# Northern Ireland Seat Belt Survey April 2009: Wearing Rates in Cars 

July 2009


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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 observations in category
Value of category is less then $0.5 \%$

- cell is empty
- cell is $0 \%$

5. For categories with a cell total less than 100, counts are shown instead of percentages. All counts are shown in square brackets.

## Background to the Survey

This is the twentieth in a series of Seatbelt 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 $21^{\text {st }}$ and Saturday $25^{\text {th }}$ April 2009. In total 16,871 cars were observed and details of 25,811 occupants recorded.

## Summary

## Overall restraint wearing rates in 2009

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

## Restraint wearing rates by type of site in 2009

Ninety-six percent of drivers on urban roads and ninety-seven percent of drivers on rural roads were restrained. Ninety-eight percent of drivers at motorway sites were restrained. Front seat passengers observed wearing rate was $95 \%$ on rural roads and motorway sites, and $97 \%$ on urban roads. Back seat passengers observed wearing rates varied from 94\% on rural roads to $91 \%$ on motorways (see tables 7-9).

## Restraint wearing rates by gender in 2009

Ninety-eight percent of female and $96 \%$ of male drivers were restrained. With regard to front seat passengers, $97 \%$ of females and $93 \%$ of males were restrained (see tables 1011).

## Adult restraint wearing rates in 2009

The wearing rate of drivers was the same across the three adult groups, ninety-seven percent of drivers aged 60+, aged 17-29 and aged 30-59 were restrained (see table 13).

## Child restraint wearing rates in 2009

Four percent of children aged 10-13, and 5\% of those aged 5-9 and aged 1-4 were unrestrained when travelling in the back of a car (see table 15).

## Wearing rates by whether driver is restrained 2009

When the driver wore a seatbelt, the wearing rate of front seat passengers was $96 \%$. When the driver was not wearing a seatbelt, over three fifths (64\%) of front seat passengers were restrained (See table 19).

## Mobile phone usage in 2009

This is the seventh Northern Ireland Seatbelt Survey that has observed the use of mobile phones by drivers. Just over one percent (1.1\%) of drivers were using a mobile phone ( $0.8 \%$ were using a hand-held phone and $0.3 \%$ were using a hands-free phone) (see tables 24-28).

## Survey trends

Wearing rates overall have improved since 1994. Driver wearing rates have increased from $88 \%$ to $97 \%$, while front seat wearing rates have increased from $88 \%$ to $96 \%$. Back seat wearing rates have increased fairly consistently from $52 \%$ in 1994 to a high of $93 \%$ in 2009 (See table 1 and figures 6-7).

## Comparison with Great Britain

According to the latest GB figures available (2008) the wearing rates were $95 \%$ for drivers, $96 \%$ for front seat passengers and $88 \%$ for back seat passengers. This last figure has risen considerably from 63\% in April 1997. The 2009 Great Britain Seatbelt Survey will be carried out in October 2009 (See figures 6-9).

Table 1: Summary of Key Results from NI Seatbelt Surveys 1994-2009

|  | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | $\begin{aligned} & \text { Apr- } \\ & 01 \end{aligned}$ | $\begin{aligned} & \text { Oct- } \\ & 01 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 02 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 03 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 04 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 05 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 06 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 07 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 08 \end{aligned}$ | $\begin{aligned} & \text { Apr- } \\ & 09 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \% of car occupants wearing seatbelts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Driver | 88 | 85 | 85 | 85 | 87 | 86 | 87 | 86 | 88 | 90 | 90 | 91 | 93 | 93 | 95 | 96 | 97 |
| Front Seat | 88 | 86 | 85 | 86 | 88 | 86 | 87 | 86 | 89 | 89 | 89 | 90 | 92 | 93 | 95 | 95 | 96 |
| Back Seat | 52 | 50 | 51 | 56 | 61 | 62 | 65 | 67 | 71 | 72 | 75 | 77 | 81 | 85 | 90 | 91 | 93 |
| Of which: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Under 1 year | 96 | 96 | 97 | 95 | 96 | 93 | 97 | 98 | 97 | 95 | 97 | 98 | 98 | 96 | 98 | 99 | 98 |
| 1-4 years | 70 | 65 | 72 | 78 | 78 | 78 | 82 | 86 | 86 | 85 | 87 | 88 | 92 | 96 | 96 | 96 | 95 |
| 5-9 years | 50 | 49 | 50 | 54 | 61 | 62 | 68 | 65 | 73 | 71 | 75 | 77 | 82 | 84 | 90 | 94 | 95 |
| 10-13 years | 47 | 47 | 47 | 51 | 58 | 65 | 65 | 68 | 70 | 72 | 75 | 78 | 82 | 86 | 92 | 93 | 96 |
| Overall |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wearing Rate \% | 82 | 80 | 80 | 81 | 84 | 83 | 84 | 84 | 87 | 88 | 88 | 89 | 91 | 93 | 95 | 95 | 96 |
| 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 | 0.36 | 0.36 |
| Back Seat 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 | 0.17 | 0.17 |

