Police Service of Northern Ireland

Police Recorded Injury Road Traffic Collisions and Casualties Northern Ireland

Detailed Trends Report 2015

Annual Bulletin

Published 30th June 2016

Contact: Traffic Statistician PSNI Statistics Branch

Lisnasharragh 42 Montgomery Road Belfast BT6 9LD Tel 028 9065 0222 Ext. 24135 Email: statistics@psni.police.uk







Keeping People Safe

Contents

| Executive Summary |
|--|
| The Casualty Reduction Target for 20204 |
| Section 1 – Casualty Information |
| Trends in fatalities over the last 10 years by road user type, gender, age and police area |
| Number of people killed by Police Area 2015 thematic map |
| Trends in people seriously injured over the last 10 years by road user type, gender, age and police area |
| Number of people seriously injured by Police Area 2015 thematic map |
| Trends in people slightly injured over the last 10 years by road user type |
| Analysis of vulnerable road users (pedestrians, pedal cyclists and motorcyclists) 2006 to 2015 |
| Casualties by selected age group (children, young people and older people) 2006 to 2015 |

Section 2 – Causation, Single Vehicle Collisions and Seat Belt Usage......24

The most common main principal causation factors in road traffic collisions 2015 The number killed or seriously injured by selected causation factor 2006 to 2015 Road traffic collisions and casualties by causation factor type 2015 Single vehicle collisions 2006 to 2015 Northern Ireland Road Safety Partnership, Fixed Penalties and Seat Belt Wearing Survey Seat Belt wearing rates of those casualties involved in road traffic collisions in 2015

Section 3 – Location, times and types of vehicles involved in collisions29

The top 5 collision sites in Northern Ireland within a 50 metre radius 2015 The top 3 fatal and serious collision sites in Northern Ireland within a kilometre radius 2015 Collisions and fatalities by speed limit of road 2015 Collisions by time and day of week 2015 Fatal and serious collisions by day of week and month of year 2015 Types of vehicles involved in road traffic collisions in 2015 Weather conditions of those killed or seriously injured in 2015

| endices |
|---------|
|---------|

Notes......42

User Engagement

If you have any comments or feedback about this report or if there are any tables that you would like to see included, please do not hesitate to contact us. Contact details are provided on the cover page. An accompanying Excel spreadsheet is available on the PSNI website.

Executive Summary

- There were 6,147 injury collisions recorded by PSNI between January to December 2015 resulting in a total of 9,737 casualties comprising 74 fatalities, 711 people seriously injured and a further 8,952 people slightly injured.
- The 9,737 casualties and 6,147 injury road traffic collisions are the highest number observed for each year since 2009, continuing the upward casualty trend from previous years.
- The total number of injury road traffic collisions over the last 10 calendar years has increased from 5,628 in 2006 to 6,147 in 2015 and the total number of casualties resulting from these collisions has also increased from 9,182 to 9,737. This is in large part due to 2015 having the largest number of people slightly injured recorded in a calendar year since 2002.
- No pedal cyclists were killed in 2015 which is the first time there have been no deaths in this category since 2010. The number of deaths among pedestrians, drivers and passengers recorded in 2015 is the highest for each of these categories in a calendar year since 2009.
- Drivers of motor vehicles were the single largest casualty class in 2015 and account for the greatest proportion (36.3%) of all people killed or seriously injured in 2015. Fewer drivers, however, were seriously injured in 2015 than any previous calendar year since electronic data was made available in 1986.
- There were 82 motorcyclist KSI casualties which is the lowest number of motorcyclists killed or seriously injured in twenty years since 1996.
- The number of children (under the age of 16) and young people (aged 16 to 24) killed or seriously injured in 2015 has more than halved from the levels recorded ten years ago in 2006. These have fallen by 80 child and 214 young people KSI casualties respectively (reductions of 52.6% and 52.1%).
- There have also been fewer older people (65 and over) seriously injured in 2015 than in any year since severity of injury by age group began being recorded in 1986.
- The most common principal causation factors <u>for KSI casualties</u> during 2015 were 'Inattention or attention diverted (91 KSI casualties), followed by 'Excessive speed having regard to conditions' (81 KSI casualties) and 'Impaired by alcohol/drugs – driver/rider' (72 KSI casualties).

