



RSA

# ANNUAL NATIONAL SEATBELT SURVEY

Adult and Child Survey Results 2009

Road Safety Authority  
May 2009

Údarás Um Shábháilteacht Ar Bhóithre  
Road Safety Authority

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## A - Executive Summary

### Overview

**Overall adult seatbelt wearing rates reach the highest level recorded at 89%**

In 2009, the Road Safety Authority (RSA) conducted a national seatbelt observational survey on Irish roads. Seatbelt usage and gender were recorded from motorists travelling along a selected sample of roads. Data was recorded from all car drivers, light goods vehicle drivers and adult front and rear passengers. Separate surveys for primary school and secondary school children travelling in the front or rear seat were also conducted.

### Adult Wearing Rates

The survey was conducted among 17,130 adults occupying the front seats of vehicles, of which 13,925 (81%) were drivers. In addition, 1,396 adults occupying rear seats were observed.

In 2009, 89% of adults (drivers, front and rear passengers) were recorded wearing a seatbelt – the highest rate recorded to date. 90% of drivers observed were wearing a seatbelt, no improvement on 2008 wearing rates. Seatbelt surveys conducted in previous years revealed the following wearing rates for drivers:

- 2007 – 88%
- 2006 and 2005 - 86 %
- 2003 - 85 %
- 2002 - 71 %
- 1999 - 55 %
- 1991 - 52 %

Compared with 2008, there was a marginal increase in seatbelt wearing rates for females occupying the front seat in 2009. However, the survey showed no change in the males seatbelts wearing rates.

The 2009 nationwide estimates for drivers' seatbelt use by road type were 89% for urban national primary, 88% for urban national secondary, 93% for rural national primary, 91% for rural national secondary, 92% for regional roads and 86% for county roads.

**Seatbelt wearing rates for both primary and secondary pupils are up since 2008**

While front seatbelt wearing rates have remained at 2008 level, wearing rates in rear seats in 2009 (79%) have risen marginally since 2008 (78%). Wearing rates for both males and females are lower in 2009 than in 2007. However, wearing rates in 2009 for rear seat belts are still higher than in 2005, and 2006.

### Primary and Secondary School Seatbelt Wearing Rates

At 80%, rear seatbelt wearing rates for primary school pupils saw an increase of 6 percentage points on wearing rates in 2008 (74%). Secondary school pupils showed a more dramatic increase with a 83% wearing rate recorded for rear seatbelts, up 11 percentage points on 2008 (72%).

## **B - Key Findings of Seatbelt Survey**

**Rear  
seatbelt  
wearing  
rate was  
79% in  
2009**

### **Adult Drivers and Passengers**

- At 89%, overall seatbelt wearing rates for adults (drivers, front and rear passengers) are the highest ever recorded;
- In 2009, 90% of drivers were observed wearing a seatbelt, a no improvement on 2008 wearing rates;
- While front seatbelt wearing rates have shown no change, the rear seatbelt wearing rate for adults has increased marginally from 78% in 2008 to 79% in 2009;
- Front seat passengers were 2.3 times more likely to be wearing a seatbelt compared to rear seat passengers;

### **Wearing Rates by Gender**

- Male overall front seat wearing rates show no change in 2009; however, the wearing seatbelts for females in the front of the car has increased by a percentage point to 94% in 2009;
- However, only 34% of male drivers with unbelted male passengers were observed wearing their seatbelts;
- The results also suggest that both male and female drivers are more likely to wear a seatbelt if the front seat passenger is belted up;
- Female drivers were two times more likely to be wearing their seatbelt compared to male drivers.
- Rear seatbelt wearing rates for both males and females are lower in 2009 than in 2007 but are still higher than 2005, 2006 and 2008;
- Women are more likely than men to belt up in rear seats, with wearing rates of 80% and 78% respectively.

### **Seatbelt Wearing by Road Type**

- Drivers were more likely to be wearing a seatbelt when travelling on Dublin urban roads and Limerick urban roads compared to when driving on urban national primary roads;
- However, drivers were less likely to be wearing a seatbelt when travelling on county roads.

### **Primary and Secondary School Wearing Rates**

- Seatbelt wearing rates for primary and secondary school-goers are up on last year's figures;
- At 80%, rear seatbelt wearing rates for primary school pupils saw an increase of 6 percentage points on wearing rates in 2008 (74%);
- Secondary school students showed a more dramatic increase with a 83% wearing rate recorded for rear seatbelts, up 11 percentage points on 2008 (72%);
- Front seatbelt wearing rates for primary school pupils was down with an 82% wearing rate recorded in 2009, a reduction of 4 percentage points on 2008 (86%);
- Seatbelt wearing rates for front seat passengers attending secondary school was recorded at 87%, showed no change on 2008 wearing rates;

## C - Definitions

### Road Classifications in the Republic of Ireland

Roads are the dominant mode of transport in Ireland accounting for 96% of passenger traffic and 89% of freight transport.

**National roads** consist of **National Primary** and **National Secondary roads**. They account for only 6% of the total road network despite carrying over 45% of traffic. A national road (including a motorway) is denoted by the letter N or M (e.g. N7, M50).

- National Primary roads are major long distance through-roads linking the principal ports/airports, cities and large towns. It is denoted by N1, N2....., N33
- National Secondary roads are medium distance through-roads connecting important towns and linking up to the national primary roads. It is denoted by N51, N52....., N87

**Non-national roads** consist of **regional** roads and **local** roads which are important as our low density of population creates a high dependence on the local roads system. A non-national road is denoted by the letter L or R (e.g. L3421, R416).

**Regional roads** provide the main links between national roads. Local roads include all other urban and rural roads. Regional and local roads account for 94% of the total road network and carry over 55% of traffic.

An **arterial road** is a moderate or high-capacity road usually on the approach to urban areas. For this study, they can be regarded as the stretch of roads before entering towns and villages. They are generally identified by either a 50 km/h or a 60 km/h speed limit.

**Residential roads** are roads which go through business, shopping and residential areas of cities and towns. A default speed limit of 50 km/h applies to such roads and is sometimes referred to as a "build up speed limit". As these are default speed limits on these roads, they are not always indicated by a speed limit sign.

# 1 Seatbelt Survey 2009

## 1.1 Introduction

Wearing a seatbelt is one of the most effective ways of protecting you in a crash, therefore helping to reduce the number of deaths and serious injuries on our roads. However, as previous surveys have shown, not everybody wears a seatbelt when they are travelling in their vehicle. Under the Government Road Safety Strategy, 2007 – 2012, the Road Safety Authority (RSA) is tasked with carrying out national surveys on the rates of seatbelt wearing among drivers and passengers. The results of these surveys are used to monitor trends, determine the effectiveness of safety initiatives and inform the ongoing review of public policy in relation to road safety.

**11% of all car drivers killed in 2008 were not wearing seatbelts**

## 1.2 Background

In 1991, the Environmental Research Unit in Ireland carried out a nationwide survey of seatbelt wearing rates and traffic speeds. This was the first survey of its kind and covered the entire road network. In 1999, the National Roads Authority (NRA) commissioned ARUP Consulting Engineers and Pavement Management Services (PMS) to undertake separate surveys of free speeds in rural and urban areas. A survey was also undertaken to monitor seatbelt wearing rates. Three reports were subsequently published - Free Speeds on Rural Roads 1999; Free Speeds on Urban Roads 1999 and Seatbelt Wearing Rates 1999.

The NRA in 2002, 2003 and 2005, and the RSA in 2006, 2007 and 2008, carried out nationwide surveys of free speeds (Urban and Rural) and seatbelt wearing rates. These surveys were based on the methodology outlined in the 1999 reports.

**9% of all car front seat passengers killed in 2008 were not wearing seatbelts**

## 1.3 Survey methodology

This survey was carried out in two distinct parts with independent observations of seatbelt wearing by:

- Adult drivers and passengers
- Child passengers (primary and secondary school)

The methods used in this study are the same as those used in the Seatbelt Wearing Rates 1999 report and subsequent surveys. A total of 108 sites were selected where an average of 125 cars and light goods vehicles were surveyed at each location. This gave a total sample size of over 13,000. This sample size is sufficient to give a range of accuracy of approximately plus or minus 1% on the overall driver and front seat wearing rate figure.

For the purposes of the survey, the network of public roads was broken down into eleven separate classes of roads. As with previous surveys, members of



An Garda Síochána, driving instructors, taxi drivers and children were excluded from the front and rear adult seatbelt surveys.

