



Department of the Environment  
for Northern Ireland

*Northern Ireland Seat Belt Survey*

*Report*

*April 2005*



**Prepared by  
Central Survey Unit  
on behalf of DoE**

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## Notation

The following symbols are used :-

No responses in category	– cell is empty
Value of category is less than 0.5%	- cell is 0%

- Note:
- a) For categories with a cell total less than 100, counts are shown instead of percentages. All counts are shown in square brackets.
  - b) Percentages may not add to 100% due to rounding

## **Background to the Survey**

This is the sixteenth in a series of Seat Belt Surveys. The series, which began in 1994, has been conducted biannually, in April and October. However, from April 1997 the survey has been conducted on an annual basis in April of each year, with the exception of 2001 when a survey was carried out in both April and October.

Data for this report was collected from 15 sites throughout Northern Ireland, consisting of 6 rural, 3 motorway and 6 urban locations.

Fieldwork involved observing stationary traffic and recording details such as gender, estimated age and whether a restraint was being used for any car occupants. Recording took place in eight half hour sessions between 08:30 and 17:00 on Tuesday 19th and Saturday 23rd April 2005. In total 16,642 cars were observed and details of 25,203 occupants recorded.

## Summary of Key Results from NI Seat Belt Surveys 1994 - 2005

	1994	1995	1996	1997	1998	1999	2000	Apr 2001	Oct 2001	Apr 2002	Apr 2003	Apr 2004	Apr 2005
<b>% of car occupants wearing seatbelts</b>													
Driver	88	85	85	85	87	86	87	86	88	90	90	91	93
Front Seat	88	86	85	86	88	86	87	86	89	89	89	90	92
Back Seat	52	50	51	56	61	62	65	67	71	72	75	77	81
Of which:													
Under 1 year	96	96	97	95	96	93	97	98	97	95	97	98	98
1-4 years	70	65	72	78	78	78	82	86	86	85	87	88	92
5-9 years	50	49	50	54	61	62	68	65	73	71	75	77	82
10-13 years	47	47	47	51	58	65	65	68	70	72	75	78	82
<b>Overall Wearing Rate %</b>		<b>80</b>	<b>80</b>	<b>81</b>	<b>84</b>	<b>83</b>	<b>84</b>	<b>84</b>	<b>87</b>	<b>88</b>	<b>88</b>	<b>89</b>	<b>91</b>
<b>Occupancy Rate</b>													
Front Seat	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.37	0.38	0.36	0.37	0.37	0.36
Passengers	1	9	0	0	8	8	8						
Back Seat	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.20	0.18	0.17	0.17	0.16	0.15
Passengers	7	4	4	3	1	0	1						

## **Summary**

### **Restraint wearing rates**

Ninety-one percent of car occupants used a restraint. Drivers (93%) and front seat passengers (92%) were more likely to use a restraint than back seat passengers (81%) (See tables 2-5).

### **Change since April 2004**

The percentage of car occupants using a restraint increased to 91% , back seat passenger rates increased from 77% to 81%, and driver and front seat wearing rates increased by two percent each to 93% and 92% respectively. (See figures 6-8).

### **Survey trends**

Results for the April 2005 Seat Belt Survey have followed a similar pattern to those of previous surveys. Wearing rates overall have improved since 1994, driver wearing rates have been fairly consistent since the survey began in 1994, as have front seat wearing rates. Back seat wearing rates have increased from 52% in 1994 to a high of 81% in 2005. (See figures 6-8).

### **Comparison with Great Britain**

Car occupants in Northern Ireland were less likely to use a restraint than those in Great Britain. According to the latest figures available (for April 2005) the wearing rates for Great Britain were 93% for drivers, 94% for front seat passengers and 83% for back seat passengers. This last figure has risen considerably from 63% in April 1997.

### **Road Type**

Drivers were slightly less likely to use a restraint on urban roads (92%) than motorways and rural roads (both 93%). Front seat passengers were most likely to be restrained on rural (93%) and urban roads (91%) than the motorways (90%). Back seat passengers wearing rates varied from a high of 88% on rural roads to 82% on urban roads and 70% on motorways (see tables 7, 9-10).

### **Gender**

Female drivers and front seat passengers were more likely than males to use a restraint. There was little difference in the overall level of back seat restraint usage by gender (see tables 11, 13-14).

## **Adults**

Older drivers were more likely to wear seat belts, 94% of drivers aged 60+ were restrained compared to 92% of drivers aged 17 – 29 and 92% aged 30 - 59 (see table 15).

## **Children**

The majority of children (92% of ages 1-4, 91% of ages 5-9 and 90% of ages 10-13) were restrained when travelling as front seat passengers. However, 18% of children aged 10-13, 18% of those aged 5-9, and 8% of those aged 1-4 were unrestrained when travelling in the back of a car (see tables 17-18).

