0	103
Building & Construction	72	0	72	137	0	137
Distribution	345	276	621	551	461	1,013
Agriculture & livestock dealing	27	2	29	51	4	55
Local Authorities	26	0	26	50	0	50
Other	56	38	94	91	56	146
<b>Total</b>	<b>684</b>	<b>920</b>	<b>1,604</b>	<b>1,159</b>	<b>1,406</b>	<b>2,566</b>

**Table 15 Transport Activity classified by National/International Journeys, Axle configuration and Main use of Vehicle, 2005**

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	1,031	740	1,771	20,175	9,985	30,160
3 axle	567	375	941	16,409	9,028	25,437
Other rigid	1,269	1,485	2,754	54,239	64,511	118,750
Rigid + trailer	41	221	261	583	2,003	2,587
Articulated						
3 axle	151	150	301	4,318	2,296	6,614
4 axle	441	800	1,241	11,090	14,282	25,372
5 axle	1,176	4,029	5,206	14,981	47,161	62,142
Other articulated	502	1,246	1,748	6,238	14,206	20,443
Total	5,177	9,046	14,223	128,033	163,473	291,506
<b>International journeys</b>						
Rigid						
2 axle	32	101	132	192	193	385
3 axle	17	104	121	555	281	836
Other rigid	56	65	121	1,310	1,244	2,554
Rigid + trailer	5	54	60	29	173	202
Articulated						
3 axle	5	94	98	26	208	234
4 axle	22	100	123	175	336	511
5 axle	147	2,889	3,036	654	6,066	6,721
Other articulated	28	209	237	203	714	917
Total	313	3,616	3,929	3,144	9,216	12,360
<b>Total</b>						
Rigid						
2 axle	1,062	841	1,903	20,367	10,178	30,544
3 axle	584	479	1,062	16,964	9,309	26,273
Other rigid	1,325	1,549	2,875	55,549	65,756	121,305
Rigid + trailer	46	275	321	612	2,177	2,789
Articulated						
3 axle	156	244	399	4,343	2,504	6,848
4 axle	463	901	1,363	11,265	14,618	25,883
5 axle	1,324	6,919	8,242	15,635	53,228	68,863
Other articulated	530	1,456	1,986	6,440	14,920	21,361
Total	5,490	12,662	18,152	131,176	172,689	303,866

**Table 16 Transport Activity classified by Region of origin and Region of destination, 2005**

Region of Origin	Region of Destination								Total	
	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West		Other
	<b>Tonne-km (million)</b>									
Border	892	87	124	227	96	58	70	64	306	1,924
Midland	87	351	85	111	61	46	76	75	53	945
West	155	41	766	185	31	59	59	32	97	1,425
Dublin	301	147	253	737	416	192	246	467	311	3,070
Mid-East	161	68	68	445	636	72	129	102	143	1,823
Mid-West	35	41	122	137	46	690	127	250	182	1,630
South-East	82	89	50	262	118	98	978	302	284	2,263
South-West	73	81	60	278	89	249	273	1,417	157	2,676
Other	228	37	32	677	136	97	141	138	911	2,396
<b>Total</b>	2,013	943	1,559	3,059	1,628	1,560	2,099	2,847	2,444	18,152
	<b>Tonnes carried (thousand)</b>									
Border	31,771	790	769	2,645	1,608	237	322	202	1,456	39,798
Midland	1,438	13,528	1,662	1,297	1,131	619	893	409	149	21,125
West	1,522	1,052	26,058	913	193	603	262	150	138	30,892
Dublin	2,247	1,393	1,199	32,022	10,635	1,007	1,804	1,805	814	52,927
Mid-East	2,688	1,177	373	10,830	23,177	367	1,773	415	268	41,069
Mid-West	147	470	970	695	319	22,353	1,589	2,650	193	29,386
South-East	414	757	304	1,841	1,567	918	26,949	2,395	642	35,787
South-West	214	382	266	1,079	371	2,332	1,914	37,625	204	44,386
Other	2,325	172	103	1,196	238	156	254	187	3,863	8,495
<b>Total</b>	42,765	19,721	31,704	52,520	39,238	28,592	35,761	45,838	7,728	303,866