Surveyors were instructed to continue the survey until the target sample coverage was exceeded or for a maximum of three hours if the quota was not reached.

As noted in previous surveys, the results may be biased as the survey was carried out during daylight hours in the summer months; seatbelt wearing rates may differ according to the time of day, day of the week and month. For example, during the summer months, there is a higher level of tourist activity on the roads who may be more or less likely to wear their seatbelts than residents. Similarly, seatbelt wearing rates at the time of day that the surveys were carried out (mostly mid-morning or mid-afternoon) may not be fully representative of average daily wearing rates.

In addition to the front and rear adult seatbelt surveys, the 2009, 2008, 2007, 2006, 2005 and 2003 studies included a separate seatbelt survey of students attending primary and secondary schools.

The front and rear adult seatbelt survey locations are shown in Section 4.

Roadside observations to monitor adult seatbelt wearing rates were made at 108 sites throughout Ireland. Tables 4a to 4d show the locations of the adult survey sites. Roadside observations of child seatbelt wearing rates were carried out at 28 schools across the country (see Table 5a). The data collection sheets and surveyor instructions are in Appendix 1 and Appendix 2 respectively.

The data was collected by the Dublin-based specialist traffic data collection company, Nationwide Data Collection. The data was then forwarded to the transport planning consultancy, Colin Buchanan and Partners, who examined it in detail, looking at the consistency of observations within and between survey sites.

## 2 Adult seatbelt survey results

### 2.1 Overview

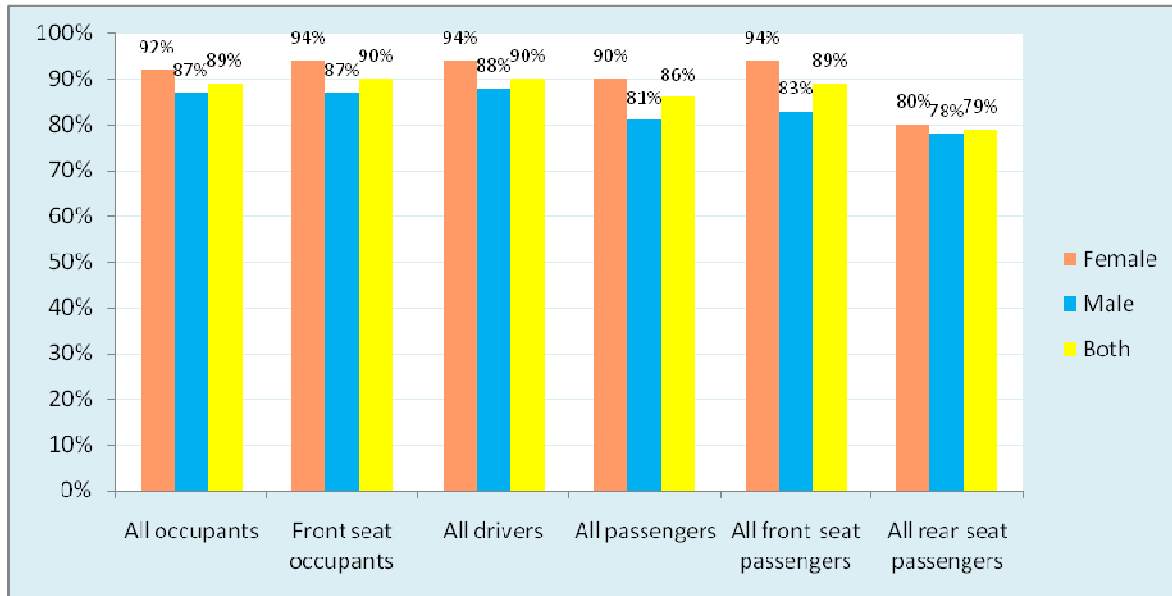
18,526 individual adult drivers and passengers were observed at 108 sites throughout Ireland in 2009. The findings are summarised in the tables and figures in this section. Overall, a 90% seatbelt usage rate for front occupants of cars and light goods vehicles was observed. Table 2.1 and Figure 2.1 summarise the overall compliance rates by driver/passenger class and gender. Compliance by drivers is now 90% which show no change from 2008 level.

**90% of all front seat occupants observed on Irish roads in 2009 were buckled up**

**Table 2.1: Adult seatbelt wearing by driver / passenger class and gender, 2009**

Driver/passenger class	Number of observations	Seat belt worn				% compliance		
		Female		Male		Female	Male	All
		No	Yes	No	Yes			
All occupants	18,526	623	7,435	1,392	9,076	92%	87%	89%
Front seat occupants	17,130	452	6,756	1,270	8,652	94%	87%	90%
All drivers	13,925	326	4,883	1,059	7,657	94%	88%	90%
All passengers	4,601	297	2,552	333	1,419	90%	81%	86%
All front seat passengers	3,205	126	1,873	211	995	94%	83%	89%
All rear seat passengers	1,396	171	679	122	424	80%	78%	79%

**Figure 2.1: Adult seatbelt wearing by driver / passenger class, 2009**

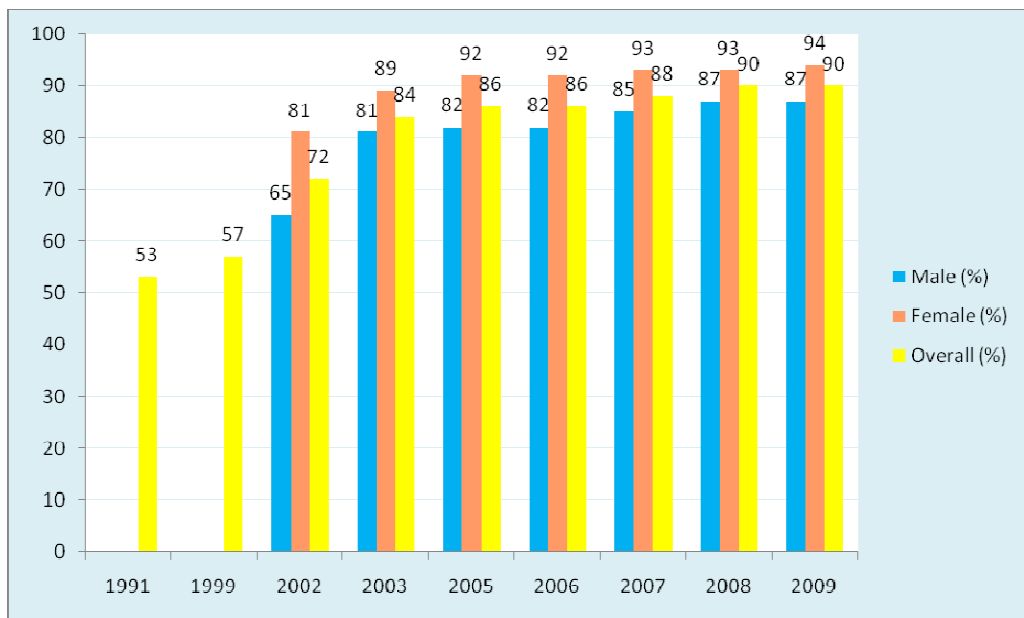


## 2.2 Front seatbelt wearing rates – driver and passenger

Adult front seatbelt usage, at the different observation road types, ranged from 88% to 97%. Front seat passengers were 2.3 times more likely to be wearing seatbelt compared to rear seat passengers. No difference was found among observed seatbelt use for drivers compared to front seat passengers.

No significant change was found in male front seatbelt usage rates in 2009 compared with 2008. However, female drivers were two times more likely to wear their seatbelt compared to male drivers.

**Figure 2.2: Driver and front seat wearing rates (%) by gender and year**



## 2.2 Rear seatbelt wearing rates

The rear seatbelt wearing rate for adults has marginally increased from 78% in 2008 to 79% in 2009. However, the 2009 rate is still higher than was recorded in 2006 and 2005. Women are more likely than men to belt up in rear seats, with wearing rates of 80% and 78% respectively.

Table 2.3 shows the results of the adult rear seatbelt surveys conducted from 2005 to 2009. Sample sizes for each location were relatively small, partly because of the low proportion of cars with an adult in the rear seat and also reflecting the difficulty surveying rear seats.