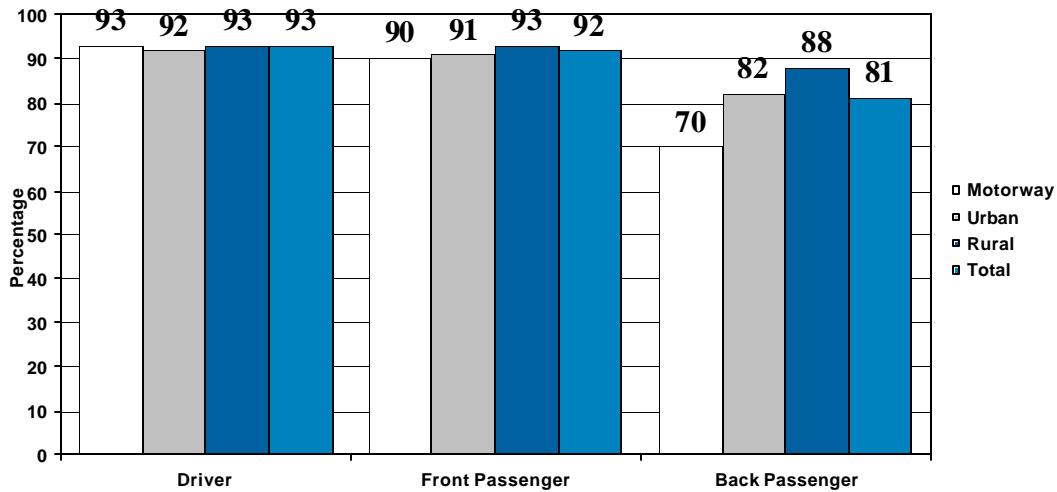
## **Mobile Phones**

This is the third Northern Ireland Seat Belt survey that has observed the use of mobile phones by drivers. Just over ninety-eight and a half percent of drivers (98.7%) were not using a mobile phone. Of the 1.3% of drivers that were using a phone 0.9% were using a hand-held phone and 0.4% were using a hands-free phone (see table 6). These figures were fairly consistent with those collected in April 2004.

## Main Findings

Almost two fifths of all vehicles (36%) contained front seat passengers. In addition there was an average of 15 back seat passengers per 100 vehicles (see table 1).

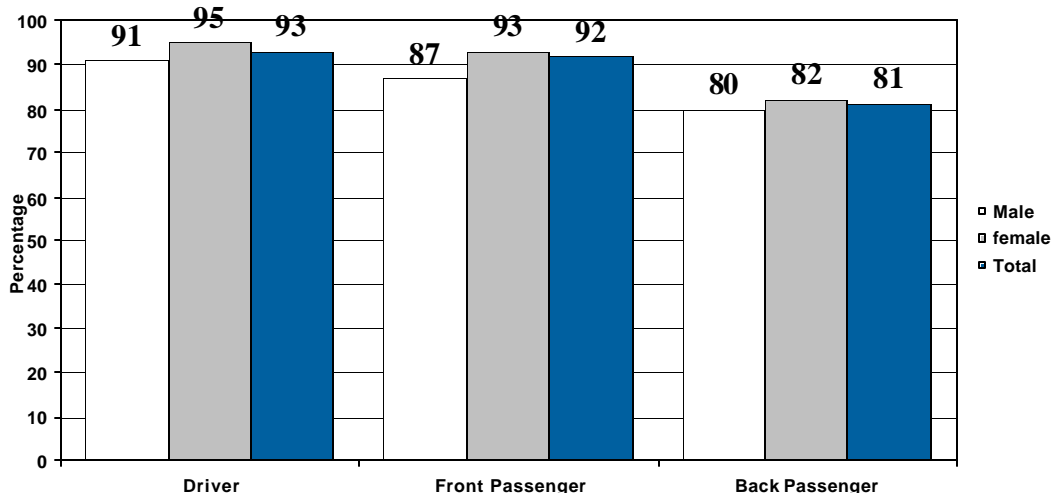
**Figure 1: Wearing rate of drivers, front seat passengers, and back seat passengers by type of site.**



In relation to type of site (motorway, urban, rural), the highest seat belt wearing rate was among rural and motorway drivers and rural front seat passengers (all 93%). Back seat passengers were more likely to be restrained at rural sites (88%) (See figure 1).

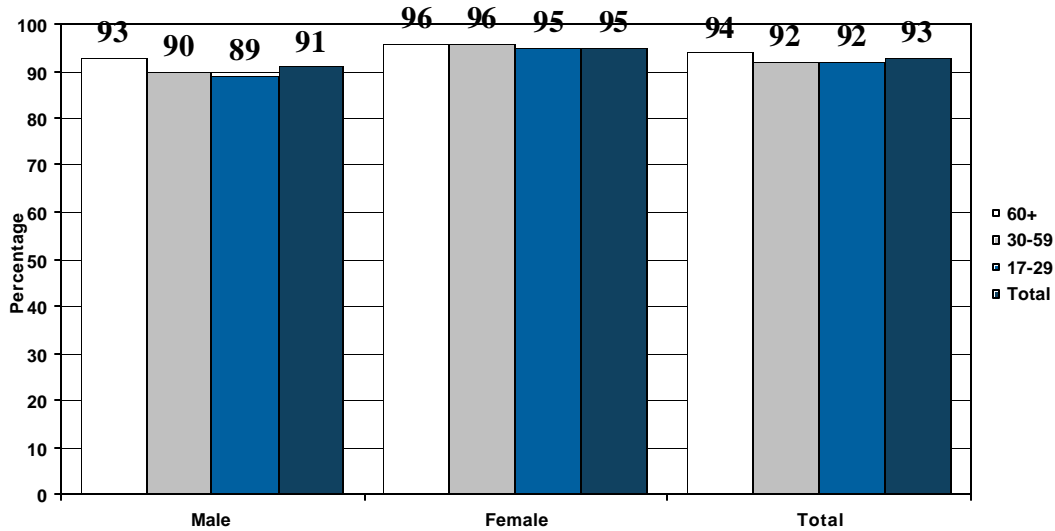
Both female drivers and front seat passengers had a higher rate of restraint usage than males. There was little difference between male and female restraint rates for back seat passengers (see figure 2).

