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Road Freight Transport Survey

2008

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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
Commentary

Introduction

This report contains the results of the “National Survey of Transport of Goods by Road” carried out for the year 2008. 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 E.

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 43).

Revisions

In 2008 a more stringent approach was taken towards estimating the active number of goods vehicles. The objective was to improve the overall quality of the results. This approach was applied retrospectively. This has resulted in revisions to the Road Freight Survey data series over the period 1998 to 2007 (revised summary results for this period are presented overleaf in Table A).

Scope of Survey

The report covers the survey period beginning on 1 January 2008 and ending on 31 December 2008. 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 2008

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

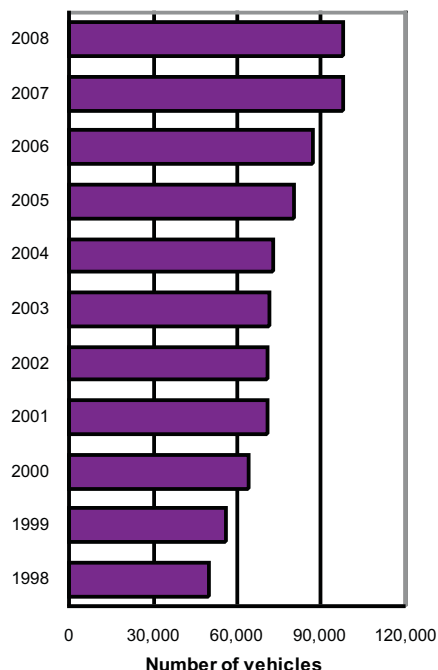
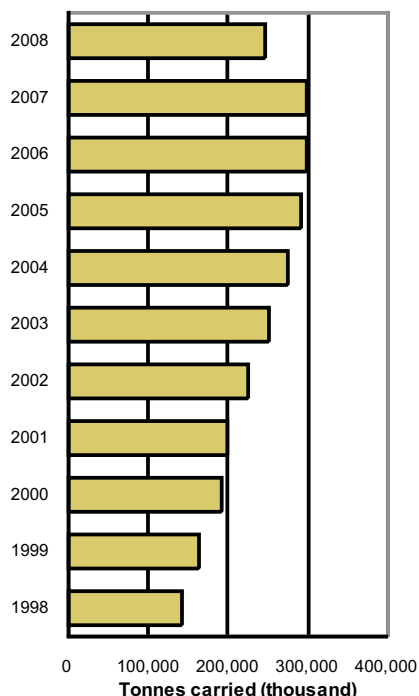


Chart 2: Weight of goods carried by year



In 2008, Irish registered goods vehicles transported a total of 246 million tonnes of goods by road. This represents a decrease of 18% on the previous year and an increase of 73% over the last ten years. Activity in terms of tonne-kilometres decreased by 8% from 18,707 million in 2007 to 17,289 million in 2008. There was an increase of 111% in the figure for tonne kilometres over the ten-year period from 1998 to 2008. A total of 2,207 million vehicle kilometres were travelled in 2008, a decrease of 5% on the 2007 figure of 2,332 million and an increase of 66% on the 1998 figure.

The average number of goods vehicles with an unladen weight of 2 tonnes and over, under current license during 2008 was 97,640, representing a slight decrease of 0.1% on the 2007 figure. The fleet size increased by 95% since 1998. These goods vehicles completed 20 million loaded journeys in 2008, almost 15% less than in 2007 and 49% more than in 1998.

Table A below shows a record of the main figures for the years 1998 to 2008. (See Charts 1 and 2).

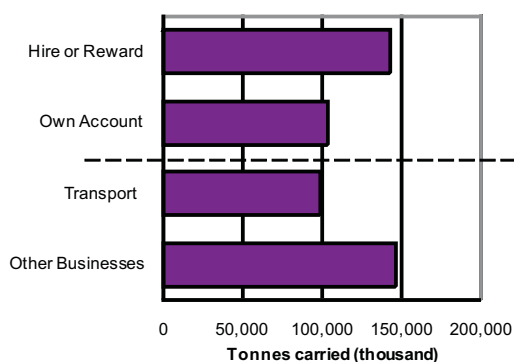
Table A

Year	Tonne-Kilometres <i>million</i>	Tonnes Carried <i>thousand</i>	Vehicle Kilometres <i>million</i>	Average Number of Vehicles <i>number</i>	Laden Journeys <i>thousand</i>
1998	8,184	142,207	1,327	50,033	13,468
1999	10,228	162,355	1,416	56,090	14,014
2000	12,263	191,264	1,595	64,248	15,605
2001	12,291	199,829	1,585	70,825	15,770
2002	14,282	224,907	1,851	71,005	17,621
2003	15,679	251,791	1,966	71,459	19,709
2004	17,011	273,557	2,139	73,075	20,767
2005	17,819	291,883	2,312	79,916	22,425
2006	17,322	299,030	2,242	87,135	23,248
2007	18,707	299,307	2,332	97,752	23,646
2008	17,289	245,788	2,207	97,640	20,085

Data from 1998 to 2007 have been revised since the last publication. For more information see "Changes to Grossing Methodology" page 41)

Main use of Vehicle

Chart 3: Weight of goods carried

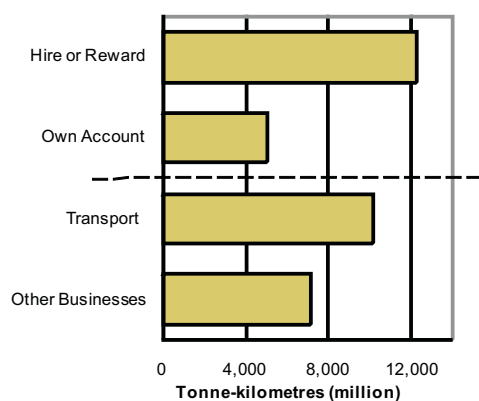


Vehicles used mainly for hire or reward transport of goods were responsible for 58% of the total weight of goods carried in 2008. These vehicles also performed 71% of the total activity in terms of tonne-kilometres and travelled 53% of total vehicle kilometres. Given that these vehicles accounted for only 22% of the fleet size, it is clear that they were used more intensively than those vehicles used mainly for own account transport. (See Table B and Charts 3, 4 and 5).

Table B

Main use of Vehicle	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres		Number of Vehicles	
	<i>million</i>	<i>%</i>	<i>thousand</i>	<i>%</i>	<i>million</i>	<i>%</i>	<i>number</i>	<i>%</i>
Hire or Reward	12,219	70.7	142,587	58.0	1,165	52.8	21,827	22.3
Own Account	5,071	29.3	103,201	42.0	1,042	47.2	75,813	77.7
Total	17,289	100.0	245,788	100.0	2,207	100.0	97,640	100.0

Chart 4: Activity in tonne-kilometres



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 2008, vehicles owned by transport businesses performed 59% of the total activity in terms of tonne-kilometres. These vehicles transported 40% of the total weight of goods carried and travelled 41% of the total vehicle kilometres. Vehicles owned by transport businesses were responsible for 29% of all laden journeys. (See Table C and Charts 3, 4 and 5).

Chart 5: Vehicle kilometres travelled

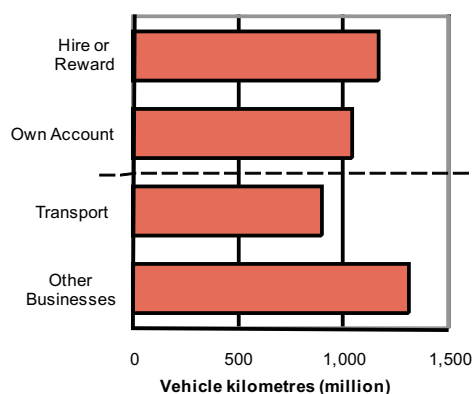
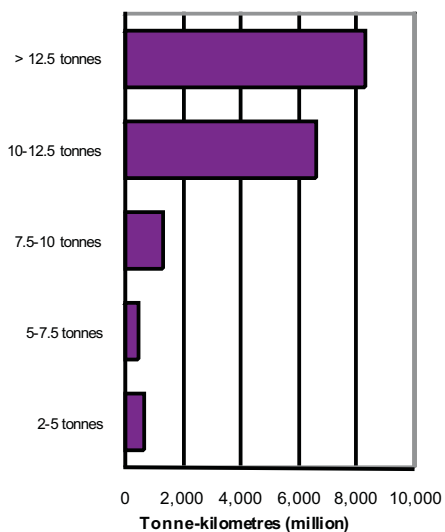


Table C

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	10,115	58.5	99,385	40.4	899	40.7	5,761	28.7
Other	7,174	41.5	146,403	59.6	1,308	59.3	14,324	71.3
Total	17,289	100.0	245,788	100.0	2,207	100.0	20,085	100.0

