## Northern Ireland Seat Belt Survey April 2007

September 2007


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## Technical Notes

1. Any statements in this report regarding differences between groups, such as males and females are statistically significant at the 5\% significance level. This significance level is the criteria for judging whether differences between groups might have arisen by chance. The most common criteria is the $5 \%$ level, i.e. the probability being one in twenty that a difference might have arisen by chance.
2. The percentages quoted in this report are quoted to the nearest whole number. As a result, not all percentages may add to 100 due to this rounding.
3. The wearing rates quoted include seatbelt and child restraint where applicable.

## Notation

4. The following symbols are used:

No responses in category - cell is empty
Value of category is less then $0.5 \%$ - cell is $0 \%$
Note:
a) For categories with a cell total less then 100, counts are shown instead of percentages. All counts are shown in square brackets.

## Background to the Survey

This is the eighteenth in a series of Seat Belt Surveys. The series, which began in 1994, had been conducted biannually, in April and October. However, since 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 were 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 24th and Saturday $28^{\text {th }}$ April 2007. In total 16,364 cars were observed and details of 25,121 occupants recorded.

## Summary

## Overall restraint wearing rates in 2007

Ninety-five percent of car occupants observed used a restraint. Ninety-five percent of drivers and front seat passengers wore a restraint, so too did ninety percent of back seat passengers (see tables 3-6).

## Restraint wearing rates by type of site in 2007

Ninety-five percent of drivers on urban roads and motorways were restrained. Ninety-six percent of drivers on rural roads were restrained. Front seat passengers observed wearing rate was $95 \%$ on rural and urban roads, and $93 \%$ on motorways. Back seat passengers observed wearing rates varied from $93 \%$ on rural roads to $89 \%$ on urban roads and 86\% on motorways (see tables 7-9).

## Restraint wearing rates by gender in 2007

Ninety-seven percent of female and 94\% of male drivers were restrained. With regard to front seat passengers, $96 \%$ of females and $92 \%$ of males were restrained (see tables 10-12).

## Adult restraint wearing rates in 2007

Ninety six percent of drivers aged 60+, and 95\% of drivers aged 17-29 and 30-59 were restrained (see tables 13-15).

## Child restraint wearing rates in 2007

Eight percent of children aged 10-13, and 10\% of those aged 5-9 were unrestrained when travelling in the back of a car (see tables 14-15).

## Wearing rates by whether driver is restrained 2007

When the driver wore a seat belt, the wearing rate of front seat passengers was $96 \%$. When the driver was not wearing a seat belt, $59 \%$ of front seat passengers were restrained (See tables 19-20).

## Mobile phone usage in 2007

This is the fifth Northern Ireland Seat Belt Survey that has observed the use of mobile phones by drivers. Just over $1.5 \%$ of drivers were using a mobile phone ( $1.2 \%$ were using a hand-held phone and $0.4 \%$ were using a hands-free phone) (see tables 24-28).

## Survey trends

Wearing rates overall have improved since 1994. Driver and front seat wearing rates have each increased from $88 \%$ to $95 \%$. Back seat wearing rates have increased fairly consistently from 52\% in 1994 to a high of $90 \%$ in 2007 (See table 1 and figures 5-9).

## Comparison with Great Britain

According to the latest GB figures available (April 2006) the wearing rates were $93 \%$ for drivers, $95 \%$ for front seat passengers and $85 \%$ for back seat passengers. This last figure has risen considerably from $63 \%$ in April 1997. The 2007 Great Britain Seat Belt Survey was carried out in June 2007, however results are not yet available (See figures 5-9).