**Figure 2: Wearing rate of drivers, front seat passengers, and back seat passengers by gender.**



With respect to age, the highest level of restraint usage among drivers overall was found in the 60+ age group (94%). Looking at figure 3 we can see that there is a rise from 89% of 17-29 year old male drivers to 93% of 60+ male drivers being restrained. There is less of a difference for female drivers with 95% of 17-29 year olds and 96% of 60+ year olds restrained (see figure 3).

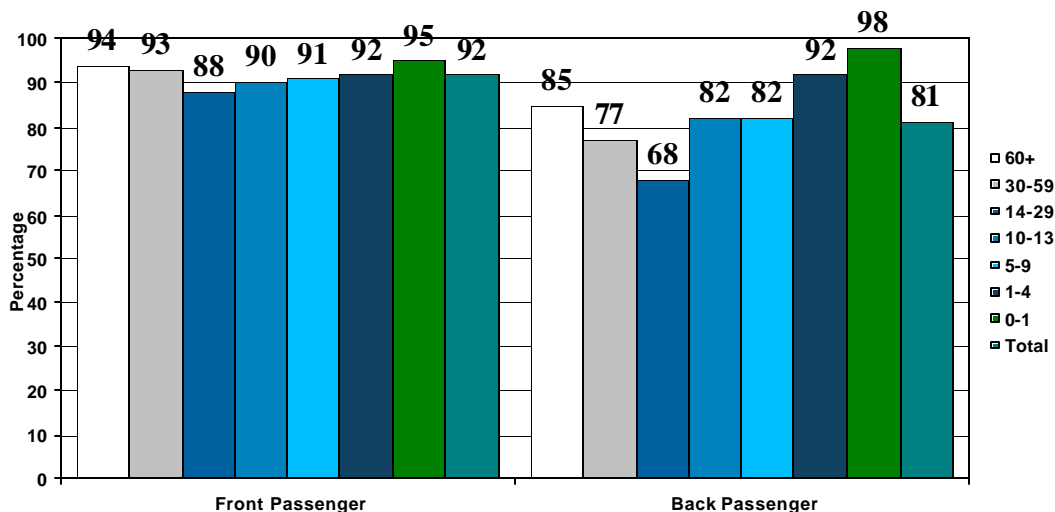
**Figure 3: Wearing rate of drivers by age and gender**



Front and rear seat passenger wearing rates followed a similar overall trend showing that older adults are more likely to wear a seat belt. Analysis shows that adult front seat female passengers over 60 had a high level of restraint use, as did those female 30-59 year olds (both 95% - see table 21). The majority of child front seat passengers were restrained, 90% of 10-13 year olds and 91% of 5-9 year olds. Front seat passengers aged 0-1 had a particularly high level of restraint use (95%) (See table 17).

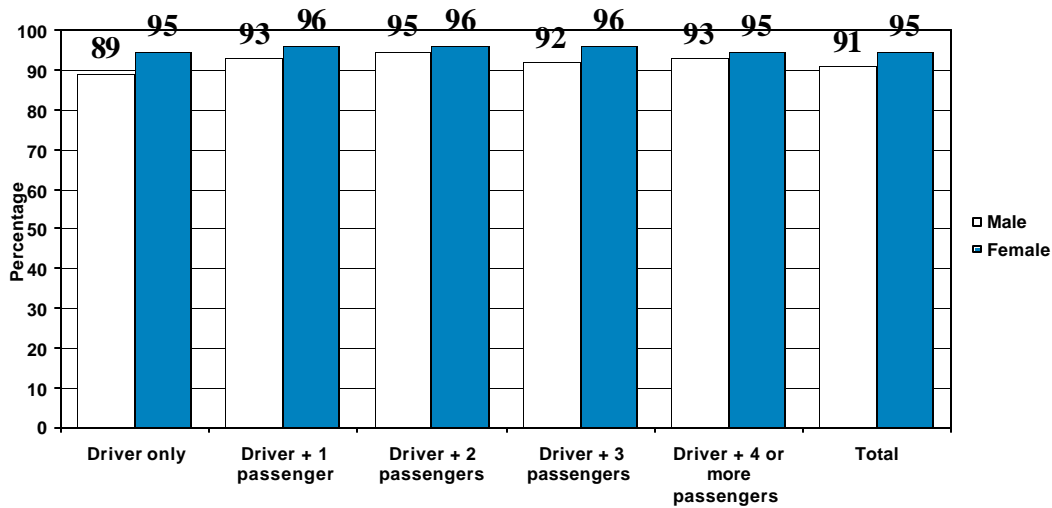
Child back seat passengers were far more likely than adult back seat passengers to be restrained. Ninety-eight percent of back seat passengers aged less than one year were restrained, as were 92% of children aged 1-4 in the back seat. However only 82% of child back seat passengers aged 5-9 and 82% of those aged 10-13 were restrained (see figure 4).

**Figure 4: Wearing rate of front seat passengers and back seat passengers by age.**



Whether the driver wore a seat belt appeared to have a marked effect on the wearing rates of other passengers. Where drivers were restrained, 94% of front seat passengers and 83% of back seat passengers were also restrained. Where drivers were unrestrained, only 55% of front seat passengers and 53% of back seat passengers were restrained (see table 23 and 24).