Size of Vehicles in Fleet

Chart 6: Activity in tonne-kilometres by unladen weight

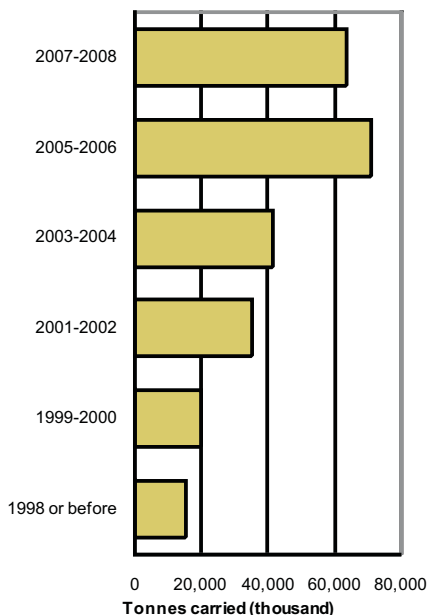


It can be seen from the table below that the smallest vehicles, in the “2 to 5 tonnes” unladen weight category, accounted for 58% of the vehicle fleet. However such vehicles were responsible for only 4% of the total weight of goods transported and 4% of activity in terms of tonne-kilometres. Their share of total vehicle kilometres was larger at 24%. Vehicles in the unladen weight category “10 to 12.5 tonnes” accounted for 13% of the vehicle fleet and were responsible for 38% of activity in terms of tonne-kilometres. These vehicles were also responsible for 26% of total vehicle kilometres travelled and 35% of total tonnes carried. The largest vehicles, in the category “over 12.5 tonnes” unladen weight, accounted for 14% of the vehicle fleet and transported 50% of the total weight of goods carried. They travelled 33% of total vehicle kilometres and had the largest share of activity in terms of tonne-kilometres accounting for 48% of the total. (See Table D and Chart 6).

Table D

Unladen Weight (tonnes)	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres		No. of Vehicles	
	million	%	thousand	%	million	%	number	%
2-5	662	3.8	9,367	3.8	532	24.1	56,948	58.3
5-7.5	477	2.8	5,657	2.3	142	6.4	6,903	7.1
7.5-10	1,301	7.5	20,523	8.3	224	10.2	8,006	8.2
10-12.5	6,577	38.0	86,454	35.2	577	26.1	12,316	12.6
Over 12.5	8,273	47.9	123,787	50.4	732	33.2	13,468	13.8
Total	17,289	100.0	245,788	100.0	2,207	100.0	97,640	100.0

Chart 7: Weight of goods carried by year of manufacture of vehicle



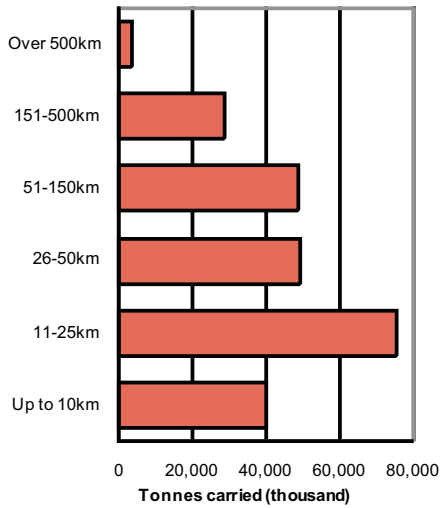
Age of Fleet

In 2008, vehicles manufactured from 2005 onwards accounted for 44% of the vehicle fleet. These vehicles transported 55% of the total weight of goods carried, travelled 55% of the total vehicle kilometres and were responsible for 58% of total activity in terms of tonne-kilometres. The oldest vehicles, those manufactured in 1998 or before, accounted for 15% of the vehicle fleet but were not used as intensively as the newer vehicles. They were responsible for only 4% of total activity in tonne-kilometres. They transported 6% of the total weight of goods carried and travelled 5% of total vehicle kilometres. (See Table E and Chart 7).

Table E

Year of Manufacture	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres		No. of Vehicles	
	million	%	thousand	%	million	%	number	%
2007-2008	4,814	27.9	63,270	25.7	607	27.5	20,811	21.3
2005-2006	5,244	30.3	71,157	29.0	611	27.7	22,089	22.6
2003-2004	2,944	17.0	41,316	16.8	376	17.0	15,718	16.1
2001-2002	2,521	14.6	35,358	14.4	332	15.1	14,669	15.0
1999-2000	1,087	6.3	19,641	8.0	163	7.4	9,410	9.7
1998 or before	679	3.9	15,046	6.1	117	5.3	14,943	15.3
Total	17,289	100.0	245,788	100.0	2,207	100.0	97,640	100.0

Chart 8: Weight of goods carried by length of haul



Length of Haul

In 2008, almost 47% of the total weight of goods carried was transported on journeys of 25 km or less. Some 41% of total vehicle kilometres were travelled on these short journeys, but they accounted for only 9% of total tonne-kilometres. Journeys of 151km or over accounted for 57% of activity in terms of tonne-kilometres and 36% of vehicle kilometres travelled, but only 13% of the total weight of goods carried. (See Table F and Chart 8).

Table F

Length of Haul	Tonne-Kilometres		Tonnes Carried		Vehicle Kilometres	
	<i>million</i>	%	<i>thousand</i>	%	<i>million</i>	%
Up to 10 km	247	1.4	40,064	16.3	793	35.9
11 to 25 km	1,309	7.6	75,288	30.6	102	4.6
26 to 50 km	1,784	10.3	49,366	20.1	146	6.6
51 to 150 km	4,063	23.5	48,666	19.8	381	17.3
151 to 500 km	6,420	37.1	28,679	11.7	591	26.8
Over 500 km	3,466	20.1	3,726	1.5	194	8.8
Total	17,289	100.0	245,788	100.0	2,207	100.0

Chart 9: Tonnes Carried by Commodity

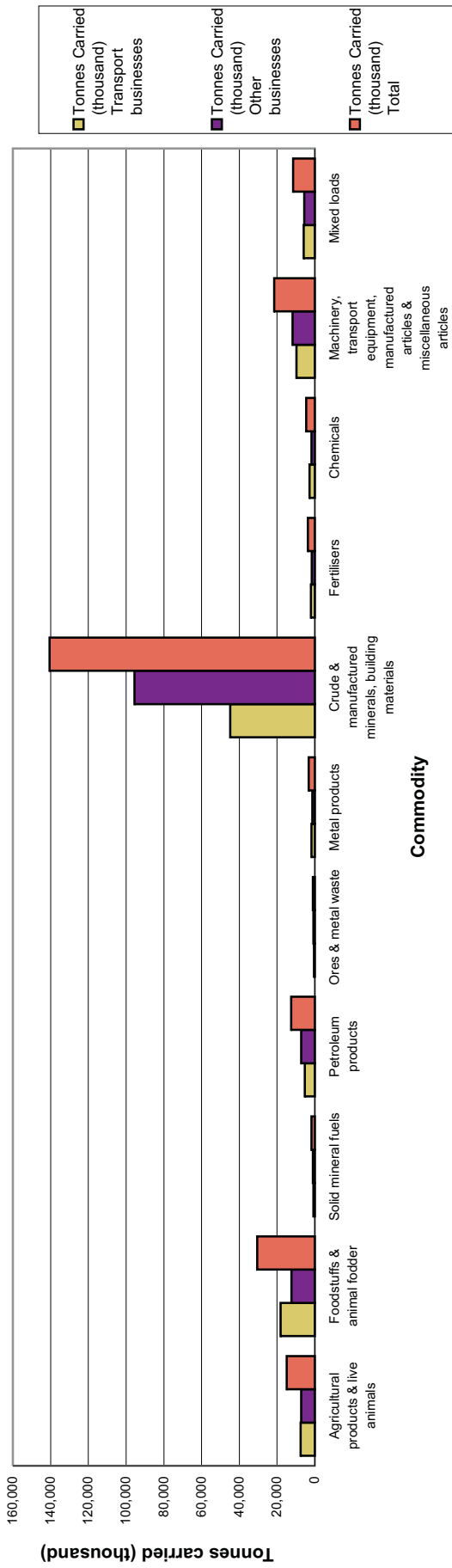
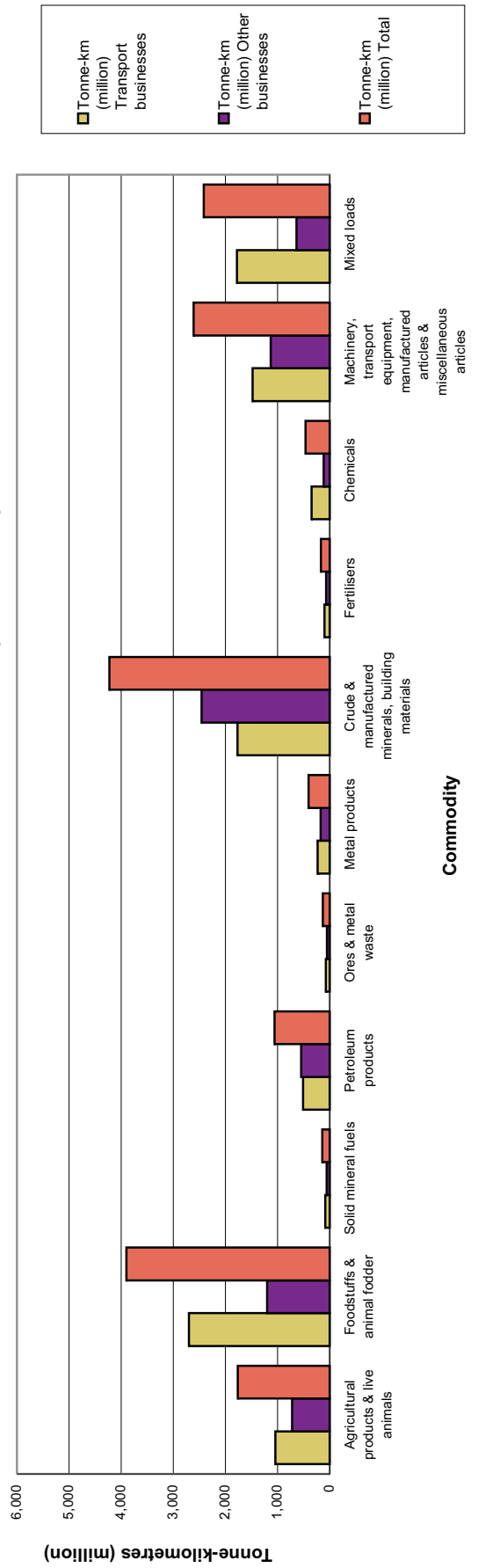