**Table 2.3: Rear seatbelt wearing rates (%) for adults, 2005 to 2009**

		Belt worn	No belt worn	Wearing Rate (%)
2009				
All Locations	Male	424	122	78
	Female	679	171	80
	All	1103	293	79
2008				
All Locations	Male	173	69	71
	Female	287	57	83
	All	460	126	78
2007				
All Locations	Male	306	75	80
	Female	422	63	87
	All	728	138	84
2006				
All Locations	Male	278	235	54
	Female	579	260	69
	All	857	495	63
2005				
All Locations	Male	137	208	40
	Female	247	243	50
	All	384	451	46

**2.4 Association between driver and front passenger seatbelt usage**

Table 2.4 shows the association between driver and front passenger seatbelt usage. The results suggest that both male and female drivers are more likely to be wearing a seatbelt if the front seat passenger is belted up. Wearing rates are lowest for male drivers, especially for those beside unbelted male passengers which, at 34%, is 1% less than in 2008.

*Drivers were less likely to belt up if the front passenger was not belted up*

**Table 2.4: Association between the driver and front seat passenger seatbelt usage, 2009**

	Male Driver Wearing Rates	Female Driver Wearing Rates	Overall Driver Wearing Rates
Driver alone	88%	94%	90%
Male passenger wearing	97%	98%	97%
Male passenger not wearing	34%	73%	40%
Female passenger wearing	96%	99%	97%
Female passenger not wearing	63%	58%	62%
Overall passenger wearing rates	90%	97%	92%

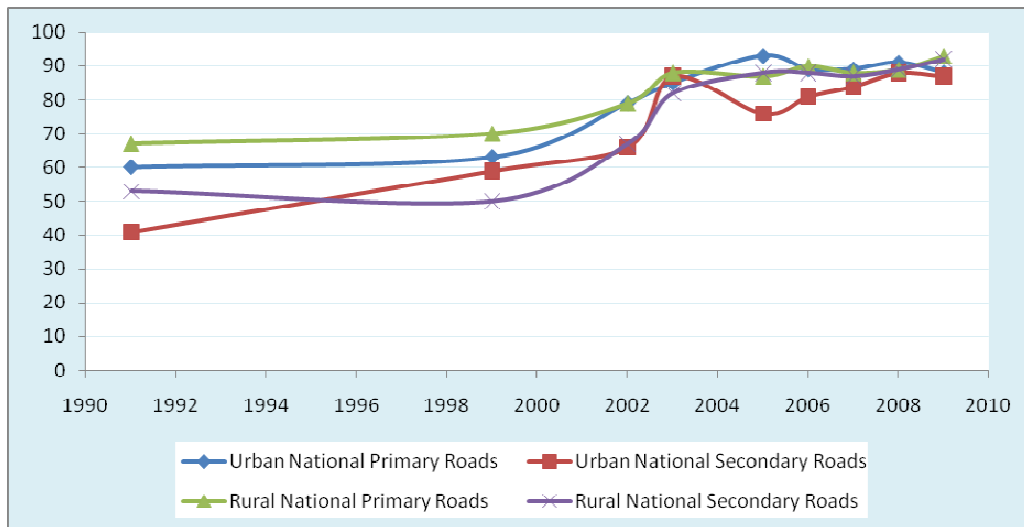
## 2.5 Seatbelt wearing rates by road type

Table 2.5 and Figures 2.5a and 2.5b show the wearing rates on different classes of road. Drivers were more likely to be wearing a seatbelt when travelling on Dublin urban roads and Limerick urban roads compared to when driving on urban national primary roads. However, drivers were less likely to be wearing a seatbelt when travelling on county roads.

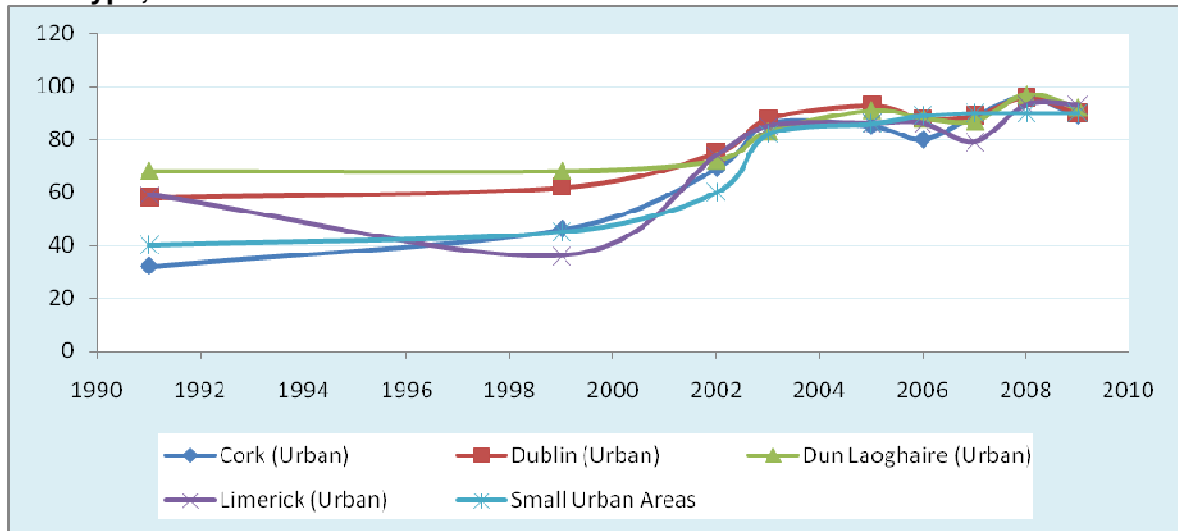
**Table 2.5: Driver and front seat passenger wearing rates (%) by road class and year**

Year	Urban National Primary Roads	Urban National Secondary Roads	Rural National Primary Roads	Rural National Secondary Roads	Cork (Urban)	Dublin (Urban)	Dun Laoghaire (Urban)	Limerick (Urban)	Small Urban Areas	Regional Roads	County Roads
1991	60	41	67	53	32	58	68	59	40	61	44
1999	63	59	70	50	46	62	68	36	45	61	52
2002	79	66	79	67	69	75	72	74	60	75	67
2003	85	87	88	82	86	88	83	85	82	85	81
2005	93	76	87	88	85	93	91	86	86	86	79
2006	89	81	90	88	80	88	88	86	89	86	83
2007	89	84	88	87	89	89	87	79	90	88	91
2008	91	88	89	89	96	96	97	93	90	90	84
2009	89	87	93	92	89	90	92	93	90	92	85

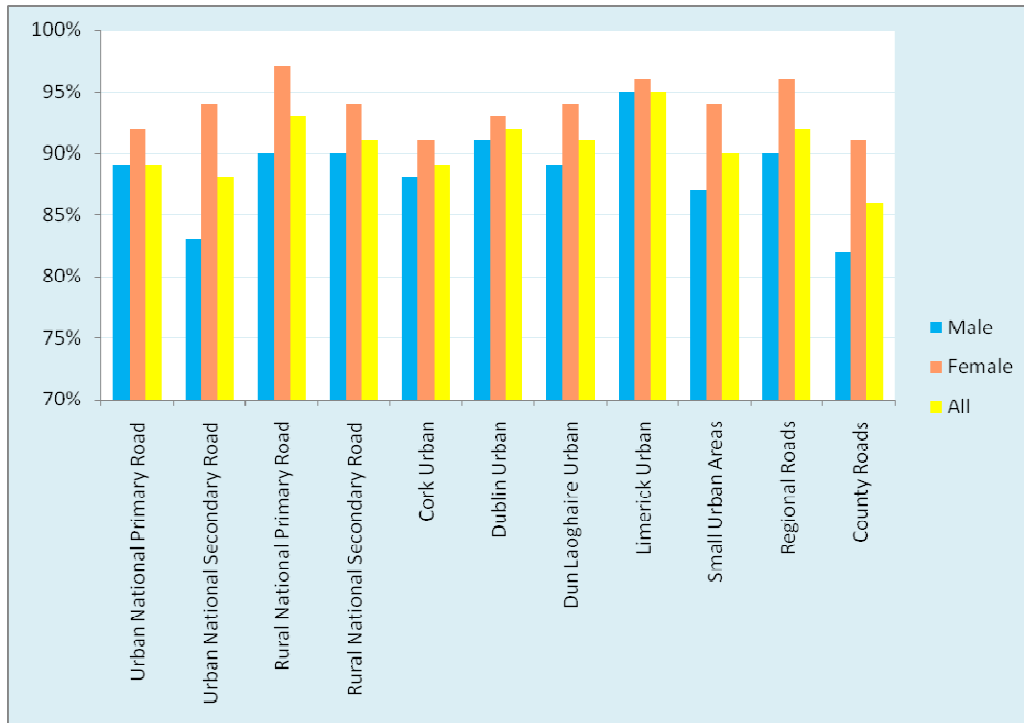
**Figure 2.5a: Trend in driver and front seat passenger seatbelt wearing rates by road type, 1991-2009**



**2.5b Trend in driver and front seat passenger seatbelt wearing rates by road type, 1991-2009**



**Figure 2.5c: Driver seatbelt wearing rates (%) by gender and road type, 2009**



### 3 Primary and secondary school seatbelt survey results

#### 3.1 Overview

In 2009, 1,956 children were observed as rear and front car seat passengers at 14 primary and 14 secondary schools throughout Ireland. Overall, an 83% seatbelt wearing rate was recorded among primary and secondary school-goers.