## Main Findings

## Occupancy rates 2009

Thirty-six percent of all vehicles contained front seat passengers. In addition there was an average of 0.17 back seat passengers per vehicle observed (see table 2 ).

## Wearing rate by type of site 2009

Irrespective of type of road, back seat passengers are less likely to be restrained than drivers (see figure 1).

Figure 1: 2009 wearing rate of drivers, front seat passengers, and back seat passengers by type of site.


## Wearing rate by gender 2009

Female drivers, female front seat passengers and female back seat passengers observed were more likely than their male counterparts to be restrained (see figure 2).

Figure 2: 2009 wearing rate of drivers, front seat passengers, and back seat passengers by gender


## Driver wearing rate by age 2009

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

Figure 3: 2009 wearing rate of drivers by age and gender


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 (87\%) to wear a restraint than child back seat passengers (96\%) (see figures 4 and 5).

Figure 4: 2009 wearing rate of front seat passengers and back seat passengers by age


Figure 5: 2009 wearing rate of adult (14+) and child (0-13) front and back seat passengers


## The effect of driver wearing rates on passenger wearing rates 2009

When drivers were restrained, $96 \%$ of front seat passengers and $94 \%$ of back seat passengers were also restrained. When drivers were unrestrained, 64\% of front 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 for Northern Ireland and Great Britain. In Great Britain the observed wearing rate was 95\% for drivers, $96 \%$ for front seat passengers and $88 \%$ for back seat passengers in 2008 (latest figures available). The corresponding figures for Northern Ireland (in April 2009) were $97 \%, 96 \%$ and $93 \%$ respectively.

Figure 6: Comparison of Driver Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2009


In Northern Ireland back seat passenger wearing rates have risen to $93 \%$ continuing a steady rise from around $51 \%$ in the early years of the survey (see figure 7 ).

Figure 7: Comparison of Back Seat Passenger Wearing Rates between Northern Ireland and Great Britain from April 1994 to April 2009


Adult back seat passenger wearing rates in NI have more than doubled since 1994, having reached $87 \%$ in April 2009. Since April 2005, the wearing rate in NI 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 back seat passengers wearing seatbelts has consistently been higher for child passengers than adult passengers, and has risen from around $60 \%$ in the early years of the survey to $96 \%$ in 2009 (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 twelve Seatbelt Surveys have observed the use of mobile phones to date, however in Northern Ireland this is only the seventh. One and a half percent of car drivers in Great Britain were observed using a mobile phone in 2008 (1.1\% hand-held and 0.5\% hands-free). In Northern Ireland, 1.1\% of drivers were observed using a mobile phone in April 2009 (0.8\% hand-held and 0.3\% hands-free).