Chart 10: Tonne-Kilometres by Commodity



Commodity Transported

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

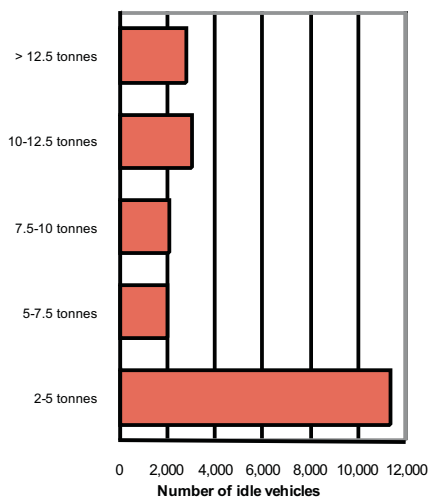
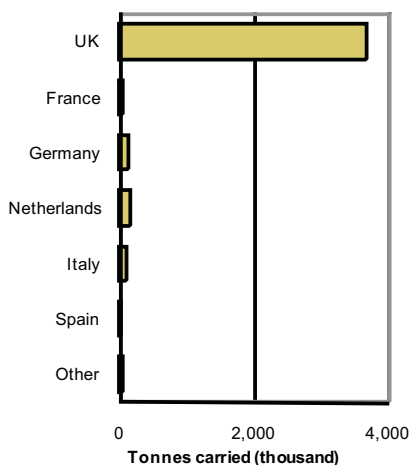
Commodity	Tonne-Kilometres	Tonnes Carried	Vehicle Kilometres
	<i>million</i>	<i>thousand</i>	<i>million</i>
Agricultural products & live animals	1,764	14,833	128
Foodstuffs & animal fodder	3,902	30,474	323
Solid mineral fuels	143	1,783	9
Petroleum products	1,059	12,554	52
Ores & metal waste	131	1,061	8
Metal products	405	3,203	35
Crude & manufactured minerals, building materials	4,226	140,492	235
Fertilisers	171	3,705	8
Chemicals	463	4,554	34
Machinery, transport equipment, manufactured articles & miscellaneous articles	2,609	21,560	1,142
Mixed loads	2,415	11,569	233
Total	17,289	245,788	2,207

Over 57% of the total weight of goods carried were in the group *Crude and Manufactured Minerals, Building Materials*. It was also the largest group in terms of tonne-kilometres but with a much smaller 24% share of the total. The second largest group in terms of tonne-kilometres was *Foodstuffs and Animal Fodder*, which accounted for 23% of total tonne-kilometres. This group accounted for only 12% of the total weight of goods carried. (See *Table G 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* and capable of carrying freight, upon surveying are found to be used exclusively 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**

Unladen Weight	Number of Vehicles	Number of Idle Vehicles	Number of Non-Relevant Vehicles
2-5 tonnes	56,948	11,327	26,181
5-7.5 tonnes	6,903	1,950	1,579
7.5-10 tonnes	8,006	2,061	1,168
10-12.5 tonnes	12,316	3,025	955
Over 12.5 tonnes	13,468	2,765	813
Total	97,640	21,129	30,697

On average, 22% 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 20% for vehicles in the unladen weight category “2 to 5 tonnes”. Vehicles regarded as non-relevant accounted for 31% of the fleet. The unladen weight category “2 to 5 tonnes” had the highest percentage of non-relevant vehicles at 46% while only 8% 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 and Chart 11).

International Transport

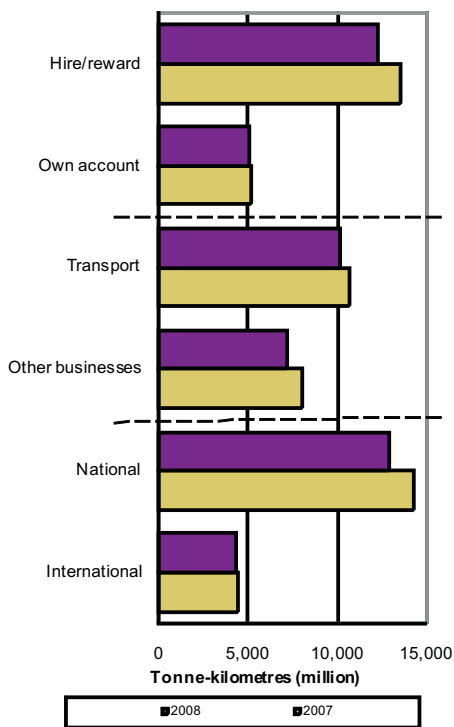
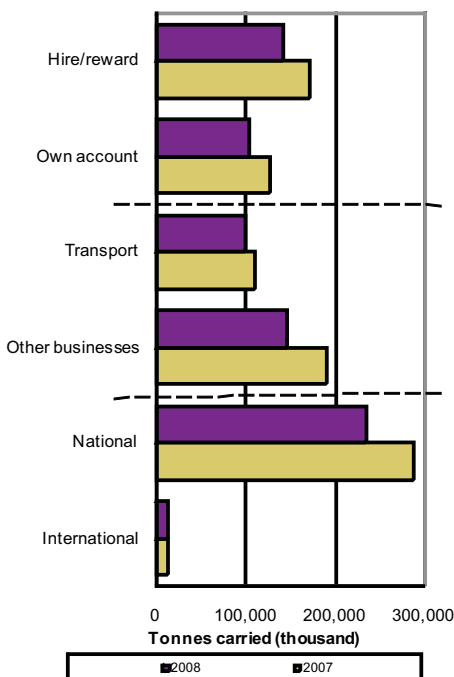
Table I below shows the top countries to which goods were brought from Ireland and from which goods were brought to Ireland by Irish registered goods vehicles. As would be expected, the largest share of our international transport is with the UK. Irish goods vehicles transported 3,659 thousand tonnes of goods from the UK to Ireland and 3,413 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% (2,257 thousand tonnes) of UK traffic and goods dispatched to Northern Ireland accounted for 68% (2,304 thousand tonnes) of UK traffic. (See Table I and Chart 12).

Table I

Country	Tonnage Received		Tonnage Dispatched	
	<i>thousand</i>	<i>%</i>	<i>thousand</i>	<i>%</i>
United Kingdom	3,659	87.3	3,413	82.4
(of which Northern Ireland)	(2,257)	(53.8)	(2,304)	(55.6)
France	59	1.4	225	5.4
Germany	129	3.1	147	3.6
Netherlands	162	3.9	137	3.3
Italy	99	2.3	80	1.9
Spain	32	0.8	50	1.2
Other Countries	51	1.2	93	2.2
Total	4,191	100.0	4,144	100.0

Comparison with 2007 Results

Vehicles used mainly for hire or reward transport carried 143 million tonnes of goods in 2008, a decrease of 17% on the 2007 figures. Activity in terms of tonne-kilometres for hire or reward transport decreased by 9% while there was a decrease of 7% in vehicle kilometres travelled on the 2007 figures. In 2008 vehicles used mainly for hire or reward transport carried 58% of the total weight of goods as compared to 57% in 2007. The weight of goods carried on own account transport decreased by 19%

Chart 13: Activity in terms of tonne-kilometres**Chart 14: Weight of goods carried**

between 2007 and 2008, tonne-kilometres decreased by 3% and vehicle kilometres decreased by 3%.