Compliance tends to be higher in the morning school run than it is during the afternoon. Front seat compliance continues to be higher than that for rear seat passengers. Tables 3.1a and 3.1b summarise the key points of the survey findings.

**School children are more likely to buckle up if they are in the front seat**

**Table 3.1a: Summary of seatbelt wearing for children by gender, 2009**

Time Period	Site ref	School type	Total observation	Seat belt worn				% compliance		
				Female		Male		Female	Male	All
				No	Yes	No	Yes			
AM	All	Primary	583	63	232	35	253	79%	88%	83%
AM	All	Secondary	503	45	188	36	234	81%	87%	84%
PM	All	Primary	284	33	116	34	101	78%	75%	76%
PM	All	Secondary	586	55	292	30	209	84%	87%	85%
AM	All	All	1,086	108	420	71	487	80%	87%	84%
PM	All	All	870	88	408	64	310	82%	83%	83%
All	All	Primary	867	96	348	69	354	78%	84%	81%
All	All	Secondary	1,089	100	480	66	443	83%	87%	85%
All	All	All	1,956	196	828	135	797	81%	86%	83%

**Table 3.1b: Summary of seatbelt wearing for children by time period, school type, seat occupied and gender, 2009**

School type	Time Period	Seat	Total obs	Seat belt worn				% Compliance		
				Female		Male		Female	Male	Both
				No	Yes	No	Yes			
Primary	AM	Front	210	18	92	14	86	84%	86%	85%
	AM	Rear	373	45	140	21	167	76%	89%	82%
	PM	Front	136	13	52	16	55	80%	77%	79%
	PM	Rear	148	20	64	18	46	76%	72%	74%
Primary	Both	Front	346	31	144	30	141	82%	82%	82%
	Both	Rear	521	65	204	39	213	76%	85%	80%
Secondary	AM	Front	306	23	110	19	154	83%	89%	86%
	AM	Rear	197	22	78	17	80	78%	82%	80%
	PM	Front	268	21	145	14	88	87%	86%	87%
	PM	Rear	318	34	147	16	121	81%	88%	84%
Secondary	Both	Front	574	44	255	33	242	85%	88%	87%
	Both	Rear	515	56	225	33	201	80%	86%	83%
Both	Both	Front	920	75	399	63	383	84%	86%	85%
	Both	Rear	1,036	121	429	72	414	78%	85%	81%
Both	Both	Both	1,956	196	828	135	797	81%	86%	83%

### 3.2 Primary school seatbelt wearing rates

80% of primary school pupils were observed wearing their seatbelt in the rear of the car, an increase of 6 percentage points on 2008 figures (74%). Front seatbelt wearing rates for the same group was down with an 82% wearing rate recorded in 2009, a reduction of 4 percentage points on 2008 (86%).

Tables 3.2a and 3.2b show the seatbelt wearing rates, both front and rear, for primary school pupils over the six year period, 2003 to 2009.

**Table 3.2a: Primary schools – rear seatbelt wearing rates, 2003 to 2009**

	Not Wearing	Wearing	Wearing rate (%)
Female	65	204	76
Male	39	213	85
Total 2009	104	417	80
Total 2008	286	819	74
Total 2007	183	416	70
Total 2006	202	360	64
Total 2005	170	251	60
Total 2003	216	203	48



**Table 3.2b: Primary schools – front seatbelt wearing rates, 2003 to 2009**

	<b>Not Wearing</b>	<b>Wearing</b>	<b>Wearing rate (%)</b>
Female	31	144	82
Male	30	141	82
Total 2009	61	285	82
Total 2008	99	603	86
Total 2007	85	330	80
Total 2006	94	294	76
Total 2005	126	288	70
Total 2003	133	283	68

### 3.3 Secondary school seatbelt wearing rates

For secondary school students, the seatbelt wearing rate for rear seat passengers is 83%, 11percentage points higher than the 72% recorded in 2008. Seatbelt wearing rates for front seat passengers attending secondary school is 87%, no improvement on 2008 wearing rates.

Tables 3.3a and 3.3b show the seatbelt wearing rates, both front and rear, for secondary school pupils over the six year period, 2003 to 2008.

**Table 3.3a: Secondary schools – front seatbelt wearing rates, 2003 to 2009**

	<b>Not Wearing</b>	<b>Wearing</b>	<b>Wearing rate (%)</b>
Female	44	255	85
Male	33	242	88
Total 2009	77	497	87
Total 2008	181	1236	87
Total 2007	201	727	78
Total 2006	91	655	88
Total 2005	295	623	68
Total 2003	211	343	62

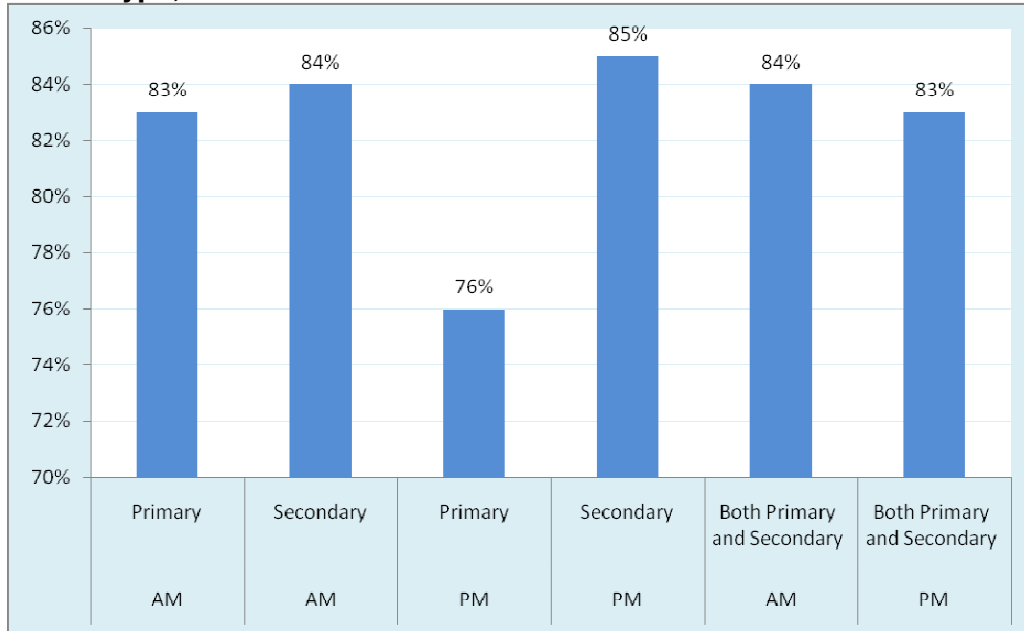
**Table 3.3b: Secondary schools – rear seatbelt wearing rates, 2003 to 2009**

	<b>Not Wearing</b>	<b>Wearing</b>	<b>Wearing rate (%)</b>
Female	56	225	80
Male	33	201	86
Total 2009	89	426	83
Total 2008	307	785	72
Total 2007	216	369	63
Total 2006	146	454	76
Total 2005	271	325	55
Total 2003	203	157	44