## Table 1: Summary of Key Results from NI Seat Belt Surveys 1994-2007

|  | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | $\begin{array}{\|l\|} \hline \text { Apr- } \\ 01 \end{array}$ | $\begin{aligned} & \hline \text { Oct- } \\ & 01 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 02 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 03 \end{aligned}$ | $\begin{aligned} & \hline \text { Apr- } \\ & 04 \end{aligned}$ | $\begin{array}{\|l\|} \hline \text { Apr- } \\ 05 \end{array}$ | $\begin{aligned} & \text { Apr- } \\ & 06 \end{aligned}$ | Apr- $07$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \% of car occupants wearing seatbelts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Driver | 88 | 85 | 85 | 85 | 87 | 86 | 87 | 86 | 88 | 90 | 90 | 91 | 93 | 93 | 95 |
| Front Seat | 88 | 86 | 85 | 86 | 88 | 86 | 87 | 86 | 89 | 89 | 89 | 90 | 92 | 93 | 95 |
| Back Seat | 52 | 50 | 51 | 56 | 61 | 62 | 65 | 67 | 71 | 72 | 75 | 77 | 81 | 85 | 90 |
| Of which: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Under 1 year | 96 | 96 | 97 | 95 | 96 | 93 | 97 | 98 | 97 | 95 | 97 | 98 | 98 | 96 | 98 |
| 1-4 years | 70 | 65 | 72 | 78 | 78 | 78 | 82 | 86 | 86 | 85 | 87 | 88 | 92 | 96 | 96 |
| 5-9 years | 50 | 49 | 50 | 54 | 61 | 62 | 68 | 65 | 73 | 71 | 75 | 77 | 82 | 84 | 90 |
| 10-13 years | 47 | 47 | 47 | 51 | 58 | 65 | 65 | 68 | 70 | 72 | 75 | 78 | 82 | 86 | 92 |
| Overall Wearing Rate \% | 82 | 80 | 80 | 81 | 84 | 83 | 84 | 84 | 87 | 88 | 88 | 89 | 91 | 93 | 95 |
| Occupancy Rate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Front Seat Passengers | 0.41 | 0.39 | 0.4 | 0.4 | 0.38 | 0.38 | 0.38 | 0.37 | 0.38 | 0.36 | 0.37 | 0.37 | 0.36 | 0.35 | 0.37 |
| Back Seat <br> Passengers | 0.27 | 0.24 | 0.24 | 0.23 | 0.21 | 0.2 | 0.21 | 0.2 | 0.18 | 0.17 | 0.17 | 0.16 | 0.15 | 0.15 | 0.17 |

## Main Findings

## Occupancy rates 2007

Almost two fifths of all vehicles (37\%) contained front seat passengers. In addition there was an average of 17 back seat passengers per 100 vehicles (see table 2 ).

## Wearing rate by type of site 2007

Drivers are equally likely to wear a restraint, irrespective of the type of road they were travelling on. Front seat and back seat passengers were least likely to be restrained when travelling on motorways (see figure 1).

Figure 1: 2007 wearing rate of drivers, front seat passengers and back seat passengers by type of site


## Wearing rate by gender 2007

Male and female back seat passengers are equally likely to be restrained. Female drivers and front seat passengers are more likely to be restrained than their male counterparts (see figure 2).

Figure 2: 2007 wearing rate of drivers, front seat passengers, and back seat passengers by gender


## Driver wearing rate by age 2007

In adult age groups, restraint wearing rates are similar, irrespective of age of driver (see figure 3).

Figure 3: 2007 wearing rate of drivers by age and gender


## Front and back seat passenger wearing rates by age 2007

While wearing rates for adult front seat passengers were similar to those observed for child front seat passengers, adult back seat passengers were less likely to wear a restraint than child back seat passengers (see figures 4 and 5).

Figure 4: 2007 wearing rate of front seat passengers and back seat passengers by age


Figure 5: Wearing rate of adult (14+) and child (0-13) front and back seat passengers


## The effect of driver wearing rates on passenger wearing rates 2007

When drivers were restrained, $96 \%$ of front seat passengers and $91 \%$ of back seat passengers were also restrained. When drivers were unrestrained, only 59\% of front seat passengers and 64\% of back seat passengers were restrained (see tables 19 and 20).