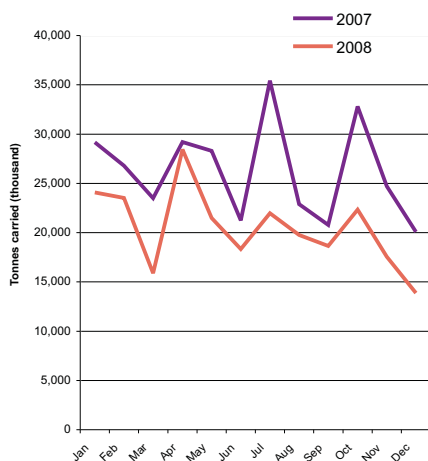
The weight of goods carried by vehicles owned by transport businesses decreased by 9% between 2007 and 2008. Activity in terms of tonne-kilometres decreased by 5% and vehicle kilometres decreased by 4% on the 2007 figures. Figures for transport of goods by other types of business also showed substantial decreases. The weight of goods transported by vehicles owned by other businesses decreased by 23%, activity in terms of tonne-kilometres decreased by 11% and vehicle kilometres decreased by 6%. Vehicles owned by transport businesses carried 40% of the total weight of goods transported in 2008 as compared to their 36% share in 2007.

Between 2007 and 2008, the weight of goods carried on national journeys decreased by 19% while the weight of goods carried on international journeys showed an increase of 3%. In 2008, national transport accounted for 95% of the total weight of goods carried compared with 96% in 2007. National transport activity in terms of tonne-kilometres decreased by 9% between 2007 and 2008, while international transport activity decreased by 3%. Vehicle kilometres travelled on national journeys decreased by 7% and vehicle kilometres travelled on international journeys increased by 3%. (See Table J and Charts 13 and 14).

Table J

Owner, Use, National/ International	Tonne- Kilometres			Tonnes Carried			Vehicle Kilometres		
	2007	2008	Change	2007	2008	Change	2007	2008	Change
	million			thousand			million		
Business of Owner									
Transport	10,669	10,115	-5.2	108,855	99,385	-8.7	935	899	-3.9
Other	8,038	7,174	-10.7	190,452	146,403	-23.1	1,397	1,308	-6.4
Main Use of Vehicle									
Hire or Reward	13,485	12,219	-9.4	171,853	142,587	-17.0	1,257	1,165	-7.3
Own Account	5,222	5,071	-2.9	127,453	103,201	-19.0	1,075	1,042	-3.1
Journey									
National	14,219	12,934	-9.0	287,645	233,775	-18.7	2,045	1,912	-6.5
International	4,488	4,355	-3.0	11,661	12,013	3.0	287	295	2.8
Total	18,707	17,289	-7.6	299,307	245,788	-17.9	2,332	2,207	-5.4

Chart 15: Weight of goods carried by month of year



Vehicle use by month

The highest percentage of tonnes carried in 2008 was in the month of April when 12% of the total tonnage for the year was transported. During this month Irish registered goods vehicles were responsible for 9% of the total tonne-kilometres and 10% of the total vehicle kilometres travelled. The highest number of laden journeys (2.2 million) was also carried out during April. December had the smallest share of the total tonnes carried for the year at 6%. Vehicles in December travelled 7% of the total vehicle kilometres for 2008 and were responsible for 7% of the total in terms of tonne-kilometres. (See Table K and Chart 15).

Table K

Month	Tonne-Kilometres	Tonnes Carried	Vehicle Kilometres	Number of Loaded Journeys
	<i>million</i>	<i>thousand</i>	<i>million</i>	<i>thousand</i>
January	1,525	24,065	194	1,882
February	1,447	23,504	191	1,843
March	1,212	15,876	159	1,434
April	1,557	28,444	213	2,269
May	1,547	21,474	182	1,715
June	1,711	18,325	185	1,517
July	1,531	21,957	201	1,684
August	1,260	19,768	165	1,596
September	1,299	18,632	188	1,668
October	1,742	22,331	208	1,759
November	1,233	17,551	162	1,484
December	1,225	13,861	157	1,233
Total	17,289	245,788	2,207	20,085

Chapter 2

Tables

Table 1 Transport Activity classified by Business of owner and Main use of vehicle, 2008

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	10,115	10,115	0	99,385	99,385
Manufacturing industry	1,481	2	1,483	36,835	13	36,848
Mining & quarrying (incl. sand & gravel merchants)	452	0	452	17,424	0	17,424
Creameries & agricultural cooperative societies	56	0	56	1,226	0	1,226
Manufacture of food & feeding stuffs	217	0	217	2,199	0	2,199
Manufacture of drink & tobacco	130	0	130	850	0	850
Manufacture of glass, cement & clay products	335	0	335	12,278	0	12,278
Other manufacturing	291	2	293	2,858	13	2,872
Building & Construction	434	0	434	17,289	0	17,289
Distribution	2,148	1,688	3,836	30,475	35,561	66,035
Agriculture & livestock dealing	183	21	203	3,467	107	3,574
Local Authorities	111	0	111	3,733	0	3,733
Other	715	393	1,108	11,401	7,521	18,922
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 2 Transport Activity classified by Vehicle capacity, National/International journeys and Main use of vehicle, 2008

Type of Journey and Vehicle Capacity	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
National journeys						
Vehicle capacity (kg)						
Up to 5,000	172	41	213	3,119	555	3,674
5,001 - 10,000	233	131	364	4,640	2,038	6,678
10,001 - 15,000	317	387	703	4,377	4,415	8,792
15,001 - 20,000	1,012	941	1,953	20,347	21,067	41,414
20,001 - 25,000	326	653	979	8,363	9,446	17,809
25,001 - 35,000	1,475	4,011	5,486	43,718	70,352	114,070
Over 35,000	1,231	2,005	3,236	16,107	25,232	41,339
Total	4,767	8,167	12,934	100,671	133,105	233,775
International journeys						
Vehicle capacity (kg)						
Up to 5,000	1	0	1	9	1	10
5,001 - 10,000	7	1	8	63	5	69
10,001 - 15,000	36	147	182	215	393	608
15,001 - 20,000	41	369	410	571	732	1,303
20,001 - 25,000	62	492	554	121	888	1,009
25,001 - 35,000	51	1,513	1,564	1,007	4,529	5,536
Over 35,000	106	1,529	1,635	544	2,935	3,479
Total	304	4,051	4,355	2,530	9,483	12,013
Total						
Vehicle capacity (kg)						
Up to 5,000	173	41	214	3,128	556	3,684
5,001 - 10,000	241	132	372	4,704	2,043	6,746
10,001 - 15,000	352	534	886	4,591	4,808	9,399
15,001 - 20,000	1,053	1,310	2,363	20,918	21,800	42,717
20,001 - 25,000	388	1,145	1,533	8,484	10,334	18,818
25,001 - 35,000	1,526	5,524	7,050	44,725	74,880	119,605
Over 35,000	1,337	3,534	4,871	16,651	28,167	44,818
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 3 Transport Activity classified by Business of owner, Unladen weight and Main use of vehicle, 2008

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
Transport						
Unladen weight (kg)						
2,000 - 5,000	0	34	34	0	553	553
5,001 - 7,500	0	151	151	0	1,405	1,405
7,501 - 10,000	0	588	588	0	6,673	6,673
10,001 - 12,500	0	4,584	4,584	0	38,478	38,478
Over 12,500	0	4,758	4,758	0	52,277	52,277
Total	0	10,115	10,115	0	99,385	99,385
Other businesses						
Unladen weight (kg)						
2,000 - 5,000	561	66	627	7,990	824	8,814
5,001 - 7,500	274	51	325	3,258	994	4,252
7,501 - 10,000	523	191	714	11,020	2,830	13,850
10,001 - 12,500	1,176	817	1,993	30,030	17,946	47,976
Over 12,500	2,537	978	3,515	50,902	20,609	71,510
Total	5,071	2,103	7,174	103,201	43,202	146,403
Total						
Unladen weight (kg)						
2,000 - 5,000	561	100	662	7,990	1,376	9,367
5,001 - 7,500	274	202	477	3,258	2,399	5,657
7,501 - 10,000	523	778	1,301	11,020	9,503	20,523
10,001 - 12,500	1,176	5,401	6,577	30,030	56,424	86,454
Over 12,500	2,537	5,736	8,273	50,902	72,885	123,787
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 4 Transport Activity classified by Region of origin and Main use of vehicle, 2008

Region of Origin	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
Border	451	1,076	1,527	9,698	12,620	22,318
Midland	464	648	1,112	13,798	10,920	24,718
West	498	707	1,205	11,088	10,853	21,941
Dublin	1,032	2,241	3,273	16,848	28,980	45,828
Mid-East	521	1,001	1,522	14,533	18,373	32,906
Mid-West	484	1,030	1,513	11,119	12,581	23,700
South-East	811	1,354	2,165	11,532	17,701	29,233
South-West	652	1,783	2,435	12,742	24,534	37,276
Other	158	2,379	2,537	1,842	6,026	7,868
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 5 Transport Activity classified by Business of owner, Length of haul and Main use of vehicle, 2008