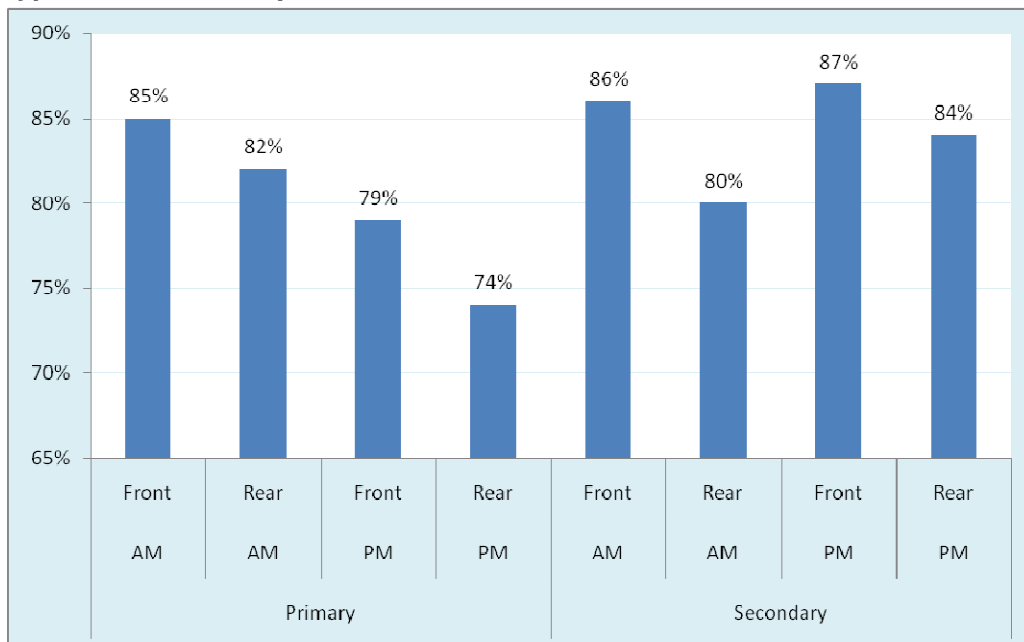
### 3.4 Wearing rates by time of day

Compliance tends to be higher in the morning school run than it is during the afternoon. Primary school pupils were 1.5 times more likely to wear their seatbelt in the morning when compared to the afternoon. No significant difference was found among observed seatbelt use for primary school children compared to secondary school children.

**Figure 3.4a: Seatbelt wearing for school children by time period and school type, 2009**



**Figure 3.4b: Seatbelt wearing for school children by time period, school type and seat occupied, 2009**



## 4 Tables - Adult Seatbelt Wearing

**Table 4a: Adult seatbelt wearing survey locations (national roads)**

Road Type	Code	Road	Section	Location
Urban national primary roads	28	N7	48	Inchicore
	27	N4	42	Palmerstown Avenue junction
	24	N7	20C	Portlaoise
	22	N22	5	Killarney
	29	N6	2C	Galway
	20	N8	8	Fermoy
Urban national secondary roads	15	N60	1	Westport
	26	N51	7	Navan
Rural national primary roads	19	N25	7	Near Wexford town
	23	N9	01B	Waterford
	10	N9	10	North of Waterford
	16	N2	10	Carrickmacross
	11	N15	1	Lifford
	12	N15	7	Donegal town
	21	N15	11	Ballyshannon
	25	N17	12	Julianstown – Drogheda
	6	N4	16	Drumsna – Drumod
	17	N6	22	Moate – Horsleap
	9	N24	20	Monard – Oola
	14	N21	3	Castleisland – Tralee
	13	N17	15	Galway – Claregalway
Rural national secondary roads	3	N62	4	Thurles – Templemore
	8	N62	5	Templemore
	4	N56	9	Dungloe
	2	N57	4	Foxford – Swinford
	7	N55	8	Mostrim – Granard
	5	N65	3	Portumna
	18	N52	2	Nenagh
	1	N67	4	Kilkee

**Table 4b: Adult seatbelt wearing survey locations (urban roads)**

City	Code	Street
Cork	101	Monahan Road
	102	Mount Pleasant Road
	103	Clanricard Road
	104	North Main Street
	105	Cathedral Road
Dublin	106	Walkinstown Park
	107	St Finbarr's Road
	108	Old County Road
	109	Kinvara Avenue
	111	Tonglee Road
	112	Richmond Road
	113	Dolphin Road
	114	Pearse Street
Dun Laoghaire	115	Malahide Road
	116	Mount Street Upper
	117	Fairview
	118	Ardmore Park
Limerick	119	Sallynoggin Road
	120	Sandycove Road
	121	Claughan Fort
Galway	122	Brookville Avenue
	123	Shelbourne Road
	201	Seapoint Promenade
Athlone	202	Fr. Bourke Road
	203	Dominick Street
Kilkenny	205	Strand Road
Carrick-on-Suir	206	Michael Street
Longford	207	Cattle Mart
Longford	208	St. Josephs Road
Longford	209	Great Water Street
Skibbereen	210	High Street

**Table 4c: Adult seatbelt wearing survey locations (regional roads)**

<b>Code</b>	<b>Road</b>	<b>City</b>	<b>Street</b>
320	R576	Cork	Coolagh Junction
321	R262	Donegal	Donegal – Glenties
322	R671	Waterford	Knocknaskadagh
327	R474	Clare	Aug Na Glanna Bridge
328	R339	Galway	Monivea
329	R336	Galway	Irish College Spiddal
330	R414	Kildare	Mountrice
331	R697	Kilkenny	O’Leary’s Cross
332	R695	Kilkenny	Damma
333	R513	Limerick	Kilglass
334	R319	Mayo	Mulrany-Achill
335	R178	Monaghan	Rakeragh
336	R165	Monaghan	Drumbear
337	R437	Offaly	Broughall
338	R440	Offaly	Cadamstown
339	R400	Westmeath	Mullingar
340	R392	Westmeath	Mullingar
341	R760	Wicklow	Ballyvourney Road

**Table 4d: Adult seatbelt wearing survey locations (county roads)**

<b>Code</b>	<b>County</b>	<b>Location</b>
301	Cork	Bartlemy
302	Cork	Dirk-Long Strand
303	Laois	Castletown
304	Limerick	Ballyshonnaig
305	Waterford	Curraghkiely
306	Cork	Ballyhooly
307	Donegal	McIvors Farm
308	Longford	Killenboy
309	Clare	Caherleen
310	Cork	Meelin
311	Donegal	Letterkenny – Trentagh
312	Donegal	Castlemurray
313	Galway	Doonwood Golflinks
314	Kerry	Drumclough School
315	Laois	Killenure
316	Roscommon	Castleplunkit
317	Westmeath	Knockaville
318	Wexford	Dunganstown
319	Wexford	Ballytarsna
323	Cork	Cahirbarnagh
324	Cork	Glanworth
325	Donegal	Clonmany – Lennan
326	Offaly	Rahan – Ballycumber
342	Cork	Ballyknoskane
343	Cork	Mallymackeagh
344	Kerry	Ballineany
346	Waterford	Cappaquin – Youghal
401	Dublin	Tobersoole Lane
402	Dublin	South Strand Road, Rush
403	Dublin	Millview Road Malahide

Table 4e: Adult seatbelt wearing for drivers by gender, 2009

site_ref	obs	Seat belt worn				% compliance	
		Female		Male		Female	Male
		No	Yes	No	Yes		
1	140	4	50	18	68	93%	79%
2	140	5	62	9	64	93%	88%
3	140	4	64	9	63	94%	88%
4	140	6	32	10	92	84%	90%
5	140		62	2	76	100%	97%
6	140	1	42	10	87	98%	90%
7	140		44	7	89	100%	93%
8	140	4	59	8	69	94%	90%
9	140	3	55	6	76	95%	93%
10	140		43	7	90	100%	93%
11	140	3	56	14	67	95%	83%
12	140		43	10	87	100%	90%
13	140		60	1	79	100%	99%
14	140	3	47	9	81	94%	90%
15	140	1	50	15	74	98%	83%
16	140	6	63	15	56	91%	79%
17	140		43	7	90	100%	93%
18	140	3	35	8	94	92%	92%
19	140		37	2	101	100%	98%
20	140	8	48	13	71	86%	85%
21	140	1	37	16	86	97%	84%
22	140	11	45	20	64	80%	76%
23	140		51	7	82	100%	92%
24	140	5	28	14	93	85%	87%
25	140	5	49	10	76	91%	88%
26	140	5	49	14	72	91%	84%
27	140		45	8	87	100%	92%
28	140	4	54	6	76	93%	93%
29	140	1	48	4	87	98%	96%
30	139	1	60	6	72	98%	92%
101	140	1	37	14	88	97%	86%
102	140	5	64	10	61	93%	86%
103	140	4	63	6	67	94%	92%
104	140	8	44	13	75	85%	85%
105	140	5	38	9	88	88%	91%
106	119	3	33	8	75	92%	90%
107	124	6	52	10	56	90%	85%
108	140	9	43	17	71	83%	81%
109	113	5	40	13	55	89%	81%
111	140		54		86	100%	100%
112	140		57		83	100%	100%
113	140	7	42	22	69	86%	76%
114	140	2	40	2	96	95%	98%
115	140		49		91	100%	100%
116	140	5	35	13	87	88%	87%
117	140		64		76	100%	100%
118	140	1	63	5	71	98%	93%
119	140	3	46	17	74	94%	81%
120	140	7	60	5	68	90%	93%
121	140	5	57	8	70	92%	90%
122	140	2	54	2	82	96%	98%
123	140		48	2	90	100%	98%
201	140	2	68	6	64	97%	91%
202	140	4	75	8	53	95%	87%
203	140	2	68	10	60	97%	86%
204	140	2	55	15	68	96%	82%
205	140	2	75	1	62	97%	98%
206	140	7	58	8	67	89%	89%
207	140	7	42	20	71	86%	78%
208	140		46	2	92	100%	98%
209	140	4	44	11	81	92%	88%
210	140	5	62	23	50	93%	68%
301	77	7	42	8	20	86%	71%
302	88	5	23	17	43	82%	72%
303	140	3	21	21	95	88%	82%
304	140	5	63	17	55	93%	76%