**Figure 5: Wearing rate of drivers by gender and number of occupants in vehicle.**



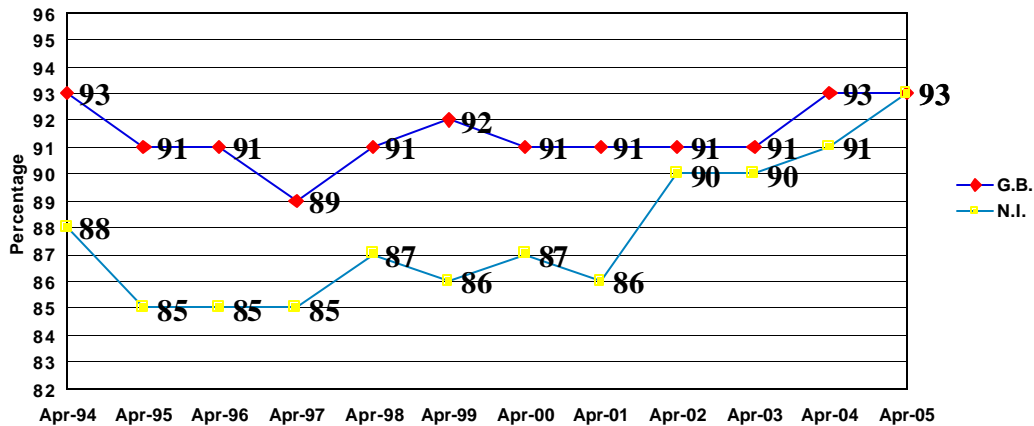
In general, wearing rates of drivers overall also increased slightly as the number of occupants increased. This ranged from 92% with no passengers to 95% with two passengers in the car (see table 25).

Male drivers were less likely than females to wear seat belts.

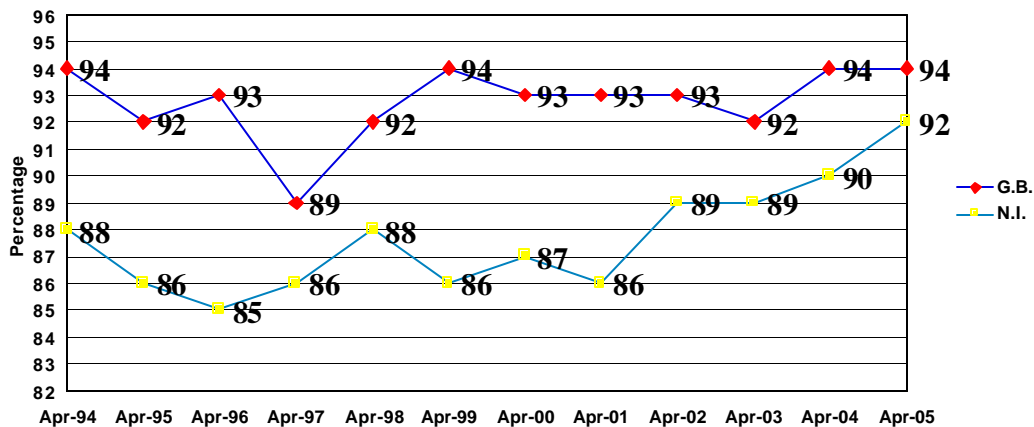
As the number of occupants increased, the likelihood of all occupants in the car being restrained decreased considerably. Only 52% of vehicles with five or more occupants had all occupants restrained, whereas 88% of those with two occupants had all occupants restrained (see table 27).

Figures 6-8 show a comparison of drivers and passengers wearing seat belts over the last 11 years for Northern Ireland and Great Britain. Driver wearing rates are the same in both Northern Ireland and Great Britain (both 93%). However, overall car occupants in Northern Ireland are slightly less likely to use a restraint than those in Great Britain, where wearing rates were, 93% for drivers, 94% for front seat passengers and 83% for back seat passengers, compared to Northern Ireland figures of 93%, 92% and 81% respectively in April 2005.

**Figure 6: Comparison of Driver Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2005.**

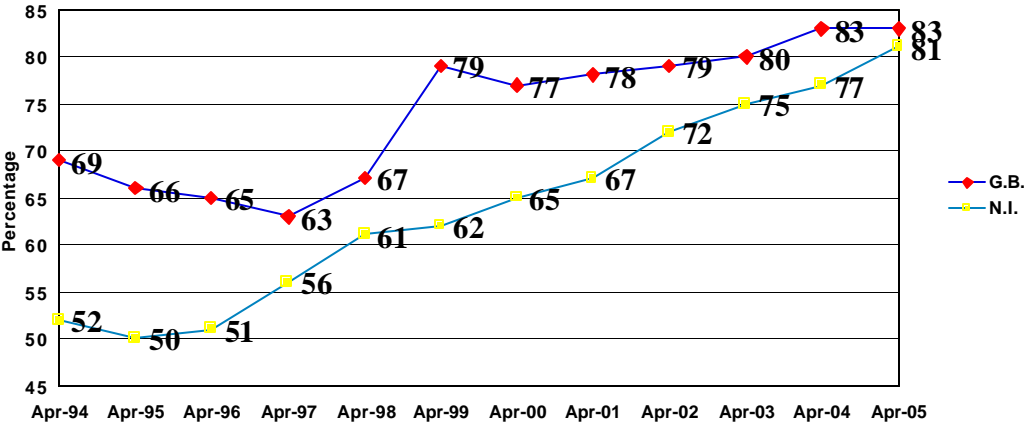


**Figure 7: Comparison of Front Seat Passenger Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2005.**



In Northern Ireland back seat passenger wearing rates have risen to 81% continuing a steady rise from 50% in April 1995.

**Figure 8: Comparison of Back Seat Passenger Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2005.**



In Great Britain eight Seat Belt surveys have observed the use of mobile phones to date, however in Northern Ireland this is only the third. 2.7% of drivers in Great Britain were using a mobile phone in April 2005 (1.5% hand-held and 1.2% hands-free). In Northern Ireland 1.5% of drivers were observed using a mobile phone in April 2003, 1.4% in 2004 and 1.3% in 2005.

