



Department of the Environment
for Northern Ireland

Northern Ireland Seat Belt Survey

April 2003



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

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Appendix 1	Overall Observations

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 fourteenth 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 8 and Saturday 12 April 2003. In total 18,632 cars were observed and details of 28,660 occupants recorded.

Summary of Key Results from NI Seat Belt Surveys* 1994-2003

	1994	1995	1996	1997	1998	1999	2000	Apr 2001	Oct 2001	Apr 2002	Apr 2003
% of car occupants wearing seatbelts											
Driver	88%	85%	85%	85%	87%	86%	87%	86%	88%	90%	90%
Front Seat	88%	86%	85%	86%	88%	86%	87%	86%	89%	89%	89%
Back Seat	52%	50%	51%	56%	61%	62%	65%	67%	71%	72%	75%
Of which:											
Under 1 year	96%	96%	97%	95%	96%	93%	97%	98%	97%	95%	97%
1-4 years	70%	65%	72%	78%	78%	78%	82%	86%	86%	85%	87%
5-9 years	50%	49%	50%	54%	61%	62%	68%	65%	73%	71%	75%
10-13 years	47%	47%	47%	51%	58%	65%	65%	68%	70%	72%	75%
Overall Wearing Rate		80%	80%	81%	84%	83%	84%	84%	87%	88%	88%
Occupancy Rate											
Front Seat Passengers	0.41	0.39	0.40	0.40	0.38	0.38	0.38	0.37	0.38	0.36	0.37
Back Seat Passengers	0.27	0.24	0.24	0.23	0.21	0.20	0.21	0.20	0.18	0.17	0.17

Summary

Restraint wearing rates

Eighty-eight percent of all car occupants used a restraint. Drivers (90%) and front seat passengers (89%) were more likely to use a restraint than back seat passengers (75%) (see tables 2-5).

Change since April 2002

The percentage of car occupants using a restraint remain the same, back seat passenger rates increased from 72% to 75%, and driver and front seat wearing rates remain the same at 90% and 89% respectively. (see figures 6-8).

Survey trends

Results for the April 2003 Seat Belt Survey have followed a similar pattern to those of previous surveys. Wearing rates overall have improved since 1994, driver wearing rates have remained at their highest 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 75% (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 2003) the wearing rates for Great Britain were 91% for drivers, 92% for front seat passengers and 80% for back seat passengers. This last figure has rose considerably from 63% in April 1997 (see figures 6-8).

Road Type

Drivers were more likely to use a restraint on rural roads than other types of road (91%). Front seat passengers were most likely to be restrained on both rural roads and the motorway (90%). Back seat passengers wearing rates varied from 77% on rural roads and 76% motorways to 73% on urban roads (see tables 7, 9-10).

Gender

Female drivers and front seat passengers were more likely than males to use a restraint. There was no 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, 92% of drivers aged 60+ were restrained compared to 88% of drivers aged 17 – 29 and 90% aged 30 - 59 (see tables 15, 17-18).

Children

The majority of children (83% of ages 1-4, 91% of ages 5-9 and 89% of ages 10-13) were restrained when travelling as front seat passengers in a car. However, 25% of children aged 10-13, 25% of children aged 5-9, and 13% aged 1-4 were unrestrained when travelling in the back of a car (see tables 15, 17-18).