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305	37		12	8	17	100%	68%
306	140	7	45	25	63	87%	72%
307	140	6	43	9	82	88%	90%
308	101		40	1	60	100%	98%
309	106	5	25	19	57	83%	75%
310	91	6	38	15	32	86%	68%
311	107	1	29	23	54	97%	70%
312	31	1	13	4	13	93%	76%
313	104	1	50	6	47	98%	89%
314	72	4	35	17	16	90%	48%
315	140	2	28	6	104	93%	95%
316	140	1	47	10	82	98%	89%
317	117		41	6	70	100%	92%
318	12		2	1	9	100%	90%
319	118	2	35	8	73	95%	90%
320	140	5	58	11	66	92%	86%
321	140	4	37	12	87	90%	88%
322	88		21	5	62	100%	93%
323	29	3	8	12	6	73%	33%
324	140	7	34	21	78	83%	79%
325	140	8	50	16	66	86%	80%
326	140	1	45	5	89	98%	95%
327	140	2	61	7	70	97%	91%
328	140		48	3	89	100%	97%
329	125	2	54	6	63	96%	91%
330	110		41	7	62	100%	90%
331	140	1	41	5	93	98%	95%
332	112	2	40	10	60	95%	86%
333	140		42	13	85	100%	87%
334	140	1	43	3	93	98%	97%
335	140	3	41	26	70	93%	73%
336	140	7	53	19	61	88%	76%
337	47		15		32	100%	100%
338	118		34	7	77	100%	92%
339	140		40	3	97	100%	97%
340	140		52	1	87	100%	99%
341	140	3	43	10	84	93%	89%
342	43	5	17	3	18	77%	86%
343	47		10	12	25	100%	68%
344	125	6	51	12	56	89%	82%
345	140	11	35	30	64	76%	68%
346	104		20	8	76	100%	90%
401	34		11		23	100%	100%
402	47		7	1	39	100%	98%
403	140	2	62	5	71	97%	93%
<b>All</b>	<b>13,925</b>	<b>326</b>	<b>4,883</b>	<b>1,059</b>	<b>7,657</b>	<b>94%</b>	<b>88%</b>



Table 4f: Adult seatbelt wearing for all passengers by gender, 2009

site_ref	obs	Seat belt worn				% compliance	
		Female		Male		Female	Male
		No	Yes	No	Yes		
1	33		17	4	10	89%	71%
2	18		13		5	100%	100%
3	26		14	3	9	100%	75%
4	83	6	54	1	22	90%	96%
5	43		21		22	100%	100%
6	34		15		19	100%	100%
7	47		33		14	100%	100%
8	20	2	12	2	4	86%	67%
9	46	3	29	3	11	91%	79%
10	27		14	3	10	100%	77%
11	89		62	2	25	100%	93%
12	93		63	2	28	100%	93%
13	82		55	3	24	100%	89%
14	36		27	3	6	100%	67%
15	16	1	11		4	92%	100%
16	99	7	57	7	28	89%	80%
17	33		14		19	100%	100%
18	42	3	28	2	9	90%	82%
19	15		10	1	4	100%	80%
20	34	6	20	5	3	77%	38%
21	58		38	1	19	100%	95%
22	43	9	22	6	6	71%	50%
23	38		18	1	19	100%	95%
24	24		11		13	100%	100%
25	47	2	23	3	19	92%	86%
26	64	5	40	6	13	89%	68%
27	47	3	25		19	89%	100%
28	24	3	14	1	6	82%	86%
29	43		33	1	9	100%	90%
30	56		41	2	13	100%	87%
101	25		12	1	12	100%	92%
102	44	1	26	3	14	96%	82%
103	18	3	7	1	7	70%	88%
104	29	5	14	1	9	74%	90%
105	52	6	27	7	12	82%	63%
106	15		10	1	4	100%	80%
107	25	3	14	5	3	82%	38%
108	89	15	38	19	17	72%	47%
109	61	2	33	6	20	94%	77%
111	64	3	44		17	94%	100%
112	30		13		17	100%	100%
113	157	25	65	22	45	72%	67%
114	14		7	2	5	100%	71%
115	51		33		18	100%	100%
116	20	2	10	3	5	83%	63%
117	34		25		9	100%	100%
118	20		16		4	100%	100%
119	21		11		10	100%	100%
120	22		16		6	100%	100%
121	36	7	20	1	8	74%	89%
122	36	8	15	2	11	65%	85%
123	41	4	22	5	10	85%	67%
201	20	1	13	1	5	93%	83%
202	16	2	9	1	4	82%	80%
203	21	1	9	3	8	90%	73%
204	61	3	40	6	12	93%	67%
205	42		26		16	100%	100%
206	30	1	19	1	9	95%	90%
207	45	6	18	10	11	75%	52%
208	39		26	1	12	100%	92%
209	42		26	1	15	100%	94%
210	55	2	32	4	17	94%	81%
301	7		2	2	3	100%	60%
302	28	2	23	3		92%	0%

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303	41	6	13	6	16	68%	73%
304	30		17	2	11	100%	85%
305	10	2	1	2	5	33%	71%
306	24	3	18	2	1	86%	33%
307	76	3	58	2	13	95%	87%
308	19		7		12	100%	100%
309	10		6	2	2	100%	50%
310	20	7	6	3	4	46%	57%
311	40	2	16	12	10	89%	45%
312	4		3		1	100%	100%
313	23		12	2	9	100%	82%
314	13	1	7	3	2	88%	40%
315	27	1	9		17	90%	100%
316	31		16	1	14	100%	93%
317	21	1	5		15	83%	100%
319	41	1	22	3	15	96%	83%
320	39	3	23	3	10	88%	77%
321	55	1	27	8	19	96%	70%
322	21		17		4	100%	100%
324	30	5	15	3	7	75%	70%
325	40	1	16	4	19	94%	83%
326	28		11		17	100%	100%
327	59		34	2	23	100%	92%
328	39	1	14	5	19	93%	79%
329	38	1	32	1	4	97%	80%
330	52		29	3	20	100%	87%
331	33		19		14	100%	100%
332	31		16	3	12	100%	80%
333	39	1	27	3	8	96%	73%
334	46	1	34	3	8	97%	73%
335	58	2	39	7	10	95%	59%
336	51	4	34	1	12	89%	92%
337	9		3		6	100%	100%
338	17		10		7	100%	100%
339	19		9		10	100%	100%
340	18		5		13	100%	100%
341	28		15	5	8	100%	62%
342	4		1	1	2	100%	67%
343	10		4	4	2	100%	33%
344	26	1	14		11	93%	100%
345	45		24	7	14	100%	67%
346	12		3	1	8	100%	89%
401	5		4		1	100%	100%
402	8		2		6	100%	100%
403	29		20		9	100%	100%
601	63	3	30		30	91%	100%
602	7		3	1	3	100%	75%
603	41	20	11	6	4	35%	40%
604	62	4	33	4	21	89%	84%
605	92	5	49	5	33	91%	87%
606	13	2	6	3	2	75%	40%
607	33		20		13	100%	100%
608	6		2	3	1	100%	25%
609	121	48	37	20	16	44%	44%
610	18		12		6	100%	100%
611	127	1	70	5	51	99%	91%
612	14	8		6		0%	0%
613	15	4	7	2	2	64%	50%
<b>All</b>	<b>4,601</b>	<b>297</b>	<b>2,552</b>	<b>333</b>	<b>1,419</b>	<b>90%</b>	<b>81%</b>