**Table 17 Vehicle Kilometres travelled classified by Region of origin and Region of destination, 2005**

Region of Origin	Region of Destination								Total	
	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West		Other
	<b>Vehicle kilometres (million)</b>									
Border	145	13	22	44	21	6	8	10	29	299
Midland	12	55	12	24	12	9	10	8	4	147
West	21	12	132	29	8	14	7	8	7	239
Dublin	48	24	31	165	67	25	47	46	28	481
Mid-East	23	12	8	64	95	9	19	14	12	255
Mid-West	6	8	16	22	10	111	18	37	15	244
South-East	9	11	6	45	18	16	151	33	17	308
South-West	10	9	8	41	14	35	35	223	11	385
Other	20	3	3	49	10	8	14	12	87	207
<b>Total</b>	294	149	239	484	256	233	309	391	211	2,566

**Table 18 Transport Activity classified by Country of origin and Country of destination, 2005**  
-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	0	0	0	0	0	1	1
Belgium	3	0	0	1	0	22	0	0	0	0	0	78
Czech Republic	0	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	10	0	0	0	0	0	25
France	0	0	0	10	0	69	0	0	0	0	0	274
Germany	0	0	0	0	12	46	0	0	0	0	0	210
Hungary	0	0	0	0	0	0	0	0	0	0	0	0
Ireland	40	12	19	105	0	717	0	0	0	0	24	15,756
Italy	0	0	0	0	0	24	0	0	0	0	0	176
Luxembourg	0	0	0	0	0	5	0	0	0	0	0	8
Netherlands	0	0	0	0	0	28	0	0	0	0	0	86
Poland	0	0	0	0	0	0	0	0	0	0	0	7
Portugal	0	0	2	0	0	0	0	0	0	0	0	28
Spain	0	0	0	8	0	14	0	0	0	0	0	181
Sweden	0	0	0	0	0	0	0	0	0	0	0	12
United Kingdom	17	0	0	37	10	443	0	0	0	0	0	1,297
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	2
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	9
<b>Total</b>	60	13	21	161	22	1,378	0	0	0	0	25	18,152

<sup>1</sup> Includes Cyprus, Estonia, Greece, Finland, Lithuania, Malta, Slovakia and Slovenia

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

Table 18 Transport Activity classified by Country of origin and Country of destination, 2005

Country of Origin	Country of Destination									
	Austria	Belgium	Czech Republic	Denmark	France	Germany	Hungary	Ireland	Italy	Luxembourg
	<b>Tonne-km (million)</b>									
Austria	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	9	1	3	40	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	15	0	0
France	0	2	2	0	8	5	0	166	10	0
Germany	0	0	0	0	0	1	0	150	0	0
Hungary	0	0	0	0	0	0	0	0	0	0
Ireland	7	25	8	50	211	120	5	14,223	187	2
Italy	0	4	0	0	10	0	0	138	0	0
Luxembourg	0	0	0	0	0	0	0	0	3	0
Netherlands	0	0	0	0	0	1	0	55	0	0
Poland	0	0	0	0	0	0	0	6	0	0
Portugal	0	0	0	0	0	0	0	26	0	0
Spain	0	0	0	0	19	0	0	141	0	0
Sweden	0	0	0	0	0	0	0	12	0	0
United Kingdom	0	7	0	0	14	24	0	728	17	0
Other EU <sup>1</sup>	0	0	0	0	0	0	0	2	0	0
Other Countries <sup>2</sup>	0	0	0	0	5	0	0	4	0	0
<b>Total</b>	<b>7</b>	<b>38</b>	<b>9</b>	<b>50</b>	<b>276</b>	<b>153</b>	<b>9</b>	<b>15,708</b>	<b>218</b>	<b>2</b>