## Appendix 1: Detailed tables

## Occupancy rates of cars 2009

Table 2: Occupancy rates of cars

| All cars <br> Base $=100 \%$ | Position of Passengers |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Front | Back Seat | Number of <br> cars observed |  |  |  |
|  | $\%$ | $\%$ |  |  |  |  |
| Occupancy rate | 36 |  | 17 |  |  |  |

## Overall wearing rates 2009

Table 3: Wearing rate (\%) of drivers

| All drivers$\text { Base }=100 \%$ | Type of restraint worn by driver |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Seat Belt unused | Not fitted |  |
|  | \% | \% | \% | Number of drivers |
| Wearing rate | 97 | 3 | 0 | 16,871 |

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

|  | Restraint usage |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt <br> used | Child <br> restraint used | Seat Belt <br> unused | Not fitted |  |  |
|  | $\%$ |  | $\%$ |  |  |  |
| Wearing rate | 94 | 2 | 4 | Number of <br> front seat <br> passengers |  |  |

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

| All back seat <br> passengers <br> Base $=100 \%$ Seat Belt <br> used Child <br> restraint Restraint <br> unused <br>  $\%$   <br>     |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | 58 | $\%$ | $\%$ |  | Number of <br> back seat <br> passengers |

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

|  Type of restraint worn      <br>        | Seat Belt <br> used | Child <br> restraint used | Restraint <br> unused | Not fitted |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | $\%$ | $\%$ | $\%$ | $\%$ | Number of <br> occupants |
|  | 92 | 4 | 4 | 0 | 25,811 |

## Wearing rates by type of site 2009

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

| All drivers <br> Base $=100 \%$ | Type of restraint worn by driver |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Seat Belt unused | Not fitted |  |  |
|  | $\%$ | $\%$ | $\%$ | Number of <br> drivers |  |
| Motorwa | 98 | 2 | 0 | 3,412 |  |
| Urba | 96 | 4 | 0 | 6,689 |  |
| Rura | 97 | 3 | 0 | 6,770 |  |
| All site types | 97 | 3 | 0 | 16,871 |  |

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

| $\begin{array}{l}\text { All front seat } \\ \text { passengers } \\ \text { Base }=100 \%\end{array}$ | Seat Belt used |
| :--- | :---: | :---: | :---: | :---: | :---: | \(\left.\begin{array}{c}Child restraint <br>

used\end{array} \quad $$
\begin{array}{c}\text { Seat Belt } \\
\text { unused }\end{array}
$$ \quad $$
\begin{array}{c}\text { Not fitted }\end{array}
$$\right]\)

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

| All back seat passengersBase = 100\% | Type of restraint worn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Child restraint used | Restraint unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of back seat passengers |
| Motorwa | 58 | 33 | 9 |  | 469 |
| Urba | 59 | 34 | 7 |  | 1,304 |
| Rura | 56 | 39 | 6 |  | 1,046 |
| All site types | 58 | 36 | 7 |  | 2,819 |

## Wearing rates by gender 2009

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

| Tll drivers <br>  | Seat Belt used | Seat Belt unused | Not fitted |  |
| :--- | :---: | :---: | :---: | :---: |
|  | $\%$ | $\%$ | $\%$ | Number of <br> drivers |
|  | 96 | 4 | 0 | 9,804 |
| Female | 98 | 2 | 0 | 7,067 |
| All drivers | 97 | 3 | 0 | 16,871 |

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

| Type of restraint worn      <br> All front seat <br> passengers <br> Base $=100 \%$ Seat Belt used     | Child restraint <br> used | Restraint <br> unused | Not fitted |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Number of <br> front seat <br> passengers |
|  | $\%$ | $\%$ | $\%$ | $\%$ | 1,938 |
| Female | 91 | 9 | 2 | 7 | 0 |
| All front seat <br> passengers | 95 | 1 | 3 | 0 | 4,183 |

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

| Tll back seat     <br> passengers     <br> Base $=100 \%$     | Seat Belt used restraint worn |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  |  | Child restraint <br> used | Restraint <br> unused | Not fitted |  |
|  | $\%$ | $\%$ |  |  | Number of <br> back seat <br> passengers |
| Female | 55 | 37 | 8 |  | 1,219 |
| All back seat <br> passengers | 60 | 34 | 6 |  | 1,600 |