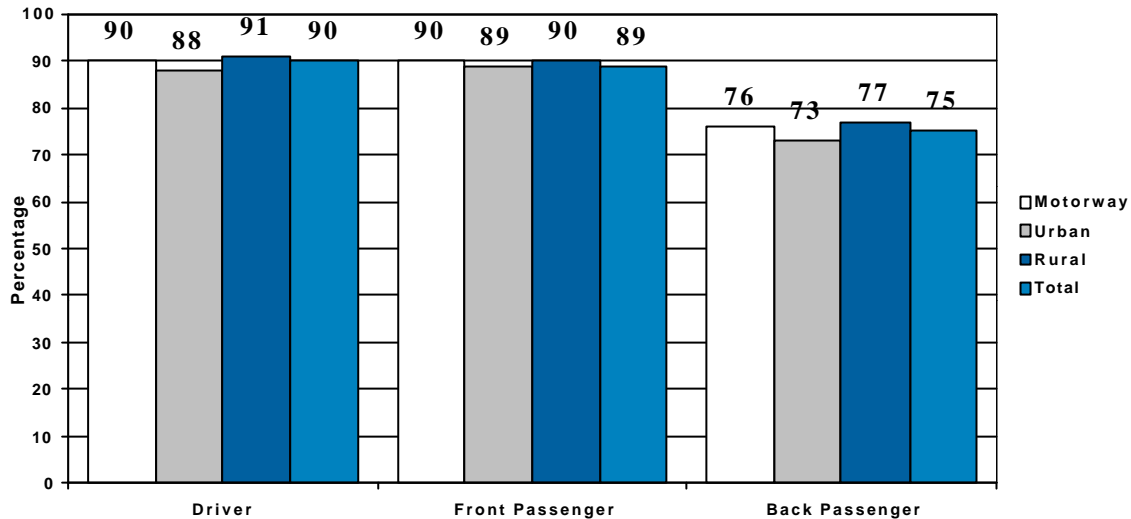
Mobile Phones

This is the first Northern Ireland Seat Belt survey that has observed the use of mobile phones by drivers. Ninety-eight and a half percent of drivers were not using a mobile phone. Of the 1.5% of drivers that were using a phone 1.1% were using a hand-held phone and 0.4% were using a hands-free phone (see table 6).

Main Findings

Almost two fifths of all cars (37%) contained front seat passengers. In addition there was an average of 17 back seat passengers per 100 cars (see table 1).

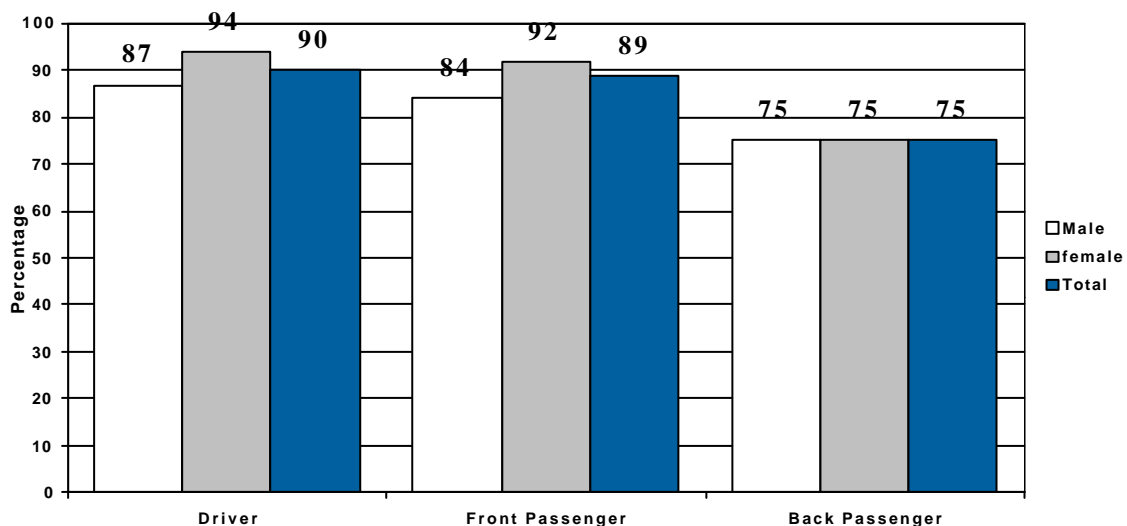
Figure 1: Wearing rate of drivers, front seat passengers, and back seat passengers by type of site.



In relation to type of site (motorway, urban, rural), the highest seat belt wearing rate was among rural drivers (91%), followed by drivers on motorways and front seat passengers on both the motorway and rural roads (90% restrained). Back seat passengers were more likely to be restrained at rural sites (77%) (see figure 1).

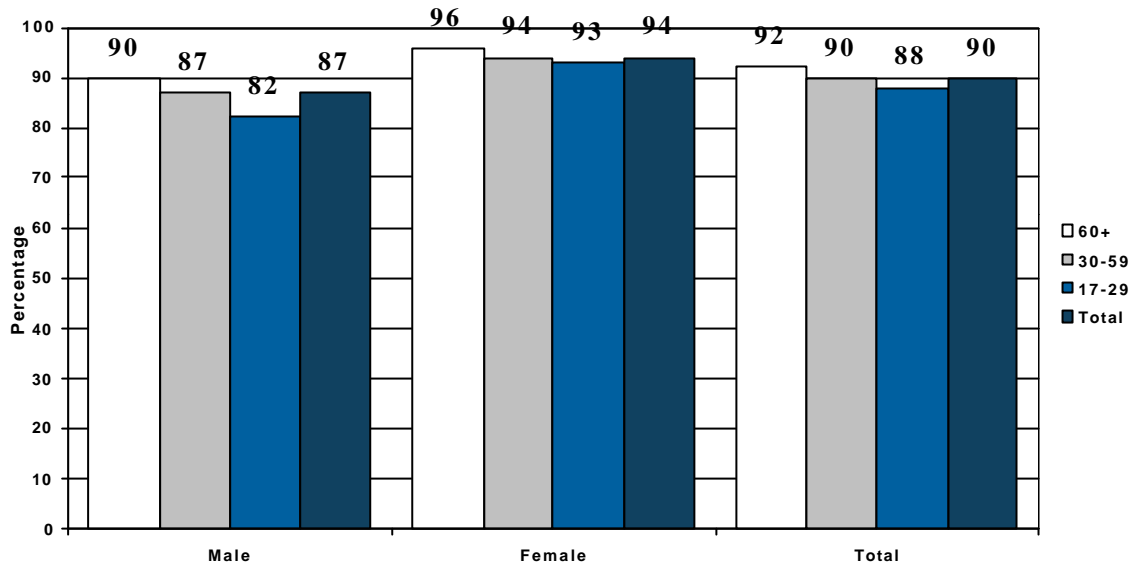
Both female drivers and front seat passengers had a higher rate of restraint usage than males. There was no difference between male and female restraint rates for back seat passengers (see figure 2).