**Table 1 Occupancy rates of cars**

<i>All cars</i> <i>Base = 100%</i>	Position of Passengers		Total
	Front Seat	Back Seat	Cases
	%	%	
<b>Total</b>	<b>36%</b>	<b>15%</b>	<b>16642</b>

NI Seat Belt Survey April 2005

*On average, there were 36 front seat passengers and 15 back seat passengers per 100 vehicles recorded at all sites (see table 1).*

**Table 2 Wearing rate (%) of drivers**

<i>All cars</i> <i>Base = 100%</i>	Type of restraint worn by driver			
	Seat Belt used	Seat Belt unused	Not fitted	Total
	%	%	%	Count
<b>Total</b>	<b>93%</b>	<b>7%</b>	<b>0%</b>	<b>16642</b>

NI Seat Belt Survey April 2005

*The majority of drivers observed at all sites (93%) were restrained (see table 2).*

**Table 3 Wearing rate (%) of all front seat passengers**

<i>All cars</i> <i>Base = 100%</i>	Restraint usage				
	Seat Belt used	Child restraint used	Seat Belt unused	Not fitted	Total
	%	%	%	%	Count
<b>Total</b>	<b>90%</b>	<b>1%</b>	<b>8%</b>	<b>0%</b>	<b>5999</b>

NI Seat Belt Survey April 2005

*As with drivers, the majority of front seat passengers were restrained. On average 90% of front seat passengers wore a seat belt and 1% used a child restraint (See table 3).*

**Table 4 Wearing rate (%) of all back seat passengers**

<i>All cars</i> <i>Base = 100%</i>	Type of restraint worn				
	Seat Belt used	Child restraint	Restraint Unused	Not fitted	Total
	%	%	%	%	Count
<b>Total</b>	<b>62%</b>	<b>20%</b>	<b>19%</b>	<b>0%</b>	<b>2562</b>

NI Seat Belt Survey April 2005

*Eighty-one percent of all back seat passengers were restrained (see table 4).*

**Table 5 Wearing rate (%) of all car occupants**

<i>All cars</i> <i>Base = 100%</i>	Type of restraint worn				
	Seat Belt used	Child restraint used	Restraint Unused	Not fitted	Total
	%	%	%	%	Count
<b>Total</b>	<b>89%</b>	<b>2%</b>	<b>9%</b>	<b>0%</b>	<b>25203</b>

NI Seat Belt Survey April 2005

*Irrespective of their position in the car the majority of occupants (91%) were restrained. Of all occupants, 89% used a seat belt and 2% used a child restraint (see table 5).*

**Table 6 Proportion of drivers (%) observed using a mobile phone**

<i>All cars</i> <i>Base = 100%</i>	Type of phone			
	Hand-held	Hands-free	Neither	Total
	%	%	%	Count
<b>Total</b>	<b>.9%</b>	<b>.4%</b>	<b>98.7%</b>	<b>16642</b>

NI Seat Belt Survey April 2005

*Just over ninety-eight and a half percent of drivers (98.7%) were not using a mobile phone. Of the 1.3% of drivers that were using a mobile phone 0.9% were using a hand-held phone and 0.4% were using a hands-free phone (see table 6).*

**Table 7 Wearing rate (%) of drivers by type of site**

<i>All cars</i> <i>Base = 100%</i>	Type of restraint worn by driver			
	Seat Belt Used	Seat Belt unused	Not fitted	Total
	%	%	%	Count
<b>Motorway</b>	93%	7%	0%	3440
<b>Urban</b>	92%	8%	0%	6573
<b>Rural</b>	93%	7%	0%	6629
<b>Total</b>	93%	7%	0%	16642

NI Seat Belt Survey April 2005

*Levels of seat belt wearing by drivers were fairly consistent throughout the sites. Rural and motorway sites (both 93%) were slightly higher than urban sites (92%). (See table 7).*

**Table 8 Proportion of drivers (%) observed using a mobile phone by type of site**

<i>All cars</i> <i>Base = 100%</i>	Type of phone			
	Hand-held	Hands-free	Neither	Total
	%	%	%	Count
<b>Motorway</b>	.4%	.3%	99.3%	3440
<b>Urban</b>	1.3%	.3%	98.4%	6573
<b>Rural</b>	.8%	.5%	98.8%	6629
<b>Total</b>	.9%	.4%	98.7%	16642

NI Seat Belt Survey April 2005

*The proportion of drivers using a mobile phone is higher in urban areas (see table 8).*

**Table 9 Wearing rate (%) of all front seat passengers by type of site**

<i>All cars</i> <i>Base = 100%</i>	Restraint usage				
	Seat Belt used	Child restraint used	Seat Belt unused	Not fitted	Total
	%	%	%	%	Count
<b>Motorway</b>	89%	1%	10%	0%	1311
<b>Urban</b>	90%	1%	9%	0%	2348
<b>Rural</b>	92%	1%	7%	0%	2340
<b>Total</b>	90%	1%	8%	0%	5999

NI Seat Belt Survey April 2005

*The highest seat belt wearing rate for front seat passengers was recorded on rural (93%) and urban sites (91%), followed by motorway sites (90%) (See table 9).*

**Table 10 Wearing rate (%) of all back seat passengers by type of site**

<i>All cars</i> <i>Base = 100%</i>	Type of restraint worn				
	Seat Belt used	Child restraint used	Restraint unused	Not fitted	Total
	%	%	%	%	Count
<b>Motorway</b>	56%	15%	29%	0%	595
<b>Urban</b>	63%	19%	18%	0%	1006
<b>Rural</b>	64%	24%	12%		961
<b>Total</b>	62%	20%	19%	0%	2562