## Wearing rates by age 2009

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

| All drivers <br> Base $=100 \%$ | Type of restraint worn by driver |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Seat Belt unused | Not fitted |  |  |
|  | $\%$ | $\%$ | $\%$ | Number of <br> drivers |  |
| $60+$ | 97 | 3 | 0 | 2,557 |  |
| $30-59$ | 97 | 3 | 0 | 9,006 |  |
| $17-29$ | 97 | 3 | 0 | 5,308 |  |
| All drivers | 97 | 3 | 0 | 16,871 |  |

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

| All front seat passengersBase = 100\% | Type of restraint worn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Child restraint used | Restraint unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of front seat passengers |
| 60+ | 97 |  | 3 |  | 1,164 |
| 30-59 | 96 |  | 4 | 0 | 2,296 |
| 14-29 | 94 |  | 5 | 0 | 1,958 |
| 10-13 | 97 | 0 | 3 |  | 345 |
| 5-9 | 85 | 12 | 3 |  | 277 |
| 1-4 | [19] | [29] | [4] |  | 52 |
| Under 1 | [1] | [28] |  |  | 29 |
| All front seat passengers | 94 | 2 | 4 | 0 | 6,121 |

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

| All back seat passengersBase = 100\% | Type of restraint worn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Child restraint used | Restraint unused | Not fitted |  |
|  | \% | \% | \% | \% | Number of back seat passengers |
| 60+ | 90 |  | 10 |  | 156 |
| 30-59 | 86 |  | 14 |  | 219 |
| 14-29 | 86 | 0 | 13 |  | 461 |
| 10-13 | 91 | 4 | 4 |  | 408 |
| 5-9 | 61 | 35 | 5 |  | 753 |
| 1-4 | 11 | 85 | 5 |  | 644 |
| Under 1 |  | 98 | 2 |  | 178 |
| All back seat passengers | 58 | 36 | 7 |  | 2,819 |

## Wearing rates by age and gender 2009

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

| All drivers <br> Base $=100 \%$ | Type of restraint worn |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | Seat Belt used | Restraint | Not fitted |  |
|  |  | $\%$ | $\%$ | $\%$ | Number of <br> drivers |
| $60+$ | Male | 97 | 3 | 0 | 1,889 |
|  | Female | 98 | 2 |  | 668 |
| 30 to 59 | Male | 96 | 4 | 0 | 5,514 |
|  | Female | 98 | 2 |  | 3,492 |
| 17 to 29 | Male | 95 | 4 | 0 | 2,401 |
|  | Female | 98 | 2 | 0 | 2,907 |
| All Male drivers | 96 | 4 | 0 | 9,804 |  |
| All Female drivers | 98 | 2 | 0 | 7,067 |  |

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

| All front seat passengers$\text { Base }=100 \%$ |  | Type of restraint worn |  |  |  | Number of <br> Front seat <br> Passengers |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Seat Belt used <br> $\%$ | Child <br> used <br> $\%$ | Restraint <br> unused <br> $\%$ | $\begin{gathered} \text { Not fitted } \\ \hline \% \end{gathered}$ |  |
|  |  |  |  |  |  |  |
| 60+ | Male | 93 |  | 7 |  | 227 |
|  | Female | 97 |  | 3 |  | 937 |
| 30 to 59 | Male | 93 |  | 7 | 0 | 639 |
|  | Female | 97 |  | 3 |  | 1,657 |
| 14 to 29 | Male | 92 |  | 8 | 0 | 699 |
|  | Female | 96 |  | 4 | 0 | 1,259 |
| 10 to 13 | Male | 97 | 1 | 2 |  | 184 |
|  | Female | 96 |  | 4 |  | 161 |
| 5 to 9 | Male | 88 | 8 | 3 |  | 153 |
|  | Female | 81 | 16 | 3 |  | 124 |
| 1 to 4 | Male | [10] | [12] | [3] |  | 25 |
|  | Female | [9] | [17] | [1] |  | 27 |
| Under 1 | Male |  | [11] |  |  | 11 |
|  | Female | [1] | [17] |  |  | 18 |
| All Male front seat passengers |  | 91 | 2 | 7 | 0 | 1,938 |
| All Female front seat passengers |  | 95 | 1 | 3 | 0 | 4,183 |