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 (92%) among drivers overall was found in the 60+ age group. Looking at table 19 we can see that there is a rise from 82% of 17-29 year old male drivers to 90% of 60+ male drivers being restrained. There is less of a difference for female drivers with 93% of 17-29 year olds restrained and 96% of 60+ year olds restrained (see figure 3).

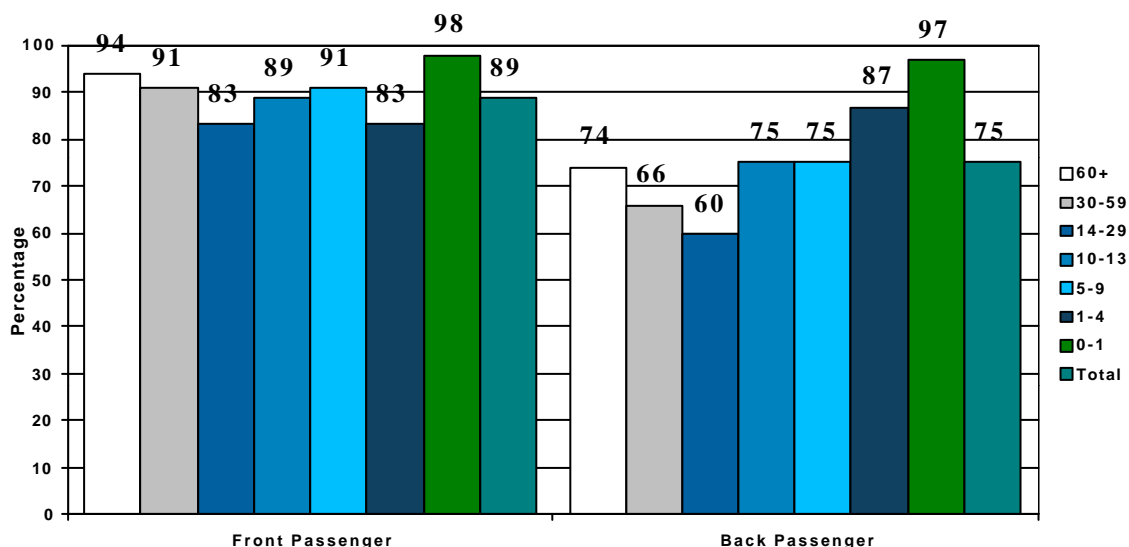
Figure 3: Wearing rate of drivers by age and gender



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 (95%), which decreased slightly to 94% of female 30-59 year olds (see table 21). The majority of child front seat passengers were restrained, 89% 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 (98%) (see table 17).