## NI and GB seatbelt wearing rates

Figures 6-9 show a comparison of driver and passenger restraint wearing rates over the last 13 years for Northern Ireland and Great Britain. In Great Britain the observed wearing rate was $93 \%$ for drivers, $95 \%$ for front seat passengers and $85 \%$ for back seat passengers in April 2006 (latest figures available), compared to Northern Ireland figures of 95\%, 95\% and 90\% respectively in April 2007.

Figure 6: Comparison of Driver Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2007


In Northern Ireland back seat passenger wearing rates have risen to $90 \%$ continuing a steady rise from 50\% in April 1995 (see figure 7).

Figure 7: Comparison of Back Seat Passenger Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2007


Adult back seat passenger wearing rates in NI have more than doubled since 1994, having reached $84 \%$ in April 2007. Since April 2005, the wearing rate has been higher than that observed in GB (see figure 8).

Figure 8: Comparison of adult (14+) back seat passenger wearing rates between Northern Ireland and Great Britain


The percentage of backseat passengers wearing seatbelts has consistently been higher for child passengers than adult passengers, and has risen from $61 \%$ (1994) to $93 \%$ in 2007 (see figure 9).

Figure 9: Comparison of child ( $0-13$ ) back seat passenger wearing rates between NI and GB


## NI and GB mobile phone use in cars

In Great Britain ten Seat Belt Surveys have observed the use of mobile phones to date, however in Northern Ireland this is only the fifth. Almost two percent (1.9\%) of car drivers in Great Britain were using a mobile phone in April 2006 (1.25\% hand-held and 0.65\% hands-free). In Northern Ireland, 1.6\% of drivers were observed using a mobile phone in April 2007.

## Appendix 1: Detailed tables

Occupancy rates of cars 2007

Table 2: Occupancy rates of cars

| All cars <br> Base $=100 \%$ | Position of Passengers |  |  |
| :--- | :---: | :---: | :---: |
|  |  |  |  |  |
| Front Seat | Back Seat |  |
|  | $\%$ | $\%$ | Number of cars |
| Occupancy Rate |  | $37 \%$ |  |

## Overall wearing rates 2007

Table 3: Wearing rate (\%) of drivers

| All carsBase = 100\% | Type of restraint worn by driver |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Seat Belt unused | Not fitted |  |
|  | \% | \% | \% | Number of drivers |
| Wearing rate | 95\% | 5\% | 0\% | 16,364 |

Table 4: Wearing rate (\%) of all front seat passengers

| All cars <br>  | Seat Belt <br> used | Child restraint <br> used | Seat Belt <br> unused | Not fitted |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Number of <br> Front seat <br> Passengers |
|  | $\%$ | $\%$ | $\%$ | $\%$ | 6,037 |

Table 5: Wearing rate (\%) of all back seat passengers

| Type of restraint worn     <br> All cars $=100 \%$ Seat Belt <br> used Child <br> restraint Restraint <br> Unused  <br>      <br> Not fitted     |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | $\%$ | $\%$ | $\%$ |  | Number of <br> back seat <br> passengers |

Table 6: Wearing rate (\%) of all car occupants

| All carsBase = 100\% | Type of restraint worn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Child restraint used | Restraint Unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of occupants |
| Wearing Rate | 90\% | 4\% | 5\% | 0\% | 25,121 |

## Wearing rates by type of site 2007

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

| All carsBase = 100\% | Type of restraint worn by driver |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt Used | Seat Belt unused | Not fitted |  |
|  | \% | \% | \% | Number of drivers |
| Motorway | 95\% | 5\% | 0\% | 3,215 |
| Urban | 95\% | 5\% | 0\% | 6,580 |
| Rural | 96\% | 4\% | 0\% | 6,569 |
| All site types | 95\% | 5\% | 0\% | 16,364 |