**Table 19 Weight of goods carried classified by Country of origin and Country of destination, 2005**

Country of Origin	Country of Destination									
	Austria	Belgium	Czech Republic	Denmark	France	Germany	Hungary	Ireland	Italy	Luxembourg
	<b>Tonnes carried (thousand)</b>									
Austria	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	11	4	3	47	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	10	0	0
France	0	10	1	0	26	5	0	166	11	0
Germany	0	0	0	0	0	7	0	113	0	1
Hungary	0	0	0	0	0	0	0	0	0	0
Ireland	5	31	4	29	216	90	3	291,506	102	2
Italy	0	2	0	0	8	0	0	68	1	0
Luxembourg	0	0	0	0	0	0	0	0	3	0
Netherlands	0	2	0	0	0	4	0	59	0	0
Poland	0	0	0	0	0	0	0	3	0	0
Portugal	0	0	0	0	0	0	0	11	0	0
Spain	0	0	0	0	16	0	0	61	0	0
Sweden	0	0	0	0	0	0	0	5	0	0
United Kingdom	0	13	0	0	16	23	0	4,083	11	0
Other EU <sup>1</sup>	0	0	0	0	0	0	0	1	0	0
Other Countries <sup>2</sup>	0	0	0	0	3	0	0	4	0	0
<b>Total</b>	<b>5</b>	<b>58</b>	<b>5</b>	<b>29</b>	<b>296</b>	<b>132</b>	<b>6</b>	<b>296,138</b>	<b>128</b>	<b>3</b>



**Table 19 Weight of goods carried classified by Country of origin and Country of destination, 2005**  
-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	0	0	0	0	0	3	3
Belgium	8	0	0	1	0	43	0	0	0	0	0	116
Czech Republic	0	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	9	0	0	0	0	0	20
France	0	0	0	10	0	101	0	0	0	0	0	330
Germany	0	0	0	0	5	46	0	0	0	0	0	172
Hungary	0	0	0	0	0	0	0	0	0	0	0	0
Ireland	47	8	10	51	0	3,253	0	0	0	15	0	295,371
Italy	0	0	0	0	0	16	0	0	0	0	0	95
Luxembourg	0	0	0	0	0	7	0	0	0	0	0	10
Netherlands	2	0	0	0	0	43	0	0	0	0	0	109
Poland	0	4	0	0	0	0	0	0	0	0	0	7
Portugal	0	0	3	0	0	0	0	0	0	0	0	14
Spain	0	0	0	23	0	6	0	0	0	0	0	107
Sweden	0	0	0	0	0	0	0	0	0	0	0	5
United Kingdom	23	0	0	19	5	3,304	0	0	0	0	0	7,498
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	1
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	7
<b>Total</b>	<b>79</b>	<b>12</b>	<b>13</b>	<b>104</b>	<b>10</b>	<b>6,829</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>303,866</b>

<sup>1</sup> Includes Cyprus, Estonia, Greece, Finland, Lithuania, Malta, 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, 2005**

Country of Origin	Country of Destination									
	Austria	Belgium	Czech Republic	Denmark	France	Germany	Hungary	Ireland	Italy	Luxembourg
	<b>Vehicle kilometres (million)</b>									
Austria	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	1	0	0	3	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	1	0	0
France	0	0	0	0	3	0	0	11	1	0
Germany	0	0	0	0	0	2	0	11	0	0
Hungary	0	0	0	0	0	0	0	0	0	0
Ireland	0	2	1	3	15	9	0	2,235	12	0
Italy	0	0	0	0	1	0	0	9	1	0
Luxembourg	0	0	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	4	0	0
Poland	0	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	1	0	0
Spain	0	0	0	0	1	0	0	8	0	0
Sweden	0	0	0	0	0	0	0	1	0	0
United Kingdom	0	1	0	0	2	2	0	70	1	0
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0	0
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>24</b>	<b>14</b>	<b>1</b>	<b>2,355</b>	<b>15</b>	<b>0</b>