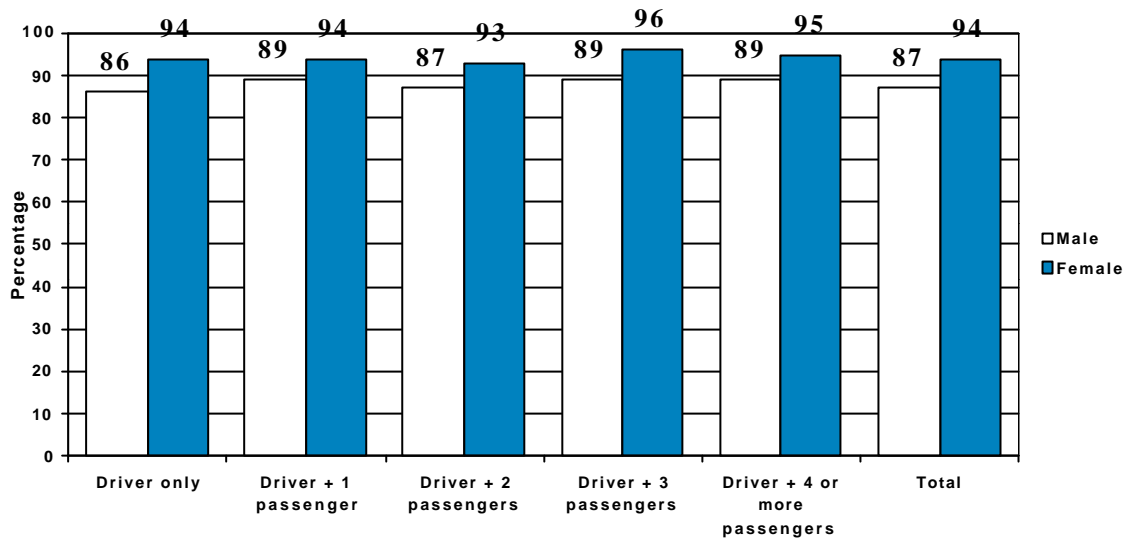
Child back seat passengers were far more likely than adult back seat passengers to be restrained. Ninety – seven percent of back seat passengers aged less than one year were restrained, as were 87% of children aged 1-4 in the back seat. However only 75% of child back seat passengers aged 5-9 and 10-13 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, 92% of front seat passengers and 78% of back seat passengers were also restrained. Where drivers were unrestrained, only 56% of front seat passengers and 47% of back seat passengers were restrained (see table 23 and 24).

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



In general, wearing rates of drivers overall also increased slightly as the number of occupants increased. This ranged from 89% with no passengers to 90% with two or more passengers, and 92% with three 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 cars with five or more occupants had all occupants restrained, whereas 84% of cars 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 9 years for Northern Ireland and Great Britain. Car occupants in Northern Ireland are less likely to use a restraint than those in Great Britain, where wearing rates were, 91% for drivers, 92% for front seat passengers and 80% for back seat passengers in April 2003, compared to Northern Ireland figures of 90%, 89% and 75% respectively in April 2003.

Figure 6: Comparison of Driver Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2003.