Table 8: Wearing rate (\%) of all front seat passengers by type of site

| All carsBase = 100\% | Restraint usage |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Child restraint used | Seat Belt unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of front seat passengers |
| Motorway | 91\% | 2\% | 7\% | 0\% | 1,188 |
| Urban | 94\% | 1\% | 5\% | 0\% | 2,441 |
| Rural | 94\% | 1\% | 5\% | 0\% | 2,408 |
| All site types | 93\% | 1\% | 5\% | 0\% | 6,037 |

Table 9: Wearing rate (\%) of all back seat passengers by type of site

| All cars$\text { Base }=100 \%$ | Type of restraint worn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Child restraint used | Restraint unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of back seat passengers |
| Motorway | 52\% | 34\% | 13\% | 1\% | 518 |
| Urban | 52\% | 37\% | 11\% | 0\% | 1,120 |
| Rural | 55\% | 38\% | 7\% |  | 1,082 |
| All site types | 53\% | 37\% | 10\% | 0\% | 2,720 |

## Wearing rates by gender 2007

Table 10: Wearing rate (\%) of drivers by gender

| All carsBase = 100\% | Type of restraint worn by driver |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Seat Belt Unused | Not fitted | Number of drivers |
|  | \% | \% | \% |  |
| Male | 94\% | 6\% | 0\% | 9,510 |
| Female | 97\% | 3\% | 0\% | 6,854 |
| All drivers | 95\% | 5\% | 0\% | 16,364 |

Table 11: Wearing rate (\%) of all front seat passengers by gender

| $\begin{aligned} & \text { All cars } \\ & \text { Base }=100 \% \end{aligned}$ | Type of restraint worn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt Used | Child restraint used | Restraint Unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of front seat passengers |
| Male | 90\% | 2\% | 7\% | 0\% | 1,970 |
| Female | 95\% | 1\% | 4\% | 0\% | 4,067 |
| All front seat passengers | 93\% | 1\% | 5\% | 0\% | 6,037 |

Table 12: Wearing rate (\%) of all back seat passengers by gender

| All cars$\text { Base }=100 \%$ | Type of restraint worn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt Used | Child restraint used | Restraint Unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of back seat passengers |
| Male | 51\% | 39\% | 10\% | 0\% | 1,195 |
| Female | 56\% | 34\% | 10\% | 0\% | 1,525 |
| All back seat passengers | 53\% | 37\% | 10\% | 0\% | 2,720 |

## Wearing rates by age 2007

Table 13: Wearing rate (\%) of drivers by age

| All cars$\text { Base }=100 \%$ | Type of restraint worn by driver |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Seat Belt Unused | Not Fitted |  |
|  | \% | \% | \% | Number of drivers |
| 60+ | 96\% | 4\% | 0\% | 2,374 |
| 30-59 | 95\% | 5\% | 0\% | 9,029 |
| 17-29 | 95\% | 5\% | 0\% | 4,961 |
| All ages | 95\% | 5\% | 0\% | 16,364 |

Table 14: Wearing rate (\%) of all front seat passengers by age

| All cars$\text { Base }=100 \%$ | Type of restraint worn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt Used | Child restraint used | Restraint Unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of front seat passengers |
| 60+ | 96\% |  | 4\% | 0\% | 1,191 |
| 30-59 | 95\% |  | 5\% | 0\% | 2,344 |
| 14-29 | 94\% |  | 6\% | 0\% | 1,838 |
| 10-13 | 92\% | 1\% | 6\% | 0\% | 372 |
| 5-9 | 82\% | 14\% | 4\% |  | 227 |
| 1-4 | [14] | [21] | [3] |  | 38 |
| 0-1 |  | [27] |  |  | 27 |
| All ages | 93\% | 1\% | 5\% | 0\% | 6,037 |