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
Transport						
Length of haul (km)						
Up to 10	0	74	74	0	11,788	11,788
11-25	0	412	412	0	23,947	23,947
26-50	0	719	719	0	19,233	19,233
51-150	0	2,136	2,136	0	24,454	24,454
151-500	0	4,071	4,071	0	17,080	17,080
Over 500	0	2,704	2,704	0	2,884	2,884
Total	0	10,115	10,115	0	99,385	99,385
Other businesses						
Length of haul (km)						
Up to 10	126	47	174	21,297	6,979	28,276
11-25	616	281	897	34,581	16,760	51,341
26-50	732	333	1,065	20,768	9,366	30,134
51-150	1,395	533	1,927	17,712	6,500	24,212
151-500	1,646	703	2,349	8,236	3,364	11,599
Over 500	556	206	762	608	234	841
Total	5,071	2,103	7,174	103,201	43,202	146,403
Total						
Length of haul (km)						
Up to 10	126	121	247	21,297	18,767	40,064
11-25	616	692	1,309	34,581	40,707	75,288
26-50	732	1,052	1,784	20,768	28,598	49,366
51-150	1,395	2,669	4,063	17,712	30,954	48,666
151-500	1,646	4,774	6,420	8,236	20,444	28,679
Over 500	556	2,910	3,466	608	3,118	3,726
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 6 Transport Activity classified by Main type of work and Main use of vehicle, 2008

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 ¹	160	4,266	4,425	1,132	14,115	15,247
Carriage of livestock	61	67	127	579	771	1,350
Carriage of other farm produce from farms	108	310	418	2,051	4,982	7,033
Carriage of fertilisers, feeding stuffs etc. to farms	152	294	446	2,702	3,739	6,441
Delivery of goods to road works or building sites	1,451	1,930	3,380	56,514	63,473	119,987
Delivery of goods to retail outlets	1,088	1,470	2,557	11,318	13,263	24,581
Delivery of goods to wholesalers	382	1,072	1,454	2,758	10,066	12,824
Delivery of materials and fuels to factories	387	1,070	1,457	2,262	11,169	13,431
Delivery of goods to households	200	31	231	3,468	718	4,187
Other work	1,082	1,710	2,792	20,417	20,291	40,708
Total	5,071	12,219	17,289	103,201	142,587	245,788

¹Includes 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, 2008

Type of Journey	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
National Journeys	4,767	8,167	12,934	100,671	133,105	233,775
International Journeys						
Goods loaded in Ireland	146	1,672	1,818	688	3,456	4,144
Goods unloaded in Ireland	141	1,430	1,570	991	3,200	4,191
Cross trade	3	390	392	5	393	398
Cabotage	15	560	575	846	2,434	3,279
Total International	305	4,052	4,357	2,530	9,483	12,012
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 8 Transport Activity classified by National/International journeys, Quarter and Main use of vehicle, 2008

National/International and Quarter	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
National journeys						
January - March	1,054	2,136	3,191	25,800	37,826	63,626
April - June	1,569	2,179	3,748	30,481	34,827	65,308
July - September	1,020	2,024	3,044	23,926	33,470	57,395
October - December	1,123	1,828	2,951	20,464	26,982	47,445
Total	4,767	8,167	12,934	100,671	133,105	233,775
International journeys						
January - March	97	1,093	1,191	562	2,378	2,940
April - June	74	1,157	1,231	858	2,869	3,727
July - September	19	907	927	135	2,330	2,465
October - December	114	893	1,007	975	1,907	2,882
Total	304	4,051	4,355	2,530	9,483	12,013
Total						
January - March	1,152	3,230	4,381	26,362	40,204	66,566
April - June	1,643	3,336	4,979	31,339	37,696	69,035
July - September	1,040	2,931	3,971	24,060	35,799	59,860
October - December	1,236	2,722	3,958	21,439	28,888	50,327
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 9 Transport Activity classified by Group of goods and National/International journeys, 2008

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	1,284	480	1,764	13,318	1,516	14,833
Foodstuffs & animal fodder	2,571	1,331	3,902	27,711	2,763	30,474
Solid mineral fuels	99	44	143	1,613	170	1,783
Petroleum products	1,024	35	1,059	12,098	456	12,554
Ores & metal waste	84	46	131	908	153	1,061
Metal products	330	75	405	2,817	386	3,203
Crude & manufactured minerals, building materials	3,986	240	4,226	137,742	2,749	140,492
Fertilisers	151	20	171	3,639	66	3,705
Chemicals	288	175	463	4,261	292	4,554
Machinery, transport equipment, manufactured articles & miscellaneous articles	1,949	660	2,609	19,945	1,614	21,560
Mixed loads	1,168	1,247	2,415	9,723	1,846	11,569
Total	12,934	4,355	17,289	233,775	12,013	245,788

Table 10 Transport Activity classified by Group of goods and Main use of vehicle, 2008

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	501	1,263	1,764	5,123	9,710	14,833
Foodstuffs & animal fodder	838	3,065	3,902	8,784	21,691	30,474
Solid mineral fuels	28	115	143	622	1,161	1,783
Petroleum products	460	598	1,059	6,210	6,344	12,554
Ores & metal waste	49	81	131	533	528	1,061
Metal products	137	268	405	1,130	2,073	3,203
Crude & manufactured minerals, building materials	1,635	2,592	4,226	65,100	75,391	140,492
Fertilisers	60	111	171	1,352	2,353	3,705
Chemicals	83	380	463	1,039	3,515	4,554
Machinery, transport equipment, manufactured articles & miscellaneous articles	968	1,641	2,609	9,971	11,589	21,560
Mixed loads	311	2,104	2,415	3,336	8,233	11,569
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 11 Average Number of vehicles classified by Unladen weight, Year of manufacture and Main use of vehicle, 2008

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
Unladen weight (kg)						
2,000 - 5,000	52,558	4,390	56,948	27,379	3,388	30,767
5,001 - 7,500	5,665	1,238	6,903	4,191	1,132	5,323
7,501 - 10,000	5,508	2,498	8,006	4,595	2,243	6,837
10,001 - 12,500	5,571	6,745	12,316	4,846	6,515	11,361
Over 12,500	6,511	6,957	13,468	5,814	6,840	12,654
Total	75,813	21,827	97,640	46,825	20,118	66,943
Year of manufacture						
2007-2008	16,035	4,776	20,811	9,360	4,237	13,597
2005-2006	16,498	5,591	22,089	9,059	5,148	14,207
2003-2004	12,151	3,567	15,718	7,295	3,371	10,667
2001-2002	11,144	3,525	14,669	7,874	3,323	11,197
1999-2000	7,286	2,124	9,410	4,892	2,063	6,955
1998 or before	12,699	2,244	14,943	8,346	1,976	10,321
Total	75,813	21,827	97,640	46,825	20,118	66,943

Table 12 Transport Activity classified by Year of manufacture and Main use of vehicle, 2008

Year of manufacture of vehicle	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
2007-2008	1,510	3,304	4,814	25,664	37,606	63,270
2005-2006	1,268	3,976	5,244	28,025	43,132	71,157
2003-2004	792	2,152	2,944	17,414	23,902	41,316
2001-2002	886	1,635	2,521	15,688	19,671	35,358
1999-2000	344	744	1,087	9,210	10,431	19,641
1998 or before	271	408	679	7,200	7,846	15,046
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 13 Transport Activity classified by Body type and Main use of vehicle, 2008

Type of vehicle and Body type	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
Rigid/Rigid with Trailer						
Platform or sided	250	354	603	4,421	3,667	8,089
Tipper	890	979	1,869	36,779	40,542	77,321
Tanker or other bulk carrier	349	182	531	6,781	3,988	10,769
Insulated or refrigerated box	181	275	456	2,531	1,219	3,750
Box or van body	604	527	1,131	4,529	2,973	7,501
Livestock carrier	26	40	66	350	380	730
Other	546	838	1,384	13,262	13,904	27,166
Total	2,845	3,195	6,040	68,653	66,674	135,326
Articulated						
Platform or sided	208	1,098	1,306	1,576	8,196	9,772
Tipper	469	1,135	1,604	14,128	20,513	34,641
Tanker or other bulk carrier	308	1,268	1,577	5,379	15,648	21,028
Insulated or refrigerated box	216	1,932	2,147	1,469	5,903	7,372
Box or van body	278	848	1,126	1,413	3,235	4,647
Livestock carrier	42	52	94	311	550	861
Other	705	2,691	3,396	10,273	21,868	32,141
Total	2,226	9,023	11,249	34,548	75,914	110,462
All Vehicles						
Platform or sided	457	1,452	1,909	5,997	11,864	17,860
Tipper	1,359	2,114	3,473	50,907	61,055	111,962
Tanker or other bulk carrier	657	1,450	2,107	12,160	19,637	31,797
Insulated or refrigerated box	397	2,206	2,603	4,000	7,122	11,122
Box or van body	881	1,376	2,257	5,941	6,207	12,149
Livestock carrier	68	92	160	661	930	1,592
Other	1,251	3,528	4,779	23,535	35,772	59,306
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 14 Vehicle Kilometres travelled classified by Business of owner and Main use of vehicle, 2008

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	608	608	0	899	899
Manufacturing industry	163	0	164	275	1	276
Mining & quarrying (incl. sand & gravel merchants)	23	0	23	44	0	44
Creameries & agricultural cooperative societies	7	0	7	10	0	10
Manufacture of food & feeding stuffs	38	0	38	58	0	58
Manufacture of drink & tobacco	10	0	10	14	0	14
Manufacture of glass, cement & clay products	24	0	24	45	0	45
Other manufacturing	61	0	62	104	1	105
Building & Construction	60	0	60	106	0	106
Distribution	315	125	439	470	202	673
Agriculture & livestock dealing	26	1	27	47	2	49
Local Authorities	15	0	15	28	0	28
Other	79	43	122	117	60	177
Total	656	777	1,434	1,042	1,165	2,207