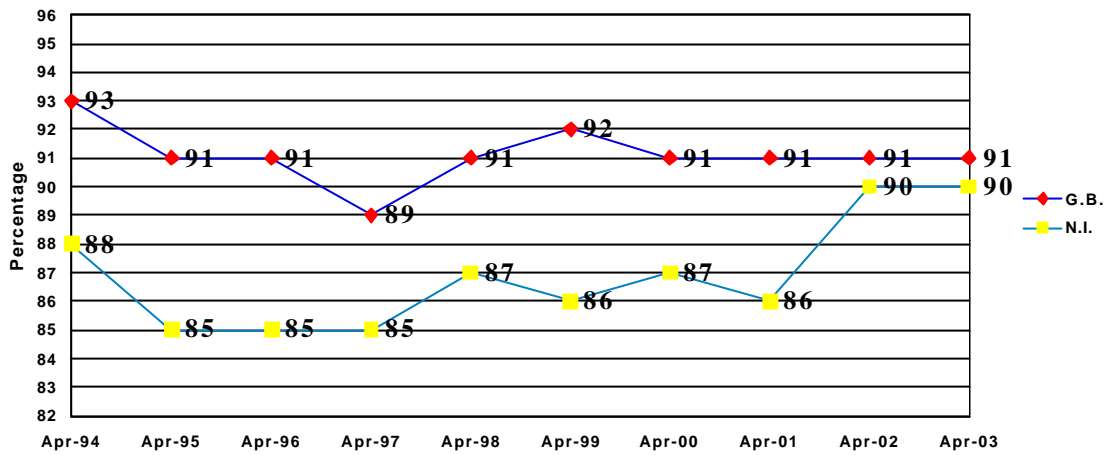
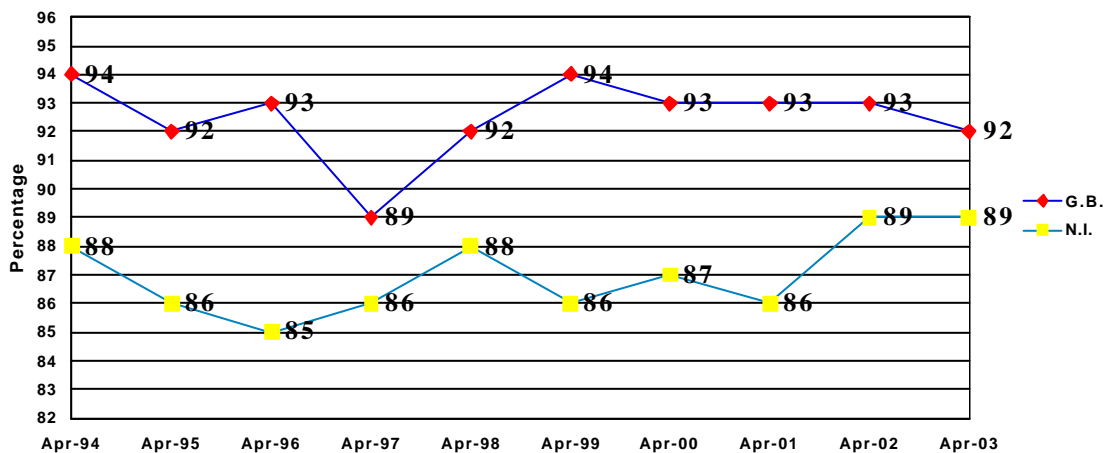
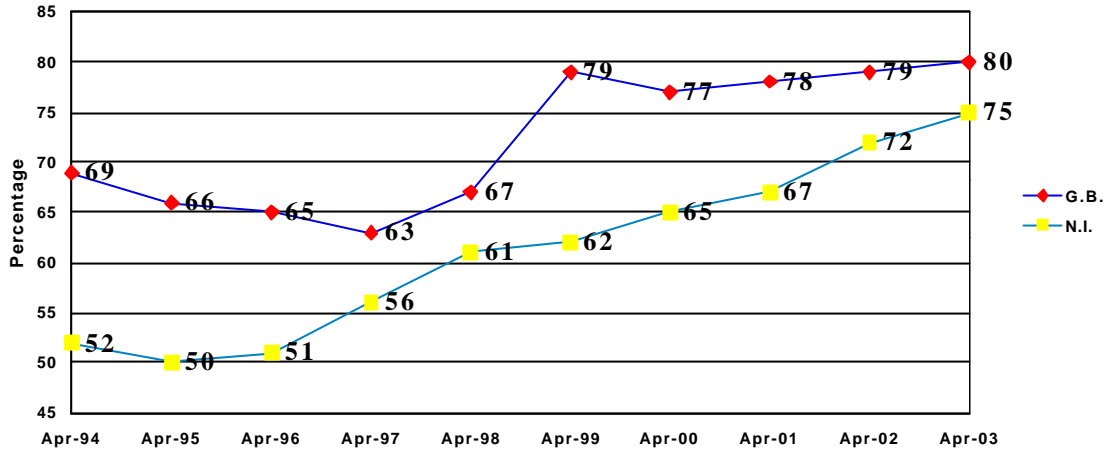


Figure 7: Comparison of Front Seat Passenger Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2003.



In Northern Ireland back seat passenger wearing rates rose to 75% continuing a steady rise from 50% in April 1995.

Figure 8: Comparison of Back Seat Back Passenger Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2003.



In Great Britain four Seat Belt surveys have observed the use of mobile phones to date, however in Northern Ireland this is the first. 1.3% of drivers in Great Britain were using a mobile phone in October 2000, but in April 2002 this had risen to 2.1%. In Northern Ireland 1.5% of drivers were observed using a mobile phone.

Table 1 Occupancy rates of cars

<i>All cars</i> <i>Base = 100%</i>	Position of Passengers		Total
	Front Seat	Back Seat	Cases
	%	%	
Total	37%	17%	18632

NI Seat Belt Survey April 2003

On average, there were 37 front seat passengers and 17 back seat passengers per 100 cars 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
Total	90%	10%	0%	18632

NI Seat Belt Survey April 2003

The majority of drivers observed at all sites (90%) were restrained (see table 2).

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

<i>All cars</i> <i>Base = 100%</i>	Restraint usage				Total
	Seat Belt used	Child restraint used	Seat Belt unused	Not fitted	Count
	%	%	%	%	
Total	88%	1%	10%	0%	6854

NI Seat Belt Survey April 2003

As with drivers, the majority of front seat passengers were restrained. On average 88% 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

All cars Base = 100%	Type of restraint worn				Total Count
	Seat Belt used	Child restraint	Restraint Unused	Not fitted	
	%	%	%	%	
Total	54%	21%	25%	0%	3174

NI Seat Belt Survey April 2003

Seventy-five percent of all back seat passengers were restrained (see table 4).

Table 5 Wearing rate (%) of all car occupants

All cars Base = 100%	Type of restraint worn				Total Count
	Seat Belt used	Child restraint used	Restraint Unused	Not fitted	
	%	%	%	%	
Total	85%	3%	12%	0%	28660

NI Seat Belt Survey April 2003

Irrespective of their position in the car the majority of car occupants (88%) were restrained. Of all occupants, 85% used a seat belt and 3% used a child restraint (see table 5).