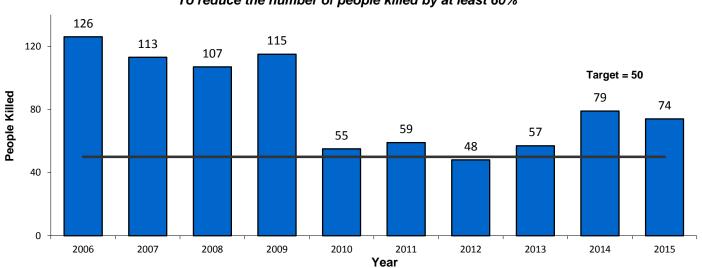
Recorded Injury Road Traffic Collisions and Casualties 2006-2015

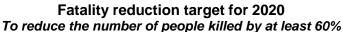
| | Ν | umber of inj | ury Collision | าร | | Cas | ualties | |
|------|---------------------|-----------------------|----------------------|--------------------------|--------|----------------------|---------------------|---------------------|
| | Fatal Collisions | Serious Collisions | Slight Collisions | All Injury Collisions | Killed | Seriously Injured | Slightly Injured | Total Casualties |
| 2006 | 110 | 904 | 4,614 | 5,628 | 126 | 1,211 | 7,845 | 9,182 |
| 2007 | 105 | 838 | 5,047 | 5,990 | 113 | 1,097 | 8,226 | 9,436 |
| 2008 | 98 | 814 | 5,311 | 6,223 | 107 | 990 | 8,454 | 9,551 |
| 2009 | 104 | 826 | 5,321 | 6,251 | 115 | 1,035 | 8,617 | 9,767 |
| 2010 | 51 | 726 | 4,889 | 5,666 | 55 | 892 | 8,010 | 8,957 |
| 2011 | 57 | 706 | 4,831 | 5,594 | 59 | 825 | 7,876 | 8,760 |
| 2012 | 45 | 669 | 5,061 | 5,775 | 48 | 795 | 8,167 | 9,010 |
| 2013 | 55 | 615 | 5,150 | 5,820 | 57 | 720 | 8,410 | 9,187 |
| 2014 | 74 | 577 | 5,434 | 6,085 | 79 | 710 | 8,599 | 9,388 |
| 2015 | 69 | 570 | 5,508 | 6,147 | 74 | 711 | 8,952 | 9,737 |

The Casualty Reduction Target for 2020

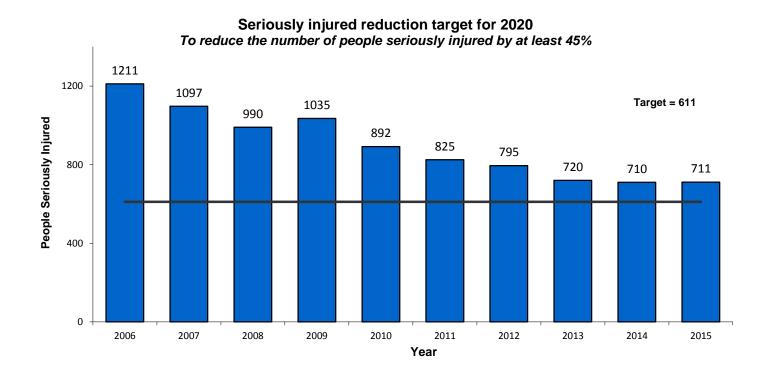
The Northern Ireland Road Safety Strategy 2020 contains a series of road safety targets to be achieved by 2020, four of which are related to the PSNI's injury road traffic casualty statistics.

Target A: The Northern Ireland Road Safety Strategy aims at a 60% reduction in the number of fatalities on Northern Ireland's roads each year, from the 2004 - 2008 average of 126, to fewer than 50 by 2020. This figure has already dipped below this target in 2012 with 48 fatalities. However, the figure of 74 fatalities recorded in 2015 is currently 24 above the target level.