Table 15 Transport Activity classified by National/International journeys, Axle configuration and Main use of vehicle, 2008

Type of Journey and Axle Configuration	Tonne-km (million)			Tonnes carried (thousand)		
	Own Account	Hire or Reward	Total	Own Account	Hire or Reward	Total
National journeys						
Rigid						
2 axle	978	389	1,367	14,493	4,871	19,364
3 axle	446	234	681	9,701	4,223	13,924
Other rigid	1,027	1,116	2,142	39,852	47,486	87,339
Rigid + trailer	265	742	1,007	2,962	8,414	11,376
Articulated						
3 axle	74	115	189	1,986	1,434	3,419
4 axle	342	518	859	9,682	11,097	20,780
5 axle	932	3,013	3,944	10,408	30,264	40,672
Other articulated	702	2,042	2,744	11,586	25,316	36,902
Total	4,767	8,167	12,934	100,671	133,105	233,775
International journeys						
Rigid						
2 axle	26	10	36	111	37	148
3 axle	5	13	18	105	85	190
Other rigid	22	13	35	979	216	1,195
Rigid + trailer	75	680	755	450	1,341	1,791
Articulated						
3 axle	9	29	38	33	79	111
4 axle	13	101	114	279	392	671
5 axle	101	2,539	2,641	349	4,440	4,789
Other articulated	52	667	719	225	2,893	3,118
Total	304	4,051	4,355	2,530	9,483	12,013
Total						
Rigid						
2 axle	1,004	399	1,403	14,604	4,908	19,512
3 axle	451	247	698	9,806	4,308	14,113
Other rigid	1,049	1,129	2,177	40,831	47,703	88,534
Rigid + trailer	340	1,421	1,762	3,412	9,755	13,167
Articulated						
3 axle	83	144	228	2,018	1,512	3,531
4 axle	355	618	973	9,962	11,489	21,451
5 axle	1,033	5,552	6,585	10,757	34,704	45,460
Other articulated	755	2,709	3,463	11,811	28,209	40,019
Total	5,071	12,219	17,289	103,201	142,587	245,788

Table 16 Transport Activity classified by Region of origin and Region of destination, 2008

Region of Origin	Region of Destination										Total
	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West	Northern Ireland	Other Countries	
Tonne-km (million)											
Border	593	70	96	200	113	18	97	53	120	166	1,527
Midland	98	374	75	90	88	136	60	87	28	76	1,112
West	126	82	526	158	37	47	56	53	21	100	1,205
Dublin	306	191	215	751	390	242	295	443	66	374	3,273
Mid-East	91	63	52	394	558	44	100	73	18	128	1,522
Mid-West	65	72	91	149	30	563	117	223	10	193	1,513
South-East	61	62	59	236	113	99	1,007	252	76	201	2,165
South-West	38	44	72	382	59	171	288	1,139	20	223	2,435
Northern Ireland	126	9	14	30	4	2	41	20	76	91	413
Other Countries	58	28	63	636	116	62	115	245	120	680	2,124
Total	1,564	995	1,263	3,026	1,508	1,383	2,177	2,589	554	2,231	17,289
Tonnes carried (thousand)											
Border	14,976	622	664	2,157	1,730	91	437	138	1,249	254	22,318
Midland	1,104	17,256	1,240	932	1,396	1,384	776	380	156	94	24,718
West	1,884	957	17,060	770	246	347	257	209	120	91	21,941
Dublin	2,644	1,859	990	25,283	9,366	1,204	1,994	1,636	363	490	45,828
Mid-East	1,587	951	238	8,918	19,203	242	1,215	298	98	156	32,906
Mid-West	240	636	617	726	170	17,449	1,158	2,463	31	212	23,700
South-East	265	658	628	1,526	1,540	1,227	20,417	2,481	236	256	29,233
South-West	99	203	314	1,384	223	1,652	2,056	31,005	52	287	37,276
Northern Ireland	1,711	68	66	179	28	9	144	52	1,492	187	3,936
Other Countries	99	27	56	1,080	152	66	119	335	218	1,781	3,932
Total	24,608	23,236	21,873	42,954	34,054	23,670	28,573	38,998	4,014	3,809	245,788

Table 17 Vehicle Kilometres travelled classified by Region of origin and Region of destination, 2008

Region of Origin	Region of Destination										Total
	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West	Northern Ireland	Other Countries	
Vehicle kilometres (million)											
Border	99	12	17	38	16	5	6	7	12	10	224
Midland	11	60	10	19	12	13	9	7	1	4	146
West	17	11	96	24	7	9	6	6	2	6	185
Dublin	41	21	25	149	61	26	42	48	7	21	442
Mid-East	16	11	8	59	86	7	17	10	3	7	224
Mid-West	4	11	9	25	6	86	17	26	0	10	194
South-East	7	10	6	40	19	18	135	30	4	13	281
South-West	8	7	6	46	10	26	31	183	1	12	330
Northern Ireland	12	1	2	7	2	1	4	2	7	5	43
Other Countries	4	2	3	33	7	6	8	11	6	59	138
Total	221	146	183	439	226	195	275	330	45	147	2,207

Table 18 Transport Activity classified by Country of origin and Country of destination, 2008

Country of Origin	Country of Destination										
	Austria	Belgium	Czech Republic	Denmark	France	Germany	Greece	Hungary	Ireland	Italy	Luxembourg
Tonne-km (million)											
Austria	0	0	0	0	0	0	0	0	1	0	0
Belgium	0	0	0	0	0	8	0	0	34	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	0	0	0
France	0	0	0	0	2	0	0	0	60	17	0
Germany	0	0	0	0	0	22	0	0	189	0	0
Greece	0	0	0	0	0	0	0	0	0	0	0
Hungary	0	0	0	0	0	0	0	0	0	0	0
Ireland	2	8	0	17	226	191	0	0	12,934	142	2
Italy	0	0	0	0	8	0	0	0	207	12	0
Luxembourg	0	0	0	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	2	0	0	158	0	0
Poland	0	0	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	20	0	0
Spain	0	0	0	0	0	0	0	0	68	0	0
Sweden	0	0	0	3	0	0	0	0	0	0	0
United Kingdom	0	1	0	0	20	4	11	0	823	17	0
Other EU ¹	0	0	0	0	0	0	0	0	0	0	0
Other Countries ²	0	0	0	0	0	9	0	0	10	0	0
Total	2	9	0	20	256	236	11	0	14,504	189	2

Table 18 Transport Activity classified by Country of origin and Country of destination, 2008
-continued

Country of Origin	Country of Destination								Total
	Netherlands	Poland	Portugal	Spain	Sweden	United Kingdom	Other EU ¹	Other Countries ²	
Tonne-km (million)									
Austria	0	0	0	0	0	0	0	0	1
Belgium	1	0	0	0	0	2	0	0	46
Czech Republic	0	0	0	0	0	0	0	0	0
Denmark	8	0	0	0	0	0	0	0	8
France	0	0	0	5	0	73	0	0	157
Germany	0	0	0	0	2	59	0	7	279
Greece	0	0	0	0	0	0	0	0	0
Hungary	0	0	0	0	0	0	0	0	0
Ireland	143	6	57	89	23	857	36	19	14,752
Italy	0	0	0	0	0	43	0	0	271
Luxembourg	0	0	0	0	0	4	0	0	4
Netherlands	0	0	0	0	4	14	0	0	178
Poland	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	20
Spain	0	0	0	0	0	44	0	0	112
Sweden	0	0	0	0	0	0	0	0	3
United Kingdom	14	0	0	0	0	539	0	0	1,429
Other EU ¹	0	0	0	0	0	0	0	0	0
Other Countries ²	0	0	0	0	0	10	0	0	29
Total	165	6	57	94	30	1,647	36	25	17,289

¹Includes Bulgaria, Cyprus, Estonia, Finland, Latvia, Lithuania, Malta, Romania, Slovakia and Slovenia

²Includes 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, 2008

Country of Origin	Country of Destination										
	Austria	Belgium	Czech Republic	Denmark	France	Germany	Greece	Hungary	Ireland	Italy	Luxembourg
Tonnes carried (thousand)											
Austria	0	0	0	0	0	0	0	0	0	0	0
Belgium	0	1	0	0	0	19	0	0	38	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	0	0	0
France	0	0	0	0	8	0	0	0	59	18	0
Germany	0	0	0	0	0	68	0	0	129	0	0
Greece	0	0	0	0	0	0	0	0	0	0	0
Hungary	0	0	0	0	0	0	0	0	0	0	0
Ireland	1	9	0	13	225	147	0	0	233,775	80	1
Italy	0	0	0	0	7	0	0	0	99	32	0
Luxembourg	0	0	0	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	3	0	0	162	0	0
Poland	0	0	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	8	0	0
Spain	0	0	0	0	0	0	0	0	32	0	0
Sweden	0	0	0	6	0	0	0	0	0	0	0
United Kingdom	0	3	0	0	21	3	6	0	3,659	8	0
Other EU ¹	0	0	0	0	0	0	0	0	0	0	0
Other Countries ²	0	0	0	0	0	14	0	0	5	0	0
Total	1	12	0	19	261	254	6	0	237,966	138	1