Table 4g: Adult seatbelt wearing for front seat passengers by gender, 2009

Site	obs	Seat belt worn				% compliance	
		Female		Male		Female	Male
		No	Yes	No	Yes		
1	29	2	13	4	10	87%	71%
2	17		13		4	100%	100%
3	23		14	1	8	100%	89%
4	64	6	39	1	18	87%	95%
5	35		17		18	100%	100%
6	29		14		15	100%	100%
7	35		26		9	100%	100%
8	19	2	12	2	3	86%	60%
9	43	2	28	3	10	93%	77%
10	25		13	3	9	100%	75%
11	63		44	1	18	100%	95%
12	61		40	2	19	100%	90%
13	42		42	2	19	100%	90%
14	29		22	2	5	100%	71%
15	16	1	11		4	92%	100%
16	53	3	35	4	11	92%	73%
17	30		13		17	100%	100%
18	36		27	1	8	100%	89%
19	15		10	1	4	100%	80%
20	31	5	20	3	3	80%	50%
21	40		23	1	16	100%	94%
22	38	6	20	6	6	77%	50%
23	26		15	1	10	100%	91%
24	23		10		13	100%	100%
25	29		14	2	13	100%	87%
26	43	2	26	5	10	93%	67%
27	37	2	22		13	92%	100%
28	21	3	11	1	6	79%	86%
29	40		31	1	8	100%	89%
30	47		35		12	100%	100%
101	23		11		12	100%	100%
102	39		26	2	11	100%	85%
103	15	1	7	1	6	88%	86%
104	25	2	14	1	8	88%	89%
105	46	4	25	5	12	86%	71%
106	13		8	1	4	100%	80%
107	23	3	14	3	3	82%	50%
108	48	8	23	10	7	74%	41%
109	37	1	21	6	9	95%	60%
111	45	3	32		10	91%	100%
112	30		13		17	100%	100%
113	87	10	39	13	25	80%	66%
114	14		7	2	5	100%	71%
115	34		25		9	100%	100%
116	20	2	10	3	5	83%	63%
117	29		22		7	100%	100%
118	18		14		4	100%	100%
119	21		11		10	100%	100%
120	19		15		4	100%	100%
121	30	5	18		7	78%	100%
122	32	5	15	1	11	75%	92%
123	33	1	19	3	10	95%	77%
201	18	1	12	1	4	92%	80%
202	16	2	9	1	4	82%	80%
203	20	1	9	2	8	90%	80%
204	42		30	6	6	100%	50%
205	33		22		11	100%	100%
206	26	1	18		7	95%	100%
207	33	1	18	5	9	95%	64%
208	36		24	1	11	100%	92%
209	36		23	1	12	100%	92%
210	52	2	29	4	17	94%	81%
301	7		2	2	3	100%	60%
302	28	2	23	3		92%	0%
303	37	4	13	6	14	76%	70%
304	30		17	2	11	100%	85%
305	9	1	1	2	5	50%	71%

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306	23	3	18	1	1	86%	50%
307	41	2	41	2	11	95%	85%
308	17		6		11	100%	100%
309	10		6	2	2	100%	50%
310	19	6	6	3	4	50%	57%
311	35	2	12	11	10	86%	48%
313	19		10	2	7	100%	78%
314	12		7	3	2	100%	40%
315	26	1	8		17	89%	100%
316	25		13	1	11	100%	92%
317	21	1	5		15	83%	100%
319	37		20	3	14	100%	82%
320	37	3	22	2	10	88%	83%
321	42	1	20	6	15	95%	71%
322	20		17		3	100%	100%
324	27	4	14	3	6	78%	67%
325	27		11	2	14	100%	88%
326	28		11		17	100%	100%
327	42		24	1	17	100%	94%
328	30	1	12	3	14	92%	82%
329	38	1	32	1	4	97%	80%
330	40		22	3	15	100%	83%
331	27		16		11	100%	100%
332	26		13	2	11	100%	85%
333	37	1	27	1	8	96%	89%
334	46	1	34	3	8	97%	73%
335	40	2	23	7	8	92%	53%
336	36	2	24	1	9	92%	90%
337	9		3		6	100%	100%
338	15		8		7	100%	100%
339	17		8		9	100%	100%
340	17		5		12	100%	100%
341	25		13	4	8	100%	67%
342	2		1		1	100%	100%
343	10		4	4	2	100%	33%
344	23	1	14		8	93%	100%
345	31		16	5	10	100%	67%
346	11		3	1	7	100%	88%
401	5		4		1	100%	100%
402	8		2		6	100%	100%
403	25		19		6	100%	100%
<b>All</b>	<b>3,205</b>	<b>126</b>	<b>1,873</b>	<b>211</b>	<b>995</b>	<b>94%</b>	<b>83%</b>

Table 4h: Adult seatbelt wearing for rear seat passengers by gender, 2009

site_ref	obs	Seat belt worn				% compliance	
		Female		Male		Female	Male
		No	Yes	No	Yes		
1	4		4			100%	-
2	1				1	-	100%
3	3			2	1	-	33%
4	19		15		4	100%	100%
5	8		4		4	100%	100%
6	5		1		4	100%	100%
7	12		7		5	100%	100%
8					1	-	100%
9	3	1	1		1	50%	100%
10	2		1		1	100%	100%
11	26		18	1	7	100%	88%
12	32		23		9	100%	100%
13			13	1	5	100%	83%
14	7		5	1	1	100%	50%
16	46	4	22	3	17	85%	85%
17	3		1		2	100%	100%
18	6	3	1	1	1	25%	50%
20	3	1		2		0%	0%
21	18		15		3	100%	100%
22	5	3	2			40%	-
23	12		3		9	100%	100%
24	1		1			100%	-
25	18	2	9	1	6	82%	86%
26	21	3	14	1	3	82%	75%
27	10	1	3		6	75%	100%
28	3		3			100%	-
29	3		2		1	100%	100%
30	9		6	2	1	100%	33%
101	2		1	1		100%	0%
102	5	1		1	3	0%	75%
103	3	2			1	0%	100%
104	4	3			1	0%	100%
105	6	2	2	2		50%	0%
106	2		2			100%	-
107	2			2		-	0%
108	41	7	15	9	10	68%	53%
109	24	1	12		11	92%	100%
111	19		12		7	100%	100%
113	70	15	26	9	20	63%	69%
115	17		8		9	100%	100%
117	5		3		2	100%	100%
118	2		2			100%	-
120	3		1		2	100%	100%
121	6	2	2	1	1	50%	50%
122	4	3		1		0%	0%
123	8	3	3	2		50%	0%
201	2		1		1	100%	100%
203	1			1		-	0%
204	19	3	10		6	77%	100%
205	9		4		5	100%	100%
206	4		1	1	2	100%	67%
207	12	5		5	2	0%	29%
208	3		2		1	100%	100%
209	6		3		3	100%	100%
210	3		3			100%	-
303	4	2			2	0%	100%
305	1	1				0%	-
306	1			1		-	0%
307	20	1	17		2	94%	100%
308	2		1		1	100%	100%
310	1	1				0%	-
311	5		4	1		100%	0%

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312	4		3		1	100%	100%
313	4		2		2	100%	100%
314	1	1				0%	-
315	1		1			100%	-
316	6		3		3	100%	100%
319	4	1	2		1	67%	100%
320	2		1	1		100%	0%
321	13		7	2	4	100%	67%
322	1				1	-	100%
324	3	1	1		1	50%	100%
325	13	1	5	2	5	83%	71%
327	17		10	1	6	100%	86%
328	9		2	2	5	100%	71%
330	12		7		5	100%	100%
331	6		3		3	100%	100%
332	5		3	1	1	100%	50%
333	2			2		-	0%
335	18		16		2	100%	100%
336	15	2	10		3	83%	100%
338	2		2			100%	-
339	2		1		1	100%	100%
340	1				1	-	100%
341	3		2	1		100%	0%
342	2			1	1	-	50%
344	3				3	-	100%
345	14		8	2	4	100%	67%
346	1				1	-	100%
403	4		1		3	100%	100%
601	63	3	30		30	91%	100%
602	7		3	1	3	100%	75%
603	41	20	11	6	4	35%	40%
604	62	4	33	4	21	89%	84%
605	92	5	49	5	33	91%	87%
606	13	2	6	3	2	75%	40%
607	33		20		13	100%	100%
608	6		2	3	1	100%	25%
609	121	48	37	20	16	44%	44%
610	18		12		6	100%	100%
611	127	1	70	5	51	99%	91%
612	14	8		6		0%	0%
613	15	4	7	2	2	64%	50%
<b>All</b>	<b>1,396</b>	<b>171</b>	<b>679</b>	<b>122</b>	<b>424</b>	<b>80%</b>	<b>78%</b>