**Table 20 Vehicle Kilometres travelled classified by Country of origin and Country of destination, 2005  
-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	0	0	0
Belgium	0	0	0	0	0	2	0	0	0	0	0	6
Czech Republic	0	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	1	0	0	0	0	0	2
France	0	0	0	1	0	5	0	0	0	0	0	22
Germany	0	0	0	0	1	3	0	0	0	0	0	17
Hungary	0	0	0	0	0	0	0	0	0	0	0	0
Ireland	4	1	1	8	0	66	0	0	0	1	0	2,359
Italy	0	0	0	0	0	2	0	0	0	0	0	13
Luxembourg	0	0	0	0	0	0	0	0	0	0	0	1
Neetherlands	0	0	0	0	0	2	0	0	0	0	0	7
Poland	0	0	0	0	0	0	0	0	0	0	0	1
Portugal	0	0	0	0	0	0	0	0	0	0	0	1
Spain	0	0	0	2	0	1	0	0	0	0	0	12
Sweden	0	0	0	0	0	0	0	0	0	0	0	1
United Kingdom	2	0	0	2	1	43	0	0	0	0	0	122
Other EU <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0
Other Countries <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>13</b>	<b>1</b>	<b>124</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2,566</b>

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

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



# **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 the Environment, Heritage and Local Government 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 2004 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 and 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 K.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 K.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 28,210 vehicles surveyed, a satisfactory return was received in respect of 11,284 vehicles and represented an overall response rate of 40%. 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 L.1:

**Table L.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 1997</b>	2,109	39	3,063	36	3,499	29
<b>1997-2001</b>	2,772	45	2,208	40	5,862	39
<b>After 2001</b>	2,846	48	1,228	43	4,623	44

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 666 returns in addition to the 11,284 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 M.1 below.

**Table M.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	595	6	10,736	6	581	3
5-7.5	1,187	9	13,491	10	255	7
7.5-10	2,714	3	41,544	4	433	3
10-12.5	7,506	2	124,457	4	734	2
Over 12.5	6,150	5	113,637	5	564	4
<b>Total</b>	<b>18,152</b>	<b>1</b>	<b>303,866</b>	<b>1</b>	<b>2,566</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 1997	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	
1997 to 2001	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	
2002 or later	2-5 tonnes	Immaterial	Before 2004	11	7
“	“	“	2004 or later	12	
“	5-10 tonnes	Own Account	Before 2004	13	8
“	“	“	2004 or later	14	
“	“	Hire or Reward	Before 2004	15	
“	“	“	2004 or later	16	
“	10 tonnes or over	Own Account	Before 2004	17	9
“	“	“	2004 or later	18	
“	“	Hire or Reward	Before 2004	19	
“	“	“	2004 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

*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, 2002 (S.I. No. 465 of 2002). 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.

Donal Garvey  
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?

**PLEASE ✓  
APPROPRIATE  
BOX**

Carriage of other persons/companies goods?

Hire to others?

**RECORD OF WORK DONE BY VEHICLE DURING THE WEEK**

- NOTES**
1. Details of all journeys should be recorded as they are made.
  2. Record outward and return journeys on separate lines.
  3. Give details of all empty journeys.
  4. For type of goods carried (column 4) state main commodity; if no main commodity enter "Sundries". If goods are a **dangerous substance** please code product as shown on instruction sheet enclosed.
  5. Weights should be specified in Kgs. If exact weights are not available, please give estimates or specify other units e.g. Litres, Tonnes, Tons, Cubic Metres, Cubic Feet, etc.
  6. If the same journey with a similar load was repeated during the day only one entry is required with the number of such journeys entered in column (12).









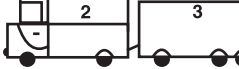






DAY	JOURNEYS		TYPE OF GOODS CARRIED Give full details <i>(See Note 4 above)</i>	WEIGHT OF GOODS CARRIED AT BEGINNING OF JOURNEY  <i>(See Note 5)</i>	Distance Travelled		Complete only for split delivery/ collection journeys				NO. of times the same journey with similar load was carried out during the day
	(Please give nearest town and district)	DESTINATION			LOADED	EMPTY	NO. of stops for collection	WEIGHT of all extra loads collected	NO. of stops for delivery	WEIGHT of all goods delivered	
OF WEEK	ORIGIN  <i>(Include Ferry Route and countries in transit, if appropriate)</i>	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
(1)	(2)			KGS	MILES	MILES	NO.	KGS	NO.	KGS	NO.
MONDAY											
TUESDAY											



**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>
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**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)