NI Seat Belt Survey April 2005

*The lowest level of restraint usage by back seat passengers was recorded on motorway sites where 70% were restrained, compared to 88% on rural sites and 82% on urban sites (see table 10).*

**Table 11 Wearing rate (%) of drivers by gender**

<i>All cars</i> <i>Base = 100%</i>	Type of restraint worn by driver			
	Seat Belt used	Seat Belt Unused	Not fitted	Total
	%	%	%	Count
<b>Male</b>	91%	9%	0%	9746
<b>Female</b>	95%	4%	0%	6896
<b>Total</b>	93%	7%	0%	16642

NI Seat Belt Survey April 2005

*Ninety-five percent of female drivers were restrained compared to 91% of male drivers (see table 11). Nearly three-fifths (59%) of the drivers observed were male.*

**Table 12 Proportion of drivers (%) observed using a mobile phone by gender**

<i>All cars</i> <i>Base = 100%</i>	Type of phone			
	Hand-held	Hands-free	Neither	Total
	%	%	%	Count
<b>Male</b>	.9%	.5%	98.6%	9746
<b>Female</b>	.8%	.2%	98.9%	6896
<b>Total</b>	.9%	.4%	98.7%	16642

NI Seat Belt Survey April 2005

*The level of drivers using a mobile phone is higher among males than females (see table 12).*

**Table 13      Wearing rate (%) of all front seat passengers by gender**

<i>All cars</i> <i>Base = 100%</i>	Type of restraint worn				
	Seat Belt Used	Child restraint used	Restraint Unused	Not fitted	Total
	%	%	%	%	Count
<b>Male</b>	86%	1%	13%	0%	1879
<b>Female</b>	93%	1%	6%	0%	4120
<b>Total</b>	90%	1%	8%	0%	5999

NI Seat Belt Survey April 2005

*Over two-thirds (69%) of front seat passengers were female. The pattern of high female driver restraint levels was repeated for front seat passengers. Six percent of female front seat passengers were unrestrained compared to 13% of males (see table 13).*

**Table 14      Wearing rate (%) of all back seat passengers by gender**

<i>All cars</i> <i>Base = 100%</i>	Type of restraint worn				
	Seat Belt Used	Child restraint used	Restraint Unused	Not fitted	Total
	%	%	%	%	Count
<b>Male</b>	58%	22%	20%	0%	1131
<b>Female</b>	65%	17%	18%	0%	1431
<b>Total</b>	62%	20%	19%	0%	2562

NI Seat Belt Survey April 2005

*There was little difference in the overall level of back seat restraint usage by gender (see table 14).*

**Table 15 Wearing rate (%) of drivers by age**

<i>All cars</i> <i>Base = 100%</i>	Type of restraint worn by driver			
	Seat Belt used	Seat Belt Unused	Not Fitted	Total
	%	%	%	Count
<b>60+</b>	<b>94%</b>	<b>6%</b>	<b>0%</b>	<b>2378</b>
<b>30-59</b>	<b>92%</b>	<b>8%</b>	<b>0%</b>	<b>9498</b>
<b>17-29</b>	<b>92%</b>	<b>7%</b>	<b>0%</b>	<b>4766</b>
<b>Total</b>	<b>93%</b>	<b>7%</b>	<b>0%</b>	<b>16642</b>

NI Seat Belt Survey April 2005

*Older drivers were more likely to wear seat belts. Ninety-four percent of drivers aged 60+ were restrained compared to 92% of 30-59 year olds and 17-29 year olds (see table 15).*

**Table 16 Proportion of drivers (%) observed using a mobile phone by age**

<i>All cars</i> <i>Base = 100%</i>	Type of phone			
	Hand-held	Hands-free	Neither	Total
	%	%	%	Count
<b>60+</b>	<b>.5%</b>	<b>.3%</b>	<b>99.2%</b>	<b>2378</b>
<b>30-59</b>	<b>.7%</b>	<b>.3%</b>	<b>99.0%</b>	<b>9498</b>
<b>17-29</b>	<b>1.5%</b>	<b>.4%</b>	<b>98.1%</b>	<b>4766</b>
<b>Total</b>	<b>.9%</b>	<b>.4%</b>	<b>98.7%</b>	<b>16642</b>

NI Seat Belt Survey April 2005

*The highest level of hand-held phone use is in the 17-29 age-group. (See table 16).*

**Table 17 Wearing rate (%) of all front seat passengers by age**

All cars Base = 100%	Type of restraint worn				
	Seat Belt Used	Child restraint used	Restraint Unused	Not fitted	Total
	%	%	%	%	Count
60+	94%		6%	0%	1226
30-59	93%		7%	0%	2278
14-29	88%	0%	12%	0%	1820
10-13	90%		10%		261
5-9	90%	1%	9%		312
1-4	[32]	[25]	[5]		62
0-1	[1]	[37]	[2]		40
Total	90%	1%	8%	0%	5999

NI Seat Belt Survey April 2005

The highest level of restraint usage by front seat passengers was in the 60+ age group (94%) and 30-59 age groups (93%). The lowest restraint rates was in the 14-29 age group (88%) (See table 17).