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

All cars Base = 100%	Type of phone			Total Count
	Hand-held	Hands-free	Neither	
	%	%	%	
Total	1.1%	.4%	98.5%	18632

NI Seat Belt Survey April 2003

Ninety-eight and a half percent of drivers were not using a mobile phone. Of the 1.5% of drivers that were using a mobile phone 1.1% 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

All cars Base = 100%	Type of restraint worn by driver			
	Seat Belt Used	Seat Belt unused	Not fitted	Total
	%	%	%	Count
Motorway	90%	10%	0%	4262
Urban	88%	12%	0%	7145
Rural	91%	9%	0%	7225
Total	90%	10%	0%	18632

NI Seat Belt Survey April 2003

The highest level of seat belt wearing by drivers was on rural sites (91%), followed by motorway sites (90%) and urban sites (88%) (see table 7).

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

All cars Base = 100%	Type of phone			
	Hand-held	Hands-free	Neither	Total
	%	%	%	Count
Motorway	.8%	.4%	98.8%	4262
Urban	1.1%	.3%	98.6%	7145
Rural	1.2%	.5%	98.3%	7225
Total	1.1%	.4%	98.5%	18632

NI Seat Belt Survey April 2003

The proportion of drivers using a mobile phone is higher on rural roads (see table 8).

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

All cars Base = 100%	Restraint usage				
	Seat Belt used	Child restraint used	Seat Belt unused	Not fitted	Total
	%	%	%	%	Count
Motorway	89%	1%	10%		1552
Urban	88%	1%	11%	0%	2677
Rural	89%	1%	10%	0%	2625
Total	88%	1%	10%	0%	6854

NI Seat Belt Survey April 2003

The highest seat belt wearing rate for front seat passengers was recorded on motorway and rural sites (90%), followed by urban sites (89%) (see table 9).

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

All cars Base = 100%	Type of restraint worn				Total Count
	Seat Belt used	Child restraint used	Restraint unused	Not fitted	
	%	%	%	%	
Motorway	59%	17%	24%	0%	623
Urban	52%	21%	27%		1333
Rural	54%	23%	23%		1218
Total	54%	21%	25%	0%	3174

NI Seat Belt Survey April 2003

The lowest level of restraint usage by back seat passengers was recorded on urban sites where 73% were restrained, compared to 77% on rural sites and 76% on motorway sites (see table 10).

Table 11 Wearing rate (%) of drivers by gender

All cars Base = 100%	Type of restraint worn by driver			Total Count
	Seat Belt used	Seat Belt Unused	Not fitted	
	%	%	%	
Male	87%	13%	0%	11135
Female	94%	6%	0%	7497
Total	90%	10%	0%	18632

NI Seat Belt Survey April 2003

Almost three-fifths of the drivers observed were male. However, 94% of female drivers were restrained compared to 87% of male drivers (see table 11).

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

All cars Base = 100%	Type of phone			Total Count
	Hand-held	Hands-free	Neither	
	%	%	%	
Male	1.2%	.5%	98.3%	11135
Female	.9%	.3%	98.8%	7497
Total	1.1%	.4%	98.5%	18632

NI Seat Belt Survey April 2003

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
Male	83%	1%	15%	0%	2088
Female	91%	1%	8%	0%	4766
Total	88%	1%	10%	0%	6854

NI Seat Belt Survey April 2003

Over two-thirds (70%) of front seat passengers were female. The pattern of high female driver restraint levels was repeated for front seat passengers. Eight percent of female front seat passengers were unrestrained compared to 15% 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
Male	53%	22%	25%	0%	1402
Female	55%	20%	25%		1772
Total	54%	21%	25%	0%	3174

NI Seat Belt Survey April 2003

There was no difference in the overall level of back seat restraint usage by gender (see table 14).

Table 15 Wearing rate (%) of drivers by age

All cars Base = 100%	Type of restraint worn by driver			
	Seat Belt used	Seat Belt Unused	Not Fitted	Total
	%	%	%	Count
60+	92%	8%	0%	2701
30-59	90%	10%	0%	11273
17-29	88%	12%	0%	4658
Total	90%	10%	0%	18632

NI Seat Belt Survey April 2003

Older drivers were more likely to wear seat belts. Ninety two percent of drivers aged 60+ were restrained compared to 90% of 30-59 year olds and, 88% of 17-29 year olds (see table 15).