Table 15: Wearing rate (\%) of all back seat passengers by age

| All cars$\text { Base }=100 \%$ | Type of restraint worn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt Used | Child restraint used | Restraint Unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of back seat passengers |
| 60+ | 86\% |  | 14\% |  | 169 |
| 30-59 | 83\% |  | 17\% | 0\% | 263 |
| 14-29 | 83\% |  | 17\% |  | 460 |
| 10-13 | 87\% | 5\% | 8\% |  | 422 |
| 5-9 | 48\% | 42\% | 10\% | 0\% | 615 |
| 1-4 | 8\% | 88\% | 4\% | 0\% | 587 |
| 0-1 |  | 98\% | 2\% |  | 204 |
| All ages | 53\% | 37\% | 10\% | 0\% | 2,720 |

## Wearing rates by age and gender 2007

Table 16: Wearing rate (\%) of drivers by age and gender

| Base $=100 \%$ | Type of restraint worn |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: |
|  |  | Seat Belt Used | Restraint Unused | Not fitted |  |
|  |  | $\%$ | $\%$ | $\%$ | Number of <br> drivers |
| $60+$ | Male | $95 \%$ | $4 \%$ | $0 \%$ | 1,723 |
|  | Female | $97 \%$ | $3 \%$ | $0 \%$ | 651 |
| 30 to 59 | Male | $94 \%$ | $6 \%$ | $0 \%$ | 5,630 |
|  | Female | $97 \%$ | $3 \%$ | $0 \%$ | 3,399 |
| 17 to 29 | Male | $93 \%$ | $7 \%$ | $0 \%$ | 2,157 |
|  | Female | $97 \%$ | $3 \%$ | $0 \%$ | 2,804 |
| All Male drivers | $94 \%$ | $6 \%$ | $0 \%$ | 9,510 |  |
| All Females drivers | $97 \%$ | $3 \%$ | $0 \%$ | 6,854 |  |

Table 17: Wearing rate (\%) of all front seat passengers by age and gender

| Base $=100 \%$ |  | Type of restraint worn |  |  |  | Number of front seat passengers |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Seat Belt Used | Child restraint <br> used <br> $\%$ | Restraint <br> Unused <br> $\%$ | Not Fitted <br> $\%$ |  |
|  |  | \% |  |  |  |  |
| 60+ | Male | 94\% |  | 6\% | 0\% | 272 |
|  | Female | 96\% |  | 3\% | 0\% | 919 |
| 30 to 59 | Male | 92\% |  | 8\% |  | 669 |
|  | Female | 96\% |  | 4\% | 0\% | 1,675 |
| 14 to 29 | Male | 91\% |  | 9\% | 0\% | 676 |
|  | Female | 95\% |  | 5\% | 0\% | 1,162 |
| 10 to 13 | Male | 93\% | 1\% | 6\% |  | 189 |
|  | Female | 92\% | 1\% | 7\% | 1\% | 183 |
| 5 to 9 | Male | 83\% | 14\% | 4\% |  | 132 |
|  | Female | [78] | [14] | [3] |  | 95 |
| 1 to 4 | Male | [7] | [11] |  |  | 18 |
|  | Female | [7] | [10] | [3] |  | 20 |
| 0 to 1 | Male |  | [14] |  |  | 14 |
|  | Female |  | [13] |  |  | 13 |
| All male front seat passengers |  | 90\% | 2\% | 7\% | 0\% | 1,970 |
| All female front seat passengers |  | 95\% | 1\% | 4\% | 0\% | 4,067 |