**Table 4i: Driver wearing rates (%) by gender and road type 2009**

Sex	Urban National Primary Road	Urban National Secondary Road	Rural National Primary Road	Rural National Secondary Road	Cork Urban	Dublin Urban	Dun Laoghaire Urban	Limerick Urban	Small Urban Areas	Regional Roads	County Roads
Male	89%	83%	90%	90%	88%	91%	89%	95%	87%	90%	82%
Female	92%	94%	97%	94%	91%	93%	94%	96%	94%	96%	91%

## 5 Tables - Primary and Secondary School Seatbelt Wearing

Table 5a: Child seatbelt wearing survey locations

Code	School type	School
404	Primary School	Aine Naofa, Gort, Galway
405	Primary School	Brackenstown, Swords
406	Primary School	Christ the King Cabra
407	Primary School	Holy Family, Balloonagh, Tralee
408	Primary School	Illies, Ballymangan Lifford, Donegal
409	Primary School	Mountmellick Convent, Laois
410	Primary School	Naomh Padraig, Donabate
411	Primary School	Our Lady of Consolation, Collins Avenue
412	Primary School	Presentation College, Thurles
413	Primary School	Rath Eoghan, Westmeath
414	Primary School	Sciol Na Molua Ardagh, Limerick
415	Primary School	Scoil Spirit Naomh, Bishopstown
416	Primary School	St. Michaels Stradone, Cavan
417	Primary School	St. Patrick's College, Tuam
418	Secondary School	Tullow Community School
419	Secondary School	Ardee Community School
420	Secondary School	Ballymun Snr. Comp Ballymun
421	Secondary School	Belvedere College Dublin
422	Secondary School	Castlecomer Community School
423	Secondary School	Colaiste Mhuire, Cobh
424	Secondary School	Community Sch., Carrick-on-Shannon
425	Secondary School	Drumcollogher Community
426	Secondary School	Leixilip Community Celbridge Rd
427	Secondary School	Meanscoil Iognaid Ris, Longmile Road
428	Secondary School	Scoil Mhuire Greenhill Carrick-on-Suir
429	Secondary School	Scoil Mhire gan Smal, Roscommon
430	Secondary School	St. Joseph's, Rochefortbridge, Mullingar
431	Secondary School	St. Mary's Ballysadare, Sligo

**Table 5b: Summary of seatbelt wearing for children by gender, 2009**

Time Period	Site ref	School type	Total obs	Seat belt worn				% compliance		
				Female		Male		Female	Male	All
				No	Yes	No	Yes			
AM	All	Primary	583	63	232	35	253	79%	88%	83%
AM	All	Secondary	503	45	188	36	234	81%	87%	84%
PM	All	Primary	284	33	116	34	101	78%	75%	76%
PM	All	Secondary	586	55	292	30	209	84%	87%	85%
AM	All	All	1,086	108	420	71	487	80%	87%	84%
PM	All	All	870	88	408	64	310	82%	83%	83%
All	All	Primary	867	96	348	69	354	78%	84%	81%
All	All	Secondary	1,089	100	480	66	443	83%	87%	85%
All	All	All	1,956	196	828	135	797	81%	86%	83%

**Table 5c: Summary of seatbelt wearing for children by time period, school type, seat occupied and gender, 2009**

School type	Time Period	Seat	Total obs	Seat belt worn				% Compliance		
				Female		Male		Female	Male	Both
				No	Yes	No	Yes			
Primary	AM	Front	210	18	92	14	86	84%	86%	85%
	AM	Rear	373	45	140	21	167	76%	89%	82%
	PM	Front	136	13	52	16	55	80%	77%	79%
	PM	Rear	148	20	64	18	46	76%	72%	74%
Primary	Both	Front	346	31	144	30	141	82%	82%	82%
	Both	Rear	521	65	204	39	213	76%	85%	80%
Secondary	AM	Front	306	23	110	19	154	83%	89%	86%
	AM	Rear	197	22	78	17	80	78%	82%	80%
	PM	Front	268	21	145	14	88	87%	86%	87%
	PM	Rear	318	34	147	16	121	81%	88%	84%
Secondary	Both	Front	574	44	255	33	242	85%	88%	87%
	Both	Rear	515	56	225	33	201	80%	86%	83%
Both	Both	Front	920	75	399	63	383	84%	86%	85%
	Both	Rear	1,036	121	429	72	414	78%	85%	81%
Both	Both	Both	1,956	196	828	135	797	81%	86%	83%



Table 5d: Seatbelt wearing for children by school attended and gender, 2009

Time Period	Site ref	School type	Total obs	Seat belt worn				% compliance	
				Female		Male		Female	Male
				No	Yes	No	Yes		
AM	404	Primary	34	1	17	1	15	94%	94%
AM	405	Primary	169		62	2	105	100%	98%
AM	406	Primary	37	8	17	3	9	68%	75%
AM	407	Primary	138	13	35	13	77	73%	86%
AM	411	Primary	26		13	1	12	100%	92%
AM	412	Primary	66	17	47		2	73%	100%
AM	413	Primary	46	6	16	9	15	73%	63%
AM	414	Primary	67	18	25	6	18	58%	75%
AM	All	Primary	583	63	232	35	253	79%	88%
AM	418	Secondary	58	3	32	6	17	91%	74%
AM	419	Secondary	100	5	54	5	36	92%	88%
AM	420	Secondary	11		3		8	100%	100%
AM	421	Secondary	66			15	51	-	77%
AM	423	Secondary	180	22	77	2	79	78%	98%
AM	426	Secondary	43	15	15	5	8	50%	62%
AM	427	Secondary	45		7	3	35	100%	92%
AM	All	Secondary	503	45	188	36	234	81%	87%
PM	408	Primary	67	8	28	8	23	78%	74%
PM	409	Primary	99	15	45	11	28	75%	72%
PM	410	Primary	42	3	16	3	20	84%	87%
PM	415	Primary	52	5	13	8	26	72%	76%
PM	416	Primary	24	2	14	4	4	88%	50%
PM	All	Primary	284	33	116	34	101	78%	75%
PM	422	Secondary	71		32	1	38	100%	97%
PM	424	Secondary	117	4	54	4	55	93%	93%
PM	425	Secondary	66	15	14	13	24	48%	65%
PM	428	Secondary	78	27	48		3	64%	100%
PM	429	Secondary	93		72		21	100%	100%
PM	430	Secondary	59	3	28	6	22	90%	79%
PM	431	Secondary	102	6	44	6	46	88%	88%
PM	All	Secondary	586	55	292	30	209	84%	87%



## Appendix 2

### Surveyor Instructions

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#### Seat Belt Sites - non school sites

The survey is to be carried out during working hours, Monday- Friday (9.30-17.30) and on 11 separate road classes:

**Eligible vehicles:**

- Cars
- Light goods vehicles

**Task**

As an observer, you have the responsibility to watch each eligible vehicle as it slows down or stops at an intersection and record information about the vehicle and its occupants. Record on the survey forms provided.

Driver's gender

Whether or not he or she is wearing a seat belt

If there is a passenger in the vehicle, record under appropriate seat type occupied by the passenger (front or rear)

Passenger's gender

Whether or not he or she is wearing a seat belt

The duration of the survey is 2.5 hours or until such time as the sample quota is achieved whichever is the least

Members of An Garda Síochána, driving instructors, taxi drivers and children are excluded from the front and rear adult seat belt surveys. Surveyors are instructed to continue the survey until the target sample coverage was exceeded.

#### School seatbelt wearing survey

The survey is to be carried out during mornings and evenings (as children are getting dropped in or taken away from school)

**Task**

Recording methodologies are the same as for the adult seatbelt survey and surveyors are asked to select sites in excess of 100 metres away from each of the schools (so that people haven't taken seat belts off before jumping out of car)

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**Annual National Seatbelt Survey 2009**

# Working To Save Lives

## Údarás Um Shábháilteacht Ar Bhóithre Road Safety Authority

Páirc Ghnó Ghleann na Muaidhe, Cnoc an tSabhaircín, Bóthar Bhaile Átha Cliath, Béal an Átha, Co. Mhaigh Eo  
Moy Valley Business Park, Primrose Hill, Dublin Road, Ballina, Co. Mayo  
local: 1890 50 60 80 fax: (096) 25 000 email: [info@rsa.ie](mailto:info@rsa.ie) website: [www.rsa.ie](http://www.rsa.ie)