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

All cars Base = 100%	Type of phone			
	Hand-held	Hands-free	Neither	Total
	%	%	%	Count
60+	.3%	.5%	99.2%	2701
30-59	1.0%	.4%	98.6%	11273
17-29	1.6%	.3%	98.1%	4658
Total	1.1%	.4%	98.5%	18632

NI Seat Belt Survey April 2003

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%		1415
30-59	91%		9%	0%	2711
14-29	83%		17%	0%	1897
10-13	89%		11%		331
5-9	91%	0%	9%		365
1-4	[48]	[27]	[15]		90
0-1		[44]	[1]		45
Total	88%	1%	10%	0%	6854

NI Seat Belt Survey April 2003

The highest level of restraint usage by front seat passengers were in the 60+ age group (94%), and the 30 – 59 and 5 - 9 age groups (91%). The lowest restraint rates were in the 14-29 and 1-4 year old age groups (83%) (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+	74%		26%		227
30-59	66%		34%		302
14-29	60%		40%	0%	643
10-13	74%	1%	25%		396
5-9	70%	5%	25%		723
1-4	23%	64%	13%		718
0-1		97%	3%		165
Total	54%	21%	25%	0%	3174

NI Seat Belt Survey April 2003

Sixty – three percent of all back seat passengers were children (0 – 13 years). In this age bracket 75% of 5-9 year olds and 87% of 1-4 year old back seat passengers were restrained compared to 60% of back seat passengers aged 14 – 29 (see table 18).

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

Base = 100%		Type of restraint worn			
		Seat Belt Used	Restraint Unused	Not fitted	Total
		%	%	%	Count
60+	Male	90%	10%	0%	1958
	Female	96%	4%	0%	743
30 to 59	Male	87%	12%	1%	7010
	Female	94%	6%	0%	4263
17 to 29	Male	82%	17%	1%	2167
	Female	93%	7%	0%	2491
Male		87%	13%	0%	11135
Female		94%	6%	0%	7497

NI Seat Belt Survey April 2003

Almost three – quarters (72%) of drivers aged 60+ were male compared to just under half (46%) of those aged 17 – 29. Wearing rates of male drivers increased slightly with age. Ninety percent of male drivers aged 60+ were restrained compared to 82% of 17 – 29 year olds. (see table 19).

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

Base = 100%		Type of phone			
		Hand-held	Hands-free	Neither	Total
		%	%	%	Count
60+	Male	.4%	.4%	99.2%	1958
	Female	.1%	.8%	99.1%	743
30 to 59	Male	1.2%	.5%	98.3%	7010
	Female	.8%	.3%	98.9%	4263
17 to 29	Male	1.9%	.4%	97.7%	2167
	Female	1.4%	.2%	98.4%	2491
Male		1.2%	.5%	98.3%	11135
Female		.9%	.3%	98.8%	7497

NI Seat Belt Survey April 2003

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

Base = 100%		Type of restraint worn				Total
		Seat Belt Used	Child restraint used	Restraint Unused	Not Fitted	Count
		%	%	%	%	
60+	Male	90%		10%		263
	Female	95%		5%		1152
30 to 59	Male	85%		15%	0%	712
	Female	94%		6%	0%	1999
14 to 29	Male	79%		21%	0%	691
	Female	85%		15%		1206
10 to 13	Male	88%		12%		169
	Female	91%		9%		162
5 to 9	Male	92%		8%		194
	Female	89%	0%	11%		171
1 to 4	Male	[23]	[16]	[7]		46
	Female	[25]	[11]	[8]		44
0 to 1	Male		[13]			13
	Female		[31]	[1]		32
Male		83%	1%	15%	0%	2088
Female		91%	1%	8%	0%	4766

NI Seat Belt Survey April 2003

For all adult age groups, females were more likely to wear seat belts than males with the largest difference occurring in the 30 - 59 year old category, with 94% of females and 85% of males restrained (see table 21).

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

Base = 100%		Type of restrain worn				Total
		Seat Belt Used	Child restraint used	Restraint Unused	Not Fitted	Count
		%	%	%	%	
60+	Male	[53]		[17]		70
	Female	75%		25%		157
30 to 59	Male	[51]		[34]		85
	Female	68%		32%		217
14 to 29	Male	58%		42%	0%	269
	Female	62%		38%		374
10 to 13	Male	79%	1%	20%		189
	Female	71%		29%		207
5 to 9	Male	71%	4%	25%		361
	Female	69%	6%	25%		362
1 to 4	Male	23%	63%	14%		356
	Female	24%	65%	11%		362
0 to 1	Male		[69]	[3]		72
	Female		[91]	[2]		93
Male		53%	22%	25%	0%	1402
Female		55%	20%	25%		1772

NI Seat Belt Survey April 2003

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	92%	8%	6203
	No	56%	44%	651
	Total	89%	10%	6854