Table 19 Weight of goods carried classified by Country of origin and Country of destination, 2008
-continued

Country of Origin	Country of Destination								Total
	Netherlands	Poland	Portugal	Spain	Sweden	United Kingdom	Other EU ¹	Other Countries ²	
Tonnes carried (thousand)									
Austria	0	0	0	0	0	0	0	0	0
Belgium	6	0	0	0	0	6	0	0	70
Czech Republic	0	0	0	0	0	0	0	0	0
Denmark	11	0	0	0	0	0	0	0	11
France	0	0	0	4	0	88	0	0	177
Germany	0	0	0	0	4	57	0	10	269
Greece	0	0	0	0	0	0	0	0	0
Hungary	0	0	0	0	0	0	0	0	0
Ireland	137	4	29	50	11	3,413	13	11	237,920
Italy	0	0	0	0	0	18	0	0	156
Luxembourg	0	0	0	0	0	6	0	0	6
Netherlands	0	0	0	0	5	27	0	0	197
Poland	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	8
Spain	0	0	0	4	0	22	0	0	58
Sweden	0	0	0	0	0	0	0	0	6
United Kingdom	19	0	0	0	0	3,166	0	0	6,884
Other EU ¹	0	0	0	0	0	0	0	0	0
Other Countries ²	0	0	0	0	0	8	0	0	27
Total	172	4	29	59	21	6,811	13	22	245,788

¹Includes Bulgaria, Cyprus, Estonia, Finland, Latvia, Lithuania, Malta, Romania, Slovakia and Slovenia

²Includes 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, 2008

Country of Origin	Country of Destination										
	Austria	Belgium	Czech Republic	Denmark	France	Germany	Greece	Hungary	Ireland	Italy	Luxembourg
Vehicle kilometres (million)											
Austria	0	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	0	1	0	0	2	0	0
Czech Republic	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	0	0	0
France	0	0	0	0	1	0	0	0	4	2	0
Germany	0	0	0	0	0	3	0	0	9	0	0
Greece	0	0	0	0	0	0	0	0	0	0	0
Hungary	0	0	0	0	0	0	0	0	0	0	0
Ireland	0	1	0	1	11	11	0	0	1,912	7	0
Italy	0	0	0	0	0	0	0	0	11	2	0
Luxembourg	0	0	0	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0	8	0	0
Poland	0	0	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	1	0	0
Spain	0	0	0	0	0	0	0	0	4	0	0
Sweden	0	0	0	0	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	1	0	1	0	63	1	0
Other EU ¹	0	0	0	0	0	0	0	0	0	0	0
Other Countries ²	0	0	0	0	0	0	0	0	1	0	0
Total	0	1	0	1	14	16	1	0	2,015	11	0

Table 20 Vehicle Kilometres travelled classified by Country of origin and Country of destination, 2008
-continued

Country of Origin	Country of Destination								Total
	Netherlands	Poland	Portugal	Spain	Sweden	United Kingdom	Other EU ¹	Other Countries ²	
Vehicle kilometres (million)									
Austria	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	0	0	0	0	3
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	0	0	3	0	0	11
Germany	0	0	0	0	0	3	0	0	17
Greece	0	0	0	0	0	0	0	0	0
Hungary	0	0	0	0	0	0	0	0	0
Ireland	8	0	3	5	1	63	1	1	2,027
Italy	0	0	0	0	0	3	0	0	16
Luxembourg	0	0	0	0	0	1	0	0	1
Netherlands	0	0	0	0	0	1	0	0	10
Poland	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	1
Spain	0	0	0	1	0	2	0	0	8
Sweden	0	0	0	0	0	0	0	0	1
United Kingdom	1	0	0	0	0	45	0	0	111
Other EU ¹	0	0	0	0	0	0	0	0	0
Other Countries ²	0	0	0	0	0	0	0	0	1
Total	10	0	3	7	2	122	1	2	2,207

¹Includes Bulgaria, Cyprus, Estonia, Finland, Latvia, Lithuania, Malta, Romania, Slovakia and Slovenia

²Includes any country which is not a member state of the EU

Table 21 Transport Activity classified by Month of the year, 2008

Month	Tonne-km (million)	Tonnes carried (thousand)	Vehicle Kilometres (million)	Number of Loaded Journeys (thousand)	Number of Empty Journeys (thousand)
January	1,525	24,065	194	1,882	1,669
February	1,447	23,504	191	1,843	1,598
March	1,212	15,876	159	1,434	1,194
April	1,557	28,444	213	2,269	1,874
May	1,547	21,474	182	1,715	1,445
June	1,711	18,325	185	1,517	1,251
July	1,531	21,957	201	1,684	1,498
August	1,260	19,768	165	1,596	1,334
September	1,299	18,632	188	1,668	1,364
October	1,742	22,331	208	1,759	1,505
November	1,233	17,551	162	1,484	1,284
December	1,225	13,861	157	1,233	1,025
Total	17,289	245,788	2,207	20,085	17,041

Table 22 Transport Activity classified by Day of the week, 2008

Day of the Week	Tonne-km (million)	Tonnes carried (thousand)	Vehicle Kilometres (million)	Number of Loaded Journeys (thousand)	Number of Empty Journeys (thousand)
Monday	2,933	45,343	388	3,781	3,207
Tuesday	3,288	48,262	425	3,891	3,334
Wednesday	3,118	48,094	414	3,851	3,293
Thursday	3,256	46,920	427	3,830	3,255
Friday	3,210	46,158	411	3,776	3,198
Saturday	863	8,993	97	777	639
Sunday	621	2,019	46	178	114
Total	17,289	245,788	2,207	20,085	17,041

Chapter 3

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 2008 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 20 strata. These strata were created on the basis of four criteria:

- The unladen weight of the vehicle
- 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
- Year of manufacture

A full description of the 20 strata used is given in Appendix A, along with the estimated average vehicle population in each stratum. These strata were specifically used to cater for the following:

- The tendency of vehicles with higher unladen weights to be involved in greater transport activity
- Possible under-representation in the sample of vehicles registered for the first time during the survey year
- 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
- The likelihood of newer vehicles being used more intensively

In practise, four strata were null strata (i.e. in 2008 no vehicles in the population fell into those particular categories). However, the strata were retained in the design to keep the design consistent with previous years.

A random sample was drawn from each of the sixteen relevant strata. Different sampling rates were applied in each stratum to maximise sampling accuracy for the overall sample. However, these rates remained effectively constant from one week to another to ensure that the sampling remained as consistent as possible throughout the year.

Table L

Unladen Weight		
2-5 tonnes	5-10 tonnes	10 tonnes and over
Sampling Rate %		
10	39	52

Data Collection Survey questionnaires (see Appendix E) were issued during the week prior to the survey week to which they referred. When necessary, reminders were issued 10 days, 20 days and 30 days after the survey week.

Response Rates Out of a total of 35,733 vehicles surveyed, a satisfactory return was received in respect of 11,743 vehicles representing an overall response rate of 33%. However, this rate varied across the differing survey strata. Response rates broken down by the unladen weight and the year of manufacture of vehicle are presented in Table M.

Table M

Year of Manufacture	Unladen Weight							
	2 - 5 tonnes		5 - 10 tonnes		10 tonnes and over		Total	
	Forms issued	% Response	Forms issued	% Response	Forms issued	% Response	Forms issued	% Response
Before 2000	3,134	33	5,766	25	8,528	19	17,428	24
2000 - 2004	3,418	44	1,855	39	6,068	35	11,341	39
After 2004	2,612	51	900	44	3,452	44	6,964	47
Total	9,164	42	8,521	30	18,048	30	35,733	33

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.

Respondent Burden In 2008, the survey respondent burden was measured for the first time. A question was added to the survey form asking respondents how many minutes it took them to complete the questionnaire (see Appendix E). Of the 11,743 satisfactory returns to the survey just 7,160 (61%) answered this question. Of this subset of respondents 3,137 (41%) reported that it took 10 minutes or less to complete the survey form. Only 135 respondents (2%) reported that it took more than an hour to complete the form. On average it took respondents 20 minutes to complete the survey form. The individual response burden, broken down by main use of vehicle and unladen weight of vehicle category, is given in table N.