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

| All back seat passengers$\text { Base }=100 \%$ |  | Type of restrain worn |  |  |  | Number of back seat passengers |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{\|c\|} \text { Seat Belt used } \\ \hline \% \end{array}$ | Child restraint <br> used <br> $\%$ | Restraint <br> unused <br> $\%$ | Not fitted <br> $\%$ |  |
|  |  |  |  |  |  |  |
| 60+ | Male | [29] |  | [3] |  | 32 |
|  | Female | 90 |  | 10 |  | 124 |
| 30 to 59 | Male | [63] |  | [10] |  | 73 |
|  | Female | 86 |  | 14 |  | 146 |
| 14 to 29 | Male | 84 | 0 | 16 |  | 210 |
|  | Female | 88 | 0 | 12 |  | 251 |
| 10 to 13 | Male | 91 | 4 | 5 |  | 192 |
|  | Female | 92 | 4 | 4 |  | 216 |
| 5 to 9 | Male | 57 | 36 | 7 |  | 348 |
|  | Female | 64 | 33 | 3 |  | 405 |
| 1 to 4 | Male | 10 | 86 | 5 |  | 299 |
|  | Female | 12 | 84 | 4 |  | 345 |
| Under 1 | Male |  | [65] |  |  | 65 |
|  | Female |  | 97 | 3 |  | 113 |
| All male back seat |  | 55 | 37 | 8 |  | 1,219 |
| All female back seat |  | 60 | 34 | 6 |  | 1,600 |

## Wearing rates by whether driver is restrained 2009

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

| All front seat passengers$\text { Base }=100 \%$ |  | Front seat passenger restrained |  | Number of front passengers |
| :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Yes } \\ \hline \% \end{gathered}$ | $\begin{gathered} \text { No } \\ \hline \% \end{gathered}$ |  |
|  |  |  |  |  |
| Whether driver restrained | Yes | 96 | 4 | 5,973 |
|  | No | 64 | 36 | 148 |
| All drivers with a front seat passenger |  | 96 | 4 | 6,121 |

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

## of drivers

| All back seat passengersBase = 100\% |  | Back seat passenger restrained |  | Number of back seat passengers |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Yes | No |  |
|  |  | \% | \% |  |
| Whether driver restrained | Yes | 94 | 6 | 2,778 |
|  | No | [24] | [17] | 41 |
| All drivers with a back seat passenger |  | 93 | 7 | 2,819 |

Driver wearing rates by number of occupants in car 2009

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

| All drivers$\text { Base }=100 \%$ | Type of restraint worn by driver |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Seat Belt used | Seat Belt unused | Not fitted | Number of drivers |
|  | \% | \% | \% |  |
| Driver only | 96 | 4 | 0 | 10,146 |
| Driver + 1 passenger | 97 | 2 | 0 | 5.127 |
| Driver + 2 passengers | 98 | 2 |  | 1,081 |
| Driver + 3 passengers | 99 | 1 |  | 415 |
| Driver + 4 or more passengers | 98 | 2 |  | 102 |
| All drivers | 97 | 3 | 0 | 16,871 |

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

| All driversBase = 100\% |  | Type of restraint worn by driver |  |  | Number of drivers |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Seat Belt used <br> $\%$ | Seat Belt <br> unuse <br> $\%$ | Not fitted <br> $\%$ |  |
|  |  |  |  |  |  |
| Driver only | Male | 95 | 5 | 0 | 5,612 |
|  | Female | 98 | 2 | 0 | 4,534 |
| Driver + 1 passenger | Male | 97 | 3 | 0 | 3,227 |
|  | Female | 98 | 2 | 0 | 1,900 |
| Driver + 2 passengers | Male | 98 | 2 |  | 615 |
|  | Female | 99 | 1 |  | 466 |
| Driver + 3 passengers | Male | 99 | 1 |  | 280 |
|  | Female | 100 |  |  | 135 |
| Driver + 4 or more passengers | Male | [68] | [2] |  | 70 |
|  | Female | [32] |  |  | 32 |
| All male drivers |  | 96 | 4 | 0 | 9,804 |
| All female drivers |  | 98 | 2 | 0 | 7,067 |