**Table 18 Wearing rate (%) of all back seat passengers by age**

All cars Base = 100%	Type of restraint worn				
	Seat Belt Used	Child restraint used	Restraint Unused	Not fitted	Total
	%	%	%	%	Count
60+	85%		15%		172
30-59	77%		23%		243
14-29	68%		32%	0%	548
10-13	81%	0%	18%		347
5-9	75%	8%	18%		608
1-4	27%	65%	8%		528
0-1	2%	97%	2%		116
Total	62%	20%	19%	0%	2562

NI Seat Belt Survey April 2005

Sixty-two percent of all back seat passengers were children (0 – 13 years). In this age bracket 82% of 5-9 year olds and 10-13 year olds, and 92% of 1-4 year old back seat passengers were restrained compared to 68% of back seat passengers aged 14 – 29 (see table 18).

**Table 19 Wearing rate (%) of drivers by age and gender**

<i>Base = 100%</i>		Type of restraint worn			
		Seat Belt Used	Restraint Unused	Not fitted	Total
		%	%	%	Count
60+	Male	93%	6%	0%	1722
	Female	96%	4%	0%	656
30 to 59	Male	90%	10%	0%	5882
	Female	96%	4%	0%	3616
17 to 29	Male	89%	10%	1%	2142
	Female	95%	5%	0%	2624
Male		91%	9%	0%	9746
Female		95%	4%	0%	6896

NI Seat Belt Survey April 2005

*Almost three-quarters (72%) of drivers aged 60+ were male compared to under a half of those aged 17–29 (45%). Wearing rates of male drivers increased slightly with age. Ninety-three percent of male drivers aged 60+ were restrained compared to 89% of 17 – 29 year old males. (See table 19).*

**Table 20 Proportion of drivers (%) observed using a mobile phone by age and gender**

<i>Base = 100%</i>		Type of phone			
		Hand-held	Hands-free	Neither	Total
		%	%	%	Count
60+	Male	.5%	.2%	99.3%	1722
	Female	.5%	.6%	98.9%	656
30 to 59	Male	.8%	.5%	98.7%	5882
	Female	.6%	.1%	99.3%	3616
17 to 29	Male	1.7%	.6%	97.7%	2142
	Female	1.3%	.3%	98.4%	2624
Male		.9%	.5%	98.6%	9746
Female		.8%	.2%	98.9%	6896

NI Seat Belt Survey April 2005

*The highest level of hand-held phone use was by males in the 17 to 29 age group (see table 20).*

**Table 21 Wearing rate (%) of all front seat passengers by age and gender**

<i>Base = 100%</i>		Type of restraint worn				Total
		Seat Belt Used	Child restraint used	Restraint Unused	Not Fitted	Count
		%	%	%	%	
60+	Male	91%		9%		240
	Female	95%		5%	0%	986
30 to 59	Male	88%		12%	0%	582
	Female	95%		5%	0%	1696
14 to 29	Male	83%	0%	16%	0%	675
	Female	91%		9%	0%	1145
10 to 13	Male	91%		9%		156
	Female	89%		11%		105
5 to 9	Male	87%	1%	12%		182
	Female	95%	1%	4%		130
1 to 4	Male	[18]	[7]	[1]		26
	Female	[14]	[18]	[4]		36
0 to 1	Male		[18]			18
	Female	[1]	[19]	[2]		22
Male		86%	1%	13%	0%	1879
Female		93%	1%	6%	0%	4120

NI Seat Belt Survey April 2005

*For all adult age groups, females were more likely to wear seat belts than males with a large difference occurring in the 30 - 59 year old category, with 95% of females and 88% of males restrained (see table 21).*

**Table 22 Wearing rate (%) of all back seat passengers by age and gender**

<i>Base = 100%</i>		Type of restrain worn				Total
		Seat Belt Used	Child restraint used	Restraint Unused	Not Fitted	Count
		%	%	%	%	
<b>60+</b>	<b>Male</b>	[34]		[11]		45
	<b>Female</b>	88%		12%		127
<b>30 to 59</b>	<b>Male</b>	[61]		[16]		77
	<b>Female</b>	75%		25%		166
<b>14 to 29</b>	<b>Male</b>	63%		36%	0%	204
	<b>Female</b>	70%		30%	0%	344
<b>10 to 13</b>	<b>Male</b>	79%		21%		173
	<b>Female</b>	83%	1%	16%		174
<b>5 to 9</b>	<b>Male</b>	73%	9%	19%		321
	<b>Female</b>	77%	7%	16%		287
<b>1 to 4</b>	<b>Male</b>	24%	67%	10%		258
	<b>Female</b>	31%	63%	7%		270
<b>0 to 1</b>	<b>Male</b>		[52]	[1]		53
	<b>Female</b>	[2]	[60]	[1]		63
<b>Male</b>		58%	22%	20%	0%	1131
<b>Female</b>		65%	17%	18%	0%	1431

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*The highest levels of restraint usage for both male and female back seat passengers were found in the younger age groups (0 – 13 years) (see table 22).*

**Table 23 Wearing rate (%) of all front seat passengers by wearing rate (%) of drivers**

Base = 100%		Front seat passenger restrained		Total
		Yes	No	Count
		%	%	
Whether driver restrained	Yes	94%	6%	5630
	No	55%	45%	369
	Total	92%	8%	5999

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The wearing rate of front seat passengers was higher when the driver was restrained (94%). When the driver was unrestrained, only 55% of front seat passengers were restrained (see table 23).

**Table 24 Wearing rate (%) of all back seat passengers by wearing rate (%) of drivers**

Base = 100%		Back seat passenger restrained		Total
		Yes	No	Count
		%	%	
Whether driver restrained	Yes	83%	17%	2427
	No	53%	47%	135
	Total	81%	19%	2562

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The wearing rate of back seat passengers was higher when the driver was restrained (83%). When the driver was unrestrained, only 53% of back seat passengers were restrained (see table 24).