Table N

Main use of vehicle and Unladen Weight	Response Burden						Total	Average Response Burden
	1 - 10 minutes	11 - 20 minutes	21 - 30 minutes	31 - 45 minutes	45 - 60 minutes	More than 1 hour		
Own Account								
2 - 5 tonnes	981	676	343	129	77	39	2,245	19
5 -10 tonnes	510	356	167	63	38	26	1,160	20
Over 10 tonnes	706	449	241	112	58	35	1,601	20
Total	2,197	1,481	751	304	173	100	5,006	19
Hire or Reward								
2 - 5 tonnes	59	62	41	14	13	9	198	25
5 - 10 tonnes	156	130	67	21	12	7	393	20
Over 10 tonnes	725	657	380	151	81	19	2,013	20
Total	940	849	488	186	106	35	2,604	21
Total								
2 - 5 tonnes	1,040	738	384	143	90	48	2,443	20
5 - 10 tonnes	666	486	234	84	50	33	1,553	20
Over 10 tonnes	1,431	1,106	621	263	139	54	3,614	20
Total	3,137	2,330	1,239	490	279	135	7,610	20

The average amount of time taken to complete all returns per unit of haulage business population was 3.7 minutes in 2008. This figure is obtained when the number of hours taken to complete all returns is divided by the population of haulage business enterprises. The average number of minutes to complete all returns per unit of goods vehicle population was 2.1.

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, the 20 strata in the sample design were used. For each stratum, for each quarter, the average number of goods vehicles in the national fleet were estimated from the data provided by the Department of Transport. The average number of vehicles was then divided by the number of survey returns to provide a vehicle grossing factor.

The weekly activity measures (tonnes carried, tonne-kilometres done etc.) for each vehicle return 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 vehicles. The estimates for each quarter were then added together to provide the annual results.

It should be borne in mind, therefore, that the total fleet size estimated in the annual results is an average of the number of goods vehicles potentially or actually involved in road freight transport activity throughout the year. It is not a snapshot of the number of vehicles taxed as goods vehicles in the national fleet at any particular point in time.

Changes to Grossing Methodology

In 2008 a more stringent approach was taken to the estimation of the average number of goods vehicles in the national fleet. This has led to an overall improvement in the quality of the survey register. Certain categories of vehicles which were originally on the register have now been excluded (see Appendix D). Also, the active population has been restricted to only those vehicles with up to date motor tax or where the motor tax has expired no more than 3 months previously. Both of these changes have significantly effected the calculation of survey grossing factors. Therefore, they have also had an impact on the survey results.

Effect of the Changes

To quantify the impact of these changes to the grossing methodology, the 2008 results were estimated by both the original method and the new method, by way of comparison. The key results as compiled by the original and the new method are presented below in Table O.

Table O

Survey Characteristic	Methodology		Difference	
	Original	New	Unit	%
Tonnes-Kilometres (million)	17,736	17,289	-447	-2.5
Tonnes Carried (thousand)	259,880	245,788	-14,092	-5.4
Vehicle Kilometres (million)	2,555	2,207	-348	-13.6
Laden Journeys	22,676	20,085	-2,591	-11.4
Average Number of Vehicles	124,610	97,640	-26,970	-21.6

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 P below.

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.

Table P

Unladen weight (tonnes)	Tonne-Kilometres		Tonnes carried		Vehicle Kilometres	
	Survey Estimate	Coefficient of Variation	Survey Estimate	Coefficient of variation	Survey Estimate	Coefficient of Variation
	million	%	million	%	million	%
2 - 5	662	20	9,367	8	532	3
5 - 7.5	477	13	5,657	12	142	5
7.5 - 10	1,301	7	20,523	6	224	3
10 - 12.5	6,577	3	86,454	3	577	2
Over 12.5	8,273	3	123,787	3	732	2
Total	17,289	2	245,788	2	2,207	1

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

Stratum Number	Vehicle Characteristics				Estimated Average Vehicle Population 2008
	Year of Manufacture	Unladen Weight	Taxation use ¹	Year of First Registration	
1	Before 2000	2-5 tonnes	Immaterial	Immaterial	9,554
2	"	5-10 tonnes	Own Account	"	5,996
3	"	"	Hire or Reward	"	113
4	"	10 tonnes or over	Own Account	"	4,777
5	"	"	Hire or Reward	"	128
6	2000-2004	2-5 tonnes	Immaterial	"	21,923
7	"	5-10 tonnes	Own Account	"	5,264
8	"	"	Hire or Reward	"	20
9	"	10 tonnes or over	Own Account	"	10,980
10	"	"	Hire or Reward	"	53
11	2005 or later	2-5 tonnes	Immaterial	Before 2007	11,738
12	"	"	"	2007 or later	13,662
13	"	5-10 tonnes	Own Account	Before 2007	1,921
14	"	"	"	2007 or later	1,578
15	"	"	Hire or Reward	Before 2007	0
16	"	"	"	2007 or later	0
17	"	10 tonnes or over	Own Account	Before 2007	5,620
18	"	"	"	2007 or later	4,313
19	"	"	Hire or Reward	Before 2007	0
20	"	"	"	2007 or later	0
Total:					97,640

¹This 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 3¹ 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.

¹ 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)

CHAPTER TITLE**Contents**

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

Appendix D

Goods Vehicle Category Types

Code	Body Type	Goods Vehicle Population ¹ 2008	
		All	Appropriate to Survey
2	Station Wagon/Jeep	1,127	-
3	Minibus	39	-
5	Bus	30	-
6	Van	29,000	29,000
7	Open Lorry & Container	1,105	1,105
8	Open Lorry only	2,645	2,645
12	Fork Lift	1	-
13	Travelling Machine/Workshop	122	-
14	Mobile Shop	130	-
15	Hoist/Crane	11	-
22	Low Loader	35	35
23	Tanker	499	499
24	Concrete Mixer/Concrete Pump	140	140
25	Horse Box/Animal Transporter	1,070	1,070
26	Dumper	2	2
30	Refuse Collector	612	612
31	Gritter/Chip Spreader	2	-
35	Adapted Saloon	2	-
37	Other	9,346	9,346
40	Hatchback	9	-
48	Pick Up	754	754
50	Van with Side Windows	101	101
51	Other light goods	48	48
52	Box van	2,503	2,503
53	Luton Van	244	244
54	Insulated/Refrigerated Van	587	587
55	Glass Carrier	10	10
56	Other Van	20	20
57	Bottle Float	1	1
58	Drop-Side Lorry	492	492
59	Hopper Truck	3	3
60	Recovery Vehicle	194	-
61	Solid Bulk Carrier	9	9
63	Car Transporter	64	64
64	Other Goods Heavy	8,031	8,031
69	Road Maintenance Vehicle	3	-
70	Road Tar Sprayer	16	-
75	Articulated Tractor Unit	14,801	14,801
76	Jeep	15,846	-
77	Estate	893	-
81	Rigid	4,309	4,309
82	Crew Cab	9,366	9,366
86	Curtain Sider	1,132	1,132
87	Tipper	2,690	2,690
88	Skip Loader	278	278
89	Telescopic Handler	6	-
90	Drain Cleaner	15	-
91	Security Van/Truck	65	65
92	MPV	3	-
95	Chassis Cab	7,678	7,678
TOTAL:		116,089	97,640

1: This annual population estimate is an average of four quarterly population estimates. Vehicles with motor tax expired for more than 3 months are not included in these estimates.

CONFIDENTIAL

Appendix E



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

Official use only	
Coded	
Checked	

Amend if incorrect in any respect

CENTRAL STATISTICS OFFICE

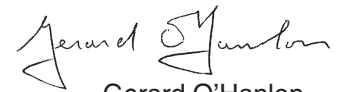
NATIONAL SURVEY OF TRANSPORT OF GOODS BY ROAD

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** of the form. **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**

RECORD OF WORK DONE BY VEHICLE DURING THE WEEK






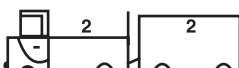


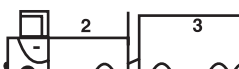






- NOTES**
1. Details of all journeys should be recorded as they are made.
 2. Record outward and return journeys on separate lines.
 3. Give details of all empty journeys.
 4. For type of goods carried (column 4) state main commodity; if no main commodity enter "Sundries". If goods are a **dangerous 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 OF WEEK	JOURNEYS (Please give nearest town and district)		TYPE OF GOODS CARRIED Give full details (See Note 4 above)	WEIGHT OF GOODS CARRIED AT BEGINNING OF JOURNEY (See Note 5)	Distance Travelled		Complete only for split delivery/ collection journeys				NO. of times the same journey was carried out during the day with similar load
	ORIGIN <i>(Include Ferry Route and countries in transit, if appropriate)</i>	DESTINATION			LOADED	EMPTY	NO. of stops for collection	WEIGHT of all extra loads collected	NO. of stops for delivery	WEIGHT of all goods delivered	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
				KGS	MILES	MILES	NO.	KGS	NO.	KGS	NO.
MONDAY											
TUESDAY											

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

<p>4. CARRYING CAPACITY (i.e. heaviest load possible) OF VEHICLE Kgs</p> <p>5. If the vehicle is used to draw a trailer then give the UNLADEN WEIGHT of the trailer Kgs</p> <p>CARRYING CAPACITY of trailer Kgs</p> <p>6. TYPE OF BODY (please ✓ appropriate box)</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>7. TYPE OF WORK NORMALLY CARRIED OUT BY VEHICLE (please ✓ appropriate box)</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

9. RESPONDENT BURDEN How long (ie how many minutes in total) did it take to complete this form? **Minutes**

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:

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