Table 18: Wearing rate (\%) of all back seat passengers by age and gender

| Base $=100 \%$ |  | Type of restraint worn |  |  |  | Number of back seat passengers |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Seat Belt Used | Child restraint <br> used <br> $\%$ | Restraint <br> Unused <br> $\%$ | Not Fitted <br> $\%$ |  |
|  |  | \% |  |  |  |  |
| 60+ | Male | [33] |  | [5] |  | 38 |
|  | Female | 85\% |  | 15\% |  | 131 |
| 30 to 59 | Male | [60] |  | [23] | [1] | 84 |
|  | Female | 88\% |  | 12\% |  | 179 |
| 14 to 29 | Male | 80\% |  | 20\% |  | 204 |
|  | Female | 86\% |  | 14\% |  | 256 |
| 10 to 13 | Male | 88\% | 7\% | 5\% |  | 201 |
|  | Female | 87\% | 3\% | 10\% |  | 221 |
| 5 to 9 | Male | 49\% | 41\% | 10\% |  | 309 |
|  | Female | 47\% | 43\% | 9\% | 1\% | 306 |
| 1 to 4 | Male | 8\% | 89\% | 3\% |  | 265 |
|  | Female | 7\% | 87\% | 6\% | 0\% | 322 |
| 0 to 1 | Male |  | [92] | [2] |  | 94 |
|  | Female |  | 98\% | 2\% |  | 110 |
| All males back seat |  | 51\% | 39\% | 10\% | 0\% | 1,195 |
| All females back seat |  | 56\% | 34\% | 10\% | 0\% | 1,525 |

## Wearing rates by whether driver is restrained 2007

Table 19: Wearing rate (\%) of all front seat passengers by wearing rate (\%) of drivers

| Base $=100 \%$ |  | Front seat passenger restrained |  | Number of front seat passengers |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Yes |  |  |
|  |  | \% | \% |  |
| Whether driver restrained | Yes | 96\% | 4\% | 5,814 |
|  | No | 59\% | 41\% | 223 |
|  | All drivers | 95\% | 5\% | 6,037 |

Table 20: Wearing rate (\%) of all back seat passengers by wearing rate (\%) of drivers

| Base $=100 \%$ |  | Back seat passenger restrained |  | Number of back seat passengers |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Yes | No |  |
|  |  | \% | \% |  |
| Whether driver restrained | Yes | 91\% | 9\% | 2,639 |
|  | No | 64\% | 36\% | 81 |
|  | All drivers | 90\% | 10\% | 2,720 |

Driver wearing rates by number of occupants in car 2007

Table 21: Wearing rate (\%) of drivers by number of occupants in car

| Base $=100 \%$ | Type of restraint worn by driver |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Seat Belt used |  |  |  | \(\left.\begin{array}{c}Seat Belt <br>

Unused\end{array} \quad $$
\begin{array}{c}\text { Not fitted }\end{array}
$$\right]\)

Table 22: Wearing rate (\%) of all drivers by gender and number of occupants in car

| Base $=100 \%$ |  | Type of restraint worn by driver |  |  | Number of drivers |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Seat Belt Used | Seat Belt Unused | Not Fitted |  |
|  |  | \% | \% | \% |  |
| Driver only | Male | 93\% | 7\% | 0\% | 5,498 |
|  | Female | 97\% | 3\% | 0\% | 4,306 |
| Driver + 1 passenger | Male | 96\% | 4\% | 0\% | 3,045 |
|  | Female | 97\% | 3\% | 0\% | 1,920 |
| Driver + 2 passengers | Male | 96\% | 4\% | 0\% | 649 |
|  | Female | 98\% | 2\% | 0\% | 444 |
| Driver + 3 passengers | Male | 94\% | 6\% |  | 252 |
|  | Female | 98\% | 2\% |  | 153 |
| Driver + 4 or more passengers | Male | [64] | [2] |  | 66 |
|  | Female | [31] |  |  | 31 |
| All male drivers |  | 94\% | 6\% | 0\% | 9,510 |
| All female drivers |  | 97\% | 3\% | 0\% | 6,854 |

Table 23: Percentage of cars with occupants restrained by the number of occupants in the car

| Base $=100 \%$ | Percentage of restrained occupants |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 1 | 2 | 3 | 4 | $5+$ |  |
|  | \% | \% | \% | \% | \% | \% | Number of drivers |
| Driver only | 6\% | 94\% |  |  |  |  | 9,804 |
| Driver + 1 passenger | 1\% | 6\% | 92\% |  |  |  | 4,965 |
| Driver + 2 passengers | 1\% | 3\% | 12\% | 84\% |  |  | 1,093 |
| Driver + 3 passengers | 1\% | 1\% | 5\% | 10\% | 83\% |  | 405 |
| Driver + 4 or more passengers | 1\% | 1\% | 7\% | 3\% | 5\% | 82\% | 97 |
| All drivers | 4\% | 59\% | 29\% | 6\% | 2\% | 0\% | 16,364 |