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

| $\begin{aligned} & \text { All cars } \\ & \text { Base = 100\% } \end{aligned}$ | Percentage of restrained occupants |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 1 | 2 | 3 | 4 | 5+ |  |
|  | \% | \% | \% | \% | \% | \% | Number of cars |
| Driver only | 4 | 96 |  |  |  |  | 10,146 |
| Driver + 1 passenger | 1 | 5 | 94 |  |  |  | 5,127 |
| Driver + 2 passengers | 1 | 1 | 9 | 89 |  |  | 1,081 |
| Driver + 3 passengers | 0 | 1 | 3 | 7 | 89 |  | 415 |
| Driver + 4 or more passengers | 1 | 2 | 7 | 1 | 10 | 79 | 102 |
| All cars | 3 | 60 | 29 | 6 | 2 | 0 | 16,871 |

## Mobile phones usage 2009

Table 24: Percentage of drivers observed using a mobile phone

| All driversBase = 100\% | Type of |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Hand-held | Hands-free | Neither |  |
|  | \% | \% | \% | Number of drivers |
| All drivers | 0.8 | 0.3 | 98.9 | 16,871 |

Table 25: Percentage of drivers observed using a mobile phone by age

| All drivers <br> Base $=100 \%$ Hand-held Hands-free Neither |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | $\%$ | $\%$ | $\%$ | Number of <br> drivers |
|  | 0.2 | 0.2 | 99.6 | 2,557 |
| $30-59$ | 0.6 | 0.3 | 99.1 | 9,006 |
| $17-29$ | 1.5 | 0.2 | 98.3 | 5,308 |
| All drivers | 0.8 | 0.3 | 98.9 | 16,871 |

Table 26: Percentage of drivers observed using a mobile phone by type of site

| All driversBase = 100\% | Type of |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Hand-held | Hands-free | Neither | Number of drivers |
|  | \% | \% | \% |  |
| Motorwa | 1.1 | . 2 | 98.7 | 3,412 |
| Urba | 0.7 | 0.3 | 99.0 | 6,689 |
| Rura | 0.8 | 0.2 | 99.0 | 6,770 |
| All site types | 0.8 | 0.3 | 98.9 | 16,871 |

Table 27: Percentage of drivers observed using a mobile phone
by gender

| Tll drivers <br>  | Hand-held | Hands-free | Neither |  |
| :--- | :---: | :---: | :---: | :---: |
|  | $\%$ | $\%$ | $\%$ | Number of <br> drivers |
|  | 0.9 | 0.3 | 98.8 | 9,804 |
| Female | 0.7 | 0.2 | 99.1 | 7,067 |
| All drivers | 0.8 | 0.3 | 98.9 | 16,871 |

Table 28: Percentage of drivers observed using a mobile phone by age and gender

| All drivers <br> Base $=100 \%$ |  | Type of |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Hand-held <br> \% | Hands-free <br> \% | Neither <br> \% | Number of drivers |
|  |  |  |  |  |  |
| 60+ | Male | 0.2 | 0.3 | 99.6 | 1,889 |
|  | Female | 0.1 |  | 99.9 | 668 |
| 30 to 59 | Male | 0.7 | 0.4 | 98.9 | 5,514 |
|  | Female | 0.5 | 0.2 | 99.3 | 3,492 |
| 17 to 29 | Male | 1.9 | 0.2 | 97.8 | 2,401 |
|  | Female | 1.1 | 0.2 | 98.7 | 2,907 |
| All male drivers |  | 0.9 | 0.3 | 98.8 | 9,804 |
| All female drivers |  | 0.7 | 0.2 | 99.1 | 7,067 |