NI Seat Belt Survey April 2003

The wearing rate of front seat passengers was higher when the driver was restrained (92%). When the driver was unrestrained, only 56% 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	78%	22%	2891
	No	47%	52%	283
	Total	75%	25%	3174

NI Seat Belt Survey April 2003

The wearing rate of back seat passengers was higher when the driver was restrained (78%). When the driver was unrestrained, only 47% 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	89%	11%	0%	11260
Driver + 1 passenger	91%	9%	0%	5461
Driver + 2 passengers	90%	10%	0%	1284
Driver + 3 passengers	92%	8%	0%	495
Driver + 4 or more passengers	91%	9%		132
Total	90%	10%	0%	18632

NI Seat Belt Survey April 2003

The majority of cars (60%) had the driver as the only occupant while only 1% had five or more occupants. Where a car had up to four or more passengers the wearing rate was slightly higher than for cars 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	86%	14%	0%	6614
	Female	94%	6%	0%	4646
Driver + 1 passenger	Male	89%	11%	0%	3368
	Female	94%	6%	0%	2093
Driver + 2 passengers	Male	87%	12%	0%	755
	Female	93%	7%	0%	529
Driver + 3 passengers	Male	89%	11%		310
	Female	96%	4%	0%	185
Driver + 4 or more passengers	Male	[78]	[10]		88
	Female	[42]	[2]		44
Male		87%	13%	0%	11135
Female		94%	6%	0%	7497

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In cars with a male driver only, the wearing rate was 86% whereas with the presence of passengers the rate rose to between 87% and 89%. 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	10%	90%					11260
Driver + 1 passenger	4%	12%	84%				5461
Driver + 2 passengers	4%	8%	23%	65%			1284
Driver + 3 passengers	2%	5%	15%	14%	63%		495
Driver + 4 or more passengers	2%	5%	15%	11%	14%	52%	132
Total	8%	58%	27%	5%	2%	0%	18632

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As the number of occupants in a car increased, the likelihood of all the occupants in the car being restrained decreased considerably. Of cars with a driver only, ninety percent were restrained and with cars with 2 occupants, 84% 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%	08.30	09.30	10.30	11.30	02.00	03.00	04.00	05.00	Total
M1 at Broadway	88	90	90	90	90	90	90	90	718
M2 at Duncrue	90	88	90	90	90	90	90	89	717
M1 at Blacks Road	60	88	89	89	89	90	90	90	685
Antrim Rd	89	89	90	90	90	90	90	90	718
Knock Dual Carriageway	90	90	90	88	90	87	90	90	715
Saintfield Road	89	89	90	90	90	90	90	90	718
Derriaghy	36	42	47	41	49	56	53	78	402
Strand Rd, L derry	88	63	74	68	77	63	88	74	595
Anne St, Enniskille	44	81	61	53	62	85	87	62	535
Milltown Rd to Sha Bridge	90	90	90	89	90	89	90	89	717
Banbridge	87	72	62	61	51	53	62	85	533
Hillhead Rd, Ballyclare	86	82	53	61	56	74	81	55	548
Ballysallagh Rd, Bangor	62	46	34	50	60	72	45	76	445
Omagh	89	87	89	88	89	87	88	89	706
Carrickfergus to Greenisland	90	90	75	90	79	90	89	89	692
Total	1178	1187	1124	1138	1152	1206	1223	1236	9444

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Day: Saturday

Base = 100%	08.30	09.30	10.30	11.30	02.00	03.00	04.00	05.00	Total
M1 at Broadway	88	90	90	90	90	90	90	90	718
M2 at Duncrue	90	88	90	90	90	89	90	90	717
M1 at Blacks Road	79	90	90	89	90	90	90	89	707
Antrim Rd	89	90	88	90	88	88	89	90	712
Knock Dual Carriageway	90	90	90	89	89	90	90	89	717
Saintfield Road	90	90	90	89	89	90	90	90	718
Derriaghy	22	35	49	50	42	45	35	54	332
Strand Rd, L derry	49	59	62	63	65	64	50	52	464
Anne St, Enniskille	20	60	88	60	74	78	84	55	519
Milltown Rd to Sha Bridge	90	90	90	90	90	90	90	90	720
Banbridge	53	59	58	66	70	65	60	56	487
Hillhead Rd, Ballyclare	73	75	88	75	90	90	80	89	660
Ballysallagh Rd, Bangor	25	43	28	49	61	49	48	50	353
Omagh	90	90	90	90	90	90	90	90	720
Carrickfergus to Greenisland	85	83	90	87	87	68	73	71	644
Total	1033	1132	1181	1167	1205	1176	1149	1145	9188

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