## Mobile phones usage 2007

Table 24: Proportion of drivers (\%) observed using a mobile phone

| Type of phone     <br> All cars <br> Base $=100 \%$ Hand-held Hands-free Neither  <br>  $\%$ $\%$ $\%$  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | $1.2 \%$ |  | Number of <br> drivers |

Table 25: Proportion of drivers (\%) observed using a mobile phone by age

| $\begin{aligned} & \text { All cars } \\ & \text { Base }=100 \% \end{aligned}$ | Type of phone |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Hand-held | Hands-free | Neither |  |
|  | \% | \% | \% | Number of drivers |
| 60+ | .3\% | .4\% | 99.4\% | 2,374 |
| 30-59 | 1.0\% | .5\% | 98.6\% | 9,029 |
| 17-29 | 2.0\% | .4\% | 97.7\% | 4,961 |
| All ages | 1.2\% | .4\% | 98.4\% | 16,364 |

Table 26: Proportion of drivers (\%) observed using a mobile phone by type of site

| All cars <br> Base $=100 \%$ | Type of phone |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | :---: |
|  | Hand-held |  | Hands-free | Neither |  |
|  | $\%$ |  |  |  |  |
| Motorway | $.6 \%$ | $\%$ | $\%$ | Number of <br> drivers |  |
| Urban | $1.5 \%$ | $.3 \%$ | $99.0 \%$ | 3,215 |  |
| Rural | $1.2 \%$ | $.2 \%$ | $98.3 \%$ | 6,580 |  |
| All site types | $1.2 \%$ | $.6 \%$ | $98.2 \%$ | 6,569 |  |

Table 27: Proportion of drivers (\%) observed using a mobile phone by gender

| All carsBase = 100\% | Type of phone |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Hand-held | Hands-free | Neither |  |
|  | \% | \% | \% | Number of drivers |
| Male | 1.1\% | .5\% | 98.4\% | 9,510 |
| Female | 1.3\% | .3\% | 98.4\% | 6,854 |
| All drivers | 1.2\% | .4\% | 98.4\% | 16,364 |

Table 28: Proportion of drivers (\%) observed using a mobile phone by age and gender

| Base $=100 \%$ |  | Type of phone |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Hand-held <br> \% | Hands-free\% | Neither |  |
|  |  | \% |  | Number of drivers |
| 60+ | Male |  | .2\% | .5\% | 99.3\% | 1,723 |
|  | Female | .3\% | .2\% | 99.5\% | 651 |
| 30 to 59 | Male | .8\% | .6\% | 98.7\% | 5,630 |
|  | Female | 1.3\% | .3\% | 98.4\% | 3,399 |
| 17 to 29 | Male | 2.4\% | .5\% | 97.1\% | 2,157 |
|  | Female | 1.6\% | .3\% | 98.1\% | 2,804 |
| All male drivers |  | 1.1\% | .5\% | 98.4\% | 9,510 |
| All female drivers |  | 1.3\% | .3\% | 98.4\% | 6,854 |