**Table 25 Wearing rate (%) of drivers by number of occupants in car**

Base = 100%	Type of restraint worn by driver			
	Seat Belt used	Seat Belt Unused	Not fitted	Total
	%	%	%	Count
Driver only	92%	8%	0%	10212
Driver + 1 passenger	94%	6%	0%	4904
Driver + 2 passengers	95%	4%	0%	1037
Driver + 3 passengers	94%	6%	1%	371
Driver + 4 or more passengers	93%	7%		118
Total	93%	7%	0%	16642

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The majority of cars (61%) had the driver as the only occupant while less than 1% had five or more occupants. Where a car had more than one passenger, the wearing rate was slightly higher than for car containing only a driver (See table 25).

**Table 26 Wearing rate (%) of all drivers by gender and number of occupants in car**

Base = 100%		Type of restraint worn by driver			Total
		Seat Belt Used	Seat Belt Unused	Not Fitted	Count
		%	%	%	
Driver only	Male	89%	11%	0%	5767
	Female	95%	5%	0%	4445
Driver + 1 passenger	Male	93%	7%	0%	3058
	Female	96%	4%	0%	1846
Driver + 2 passengers	Male	95%	5%	0%	605
	Female	96%	3%	0%	432
Driver + 3 passengers	Male	92%	8%		236
	Female	96%	2%	1%	135
Driver + 4 or more passengers	Male	[74]	[6]		80
	Female	[36]	[2]		38
Male		91%	9%	0%	9746
Female		95%	4%	0%	6896

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*In cars with a male driver only, the wearing rate was 89% whereas with the presence of passengers the rate rose to between 92% and 95%. Overall female drivers wearing rates were relatively unaffected by the presence of passengers (see table 26).*

**Table 27 Percentage of cars with occupants restrained by the number of occupants in the car**

Base = 100%	Percentage of restrained occupants						Total
	0	1	2	3	4	5+	Count
	%	%	%	%	%	%	
Driver only	8%	92%					10212
Driver + 1 passenger	3%	10%	88%				4904
Driver + 2 passengers	2%	4%	19%	75%			1037
Driver + 3 passengers	3%	3%	8%	11%	75%		371
Driver + 4 or more passengers	1%	2%	17%	13%	16%	52%	118
Total	6%	59%	27%	5%	2%	0%	16642

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*As the number of occupants in a car increased, the likelihood of all the occupants in it being restrained decreased considerably. Of vehicles with a driver only, 92% were restrained and those with 2 occupants, 88% had all occupants restrained. In contrast, in only 52% of cars with five or more occupants were all persons restrained (see table 27).*

## Appendix

### Numbers of cars observed by time of session and site

**Day: Tuesday**

Base = 100%	@ / @ / Time								Total
	08.30	09.30	10.30	11.30	02.00	03.00	04.00	05.00	
M1 at Broadway	85	76	73	78	80	77	74	76	619
M2 at Duncrue	86	87	82	80	81	81	84	85	666
M1 at Black s Road	29	46	31	54	61	72	78	57	428
Antrim Rd/D gall Park Ave	78	76	59	47	60	55	39	39	453
Knock Dual Carriageway	85	86	83	83	79	84	83	81	664
Saintfield Road	4	73	76	61	80	84	84	85	547
Derriaghy	86	77	83	70	82	81	76	87	642
Strand Rd, L derry	73	65	58	79	79	82	68	76	580
Anne St, Enniskillen	52	57	66	52	57	67	78	53	482
Milltown Rd/Shaw s Bridg	86	78	79	76	78	81	85	81	644
Banbridge	75	51	54	42	44	48	54	77	445
Hillhead Rd, Ballyclare	83	80	57	60	61	69	72	81	563
Ballvsallagh Rd, Bangor	70	45	23	36	48	44	49	72	387
A505 Cookstown to Omagh	72	69	67	72	79	80	78	79	596
Carrickfergus/Greenisland	83	78	81	80	79	82	80	83	646
<b>Total</b>	<b>1047</b>	<b>1044</b>	<b>972</b>	<b>970</b>	<b>1048</b>	<b>1087</b>	<b>1082</b>	<b>1112</b>	<b>8362</b>

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**Day: Saturday**

Base = 100%	@ / @ / Time								Total
	08.30	09.30	10.30	11.30	02.00	03.00	04.00	05.00	
M1 at Broadway	84	76	77	81	84	84	87	82	655
M2 at Duncrue	87	83	87	86	86	88	89	87	693
M1 at Black s Road	15	37	52	62	52	59	52	50	379
Antrim Rd/D gall Park Ave	43	64	41	60	63	53	56	62	442
Knock Dual Carriageway	88	83	86	83	90	90	88	88	696
Saintfield Road	85	86	81	83	88	88	86	89	686
Derriaghy	80	86	81	87	83	85	86	87	675
Strand Rd, L derry	19	22	17	16	24	23	31	30	182
Anne St, Enniskillen	38	60	75	69	65	88	75	54	524
Milltown Rd/Shaw s Bridg	85	84	88	84	87	80	85	85	678
Banbridge	43	61	51	79	69	60	44	63	470
Hillhead Rd, Ballyclare	76	79	78	85	69	72	63	66	588
Ballvsallagh Rd, Bangor	25	33	41	37	44	37	38	35	290
A505 Cookstown to Omagh	74	77	80	76	83	84	83	84	641
Carrickfergus/Greenisland	81	84	88	83	88	82	87	88	681
<b>Total</b>	<b>923</b>	<b>1015</b>	<b>1023</b>	<b>1071</b>	<b>1075</b>	<b>1073</b>	<b>1050</b>	<b>1050</b>	<b>8280</b>

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