## Appendix 2

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

Day: Tuesday

| All cars <br> Base $=100 \%$ | Tim |  |  |  |  |  |  |  | Number of cars observed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 08.30 | 09.30 | 10.30 | 11.30 | 14.00 | 15.00 | 16.00 | 17.00 |  |
| M1 at | 80 | 65 | 64 | 63 | 71 | 66 | 76 | 80 | 565 |
| M2 at | 84 | 82 | 77 | 72 | 81 | 81 | 75 | 85 | 637 |
| M1 at Black s Road | 24 | 40 | 42 | 54 | 57 | 76 | 80 | 70 | 443 |
| Antrim Rd/D gall Park Ave | 65 | 75 | 60 | 44 | 67 | 57 | 64 | 72 | 504 |
| Knock Dual Carriageway | 79 | 75 | 72 | 78 | 80 | 76 | 78 | 74 | 612 |
| Saintfield Road | 79 | 75 | 75 | 74 | 82 | 85 | 88 | 78 | 636 |
| Derriagh | 76 | 69 | 71 | 69 | 76 | 78 | 75 | 80 | 594 |
| Strand Rd, L derry | 65 | 54 | 36 | 43 | 47 | 43 | 49 | 45 | 382 |
| Anne St, Enniskillen | 77 | 78 | 82 | 82 | 78 | 78 | 82 | 75 | 632 |
| Milltown Rd/Shaw s Bridge | 79 | 81 | 75 | 79 | 79 | 74 | 75 | 79 | 621 |
| Banbridge | 79 | 51 | 49 | 43 | 48 | 49 | 61 | 79 | 459 |
| Hillhead Rd, Ballyclare | 78 | 67 | 64 | 74 | 73 | 60 | 80 | 79 | 575 |
| Ballysallagh Rd, Bangor | 61 | 41 | 26 | 40 | 37 | 43 | 45 | 50 | 343 |
| A505 Cookstown to Omagh | 76 | 74 | 78 | 79 | 73 | 77 | 78 | 78 | 613 |
| Carrickfergus/Greenisland | 90 | 81 | 76 | 78 | 82 | 86 | 80 | 80 | 653 |
| All sites | 1092 | 1008 | 947 | 972 | 1031 | 1029 | 1086 | 1104 | 8269 |

Day: Saturday

| $\begin{aligned} & \text { All cars } \\ & \text { Base }=100 \% \end{aligned}$ | Tim |  |  |  |  |  |  |  | Number of cars observed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 08.30 | 09.30 | 10.30 | 11.30 | 14.00 | 15.00 | 16.00 | 17.00 |  |
| M1 at | 79 | 80 | 71 | 79 | 85 | 78 | 81 | 84 | 637 |
| M2 at | 82 | 83 | 83 | 86 | 86 | 81 | 81 | 88 | 670 |
| M1 at Black s Road | 28 | 45 | 62 | 68 | 68 | 58 | 57 | 74 | 460 |
| Antrim Rd/D gall Park Ave | 37 | 36 | 50 | 59 | 65 | 60 | 49 | 59 | 415 |
| Knock Dual Carriageway | 82 | 85 | 86 | 87 | 81 | 89 | 82 | 90 | 682 |
| Saintfield Road | 74 | 79 | 86 | 84 | 83 | 86 | 86 | 89 | 667 |
| Derriagh | 73 | 73 | 77 | 79 | 79 | 82 | 84 | 83 | 630 |
| Strand Rd, L derry | 27 | 32 | 25 | 36 | 51 | 42 | 43 | 49 | 305 |
| Anne St, Enniskillen | 81 | 86 | 84 | 85 | 83 | 68 | 65 | 78 | 630 |
| Milltown Rd/Shaw s Bridge | 83 | 88 | 83 | 84 | 81 | 86 | 84 | 84 | 673 |
| Banbridge | 50 | 62 | 68 | 67 | 64 | 72 | 51 | 58 | 492 |
| Hillhead Rd, Ballyclare | 86 | 86 | 84 | 80 | 88 | 82 | 76 | 81 | 663 |
| Ballysallagh Rd, Bangor | 27 | 38 | 40 | 44 | 52 | 50 | 48 | 43 | 342 |
| A505 Cookstown to Omagh | 78 | 82 | 81 | 84 | 82 | 87 | 81 | 82 | 657 |
| Carrickfergus/Greenisland | 84 | 88 | 81 | 83 | 86 | 86 | 85 | 86 | 679 |
| All sites | 971 | 1043 | 1061 | 1105 | 1134 | 1107 | 1053 | 1128 | 8602 |