## Appendix 2

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

Day: Tuesday

| Base $=100 \%$ | Time |  |  |  |  |  |  |  | Number of cars recorded |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 08.30 | 09.30 | 10.30 | 11.30 | 14.00 | 15.00 | 16.00 | 17.00 |  |
| M1 at Broadway | 75 | 72 | 62 | 62 | 62 | 74 | 65 | 86 | 558 |
| M2 at Duncrue | 84 | 77 | 86 | 84 | 81 | 82 | 80 | 80 | 654 |
| M1 at Black s Road | 16 | 26 | 29 | 37 | 46 | 45 | 48 | 63 | 310 |
| Antrim Rd/D gall Park Ave | 46 | 32 | 51 | 41 | 55 | 60 | 55 | 61 | 401 |
| Knock Dual Carriageway | 76 | 74 | 74 | 76 | 73 | 76 | 76 | 78 | 603 |
| Saintfield Road | 81 | 79 | 78 | 75 | 81 | 73 | 81 | 80 | 628 |
| Derriaghy | 77 | 67 | 69 | 69 | 72 | 77 | 67 | 78 | 576 |
| Strand Rd, L derry | 56 | 46 | 55 | 45 | 46 | 35 | 43 | 45 | 371 |
| Anne St, Enniskillen | 83 | 79 | 79 | 63 | 81 | 77 | 85 | 62 | 609 |
| Milltown Rd/Shaw s Bridge | 82 | 78 | 83 | 76 | 78 | 81 | 85 | 74 | 637 |
| Banbridge | 81 | 51 | 44 | 52 | 51 | 58 | 64 | 81 | 482 |
| Hillhead Rd, Ballyclare | 80 | 81 | 59 | 51 | 58 | 73 | 61 | 84 | 547 |
| Ballysallagh Rd, Bangor | 53 | 25 | 50 | 32 | 49 | 45 | 58 | 69 | 381 |
| A505 Cookstown to Omagh | 82 | 73 | 74 | 79 | 79 | 77 | 73 | 76 | 613 |
| Carrickfergus/Greenisland | 83 | 80 | 71 | 76 | 79 | 73 | 81 | 82 | 625 |
| All sites | 1055 | 940 | 964 | 918 | 991 | 1006 | 1022 | 1099 | 7995 |

## Day: Saturday

| Base = 100\% | Time |  |  |  |  |  |  |  | $\begin{gathered} \text { Number of } \\ \text { cars } \\ \text { recorded } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 08.30 | 09.30 | 10.30 | 11.30 | 14.00 | 15.00 | 16.00 | 17.00 |  |
| M1 at Broadway | 76 | 75 | 82 | 78 | 86 | 77 | 80 | 85 | 639 |
| M2 at Duncrue | 88 | 81 | 88 | 87 | 83 | 88 | 84 | 79 | 678 |
| M1 at Black s Road | 24 | 26 | 51 | 67 | 41 | 53 | 61 | 53 | 376 |
| Antrim Rd/D gall Park Ave | 40 | 49 | 55 | 60 | 66 | 61 | 41 | 47 | 419 |
| Knock Dual Carriageway | 82 | 85 | 85 | 86 | 87 | 85 | 86 | 85 | 681 |
| Saintfield Road | 82 | 87 | 84 | 83 | 86 | 85 | 86 | 78 | 671 |
| Derriaghy | 75 | 75 | 83 | 76 | 78 | 81 | 80 | 82 | 630 |
| Strand Rd, L derry | 52 | 50 | 48 | 49 | 43 | 46 | 44 | 41 | 373 |
| Anne St, Enniskillen | 73 | 80 | 82 | 80 | 77 | 76 | 64 | 86 | 618 |
| Milltown Rd/Shaw s Bridge | 84 | 82 | 80 | 83 | 79 | 87 | 83 | 85 | 663 |
| Banbridge | 54 | 66 | 68 | 65 | 69 | 53 | 50 | 67 | 492 |
| Hillhead Rd, Ballyclare | 71 | 81 | 83 | 73 | 69 | 66 | 56 | 59 | 558 |
| Ballysallagh Rd, Bangor | 20 | 36 | 37 | 43 | 42 | 49 | 41 | 41 | 309 |
| A505 Cookstown to Omagh | 83 | 78 | 78 | 78 | 82 | 80 | 82 | 79 | 640 |
| Carrickfergus/Greenisland | 83 | 87 | 83 | 45 | 80 | 79 | 86 | 79 | 622 |
| All sites | 987 | 1038 | 1087 | 1053 | 1068 | 1066 | 1024 | 1046 | 8369 |