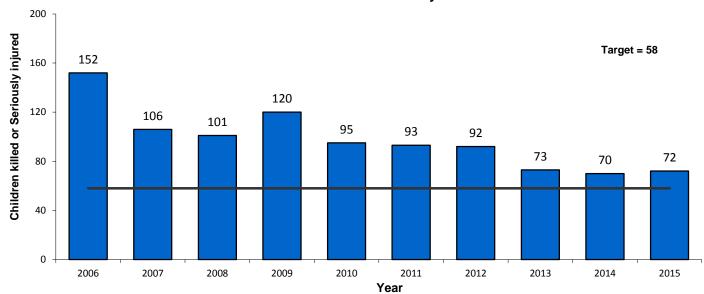




Target B: The Northern Ireland Road Safety Strategy also aims at a 45% reduction in the number of seriously injured on Northern Ireland's roads each year, from the 2004 - 2008 average of 1,111, to fewer than 611 by 2020. There were 711 people seriously injured in 2015 which is exactly one hundred above the target of 611 and one higher than the 710 recorded last year.

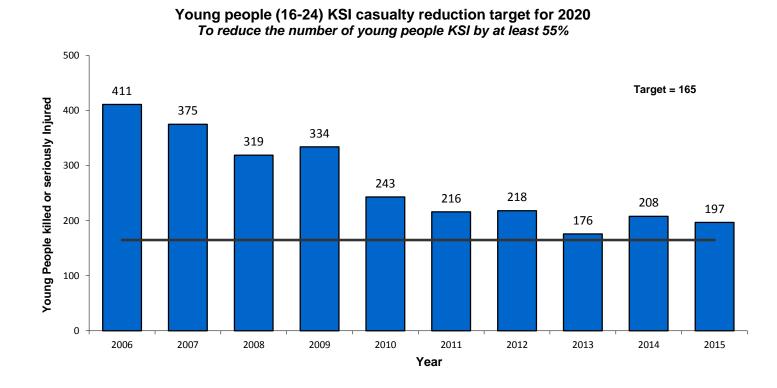


Target C: The Strategy has a target of a 55% reduction in the number of children killed or seriously injured on Northern Ireland's roads each year, from the 2004 - 2008 average of 128, to fewer than 58 by 2020. There were 72 children killed or seriously injured in 2015 which is 14 higher than this target.



Child (under 16) KSI casualty reduction target for 2020 To reduce the number of children KSI by at least 55%

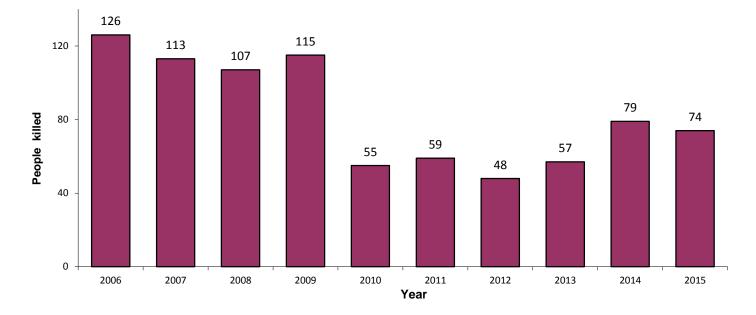
Target D: The Strategy has a target of a 55% reduction in the number of young people (aged 16-24) killed or seriously injured on Northern Ireland's roads each year, from the 2004 - 2008 average of 366, to fewer than 165 by 2020. There were 197 KSI casualties of young people in 2015 which is 11 lower than the 2014 figure of 208 and 32 above the 2020 target.



Section 1 – Casualty Information

Fatalities – Trends over the last 10 years





• The 74 people killed on Northern Ireland's roads during 2015 is 5 fewer deaths than the 79 recorded in 2014 but 17 higher than that of 2013. This represents 52 fewer deaths than that recorded ten years ago in 2006 and 298 fewer than the highest total of 372 deaths recorded in 1972. (See Appendix 1 for fatalities by year dating back to 1931).

Table 1.1 Number of road traffic fatalities by road user type in Northern Ireland 2006–2015

| Road User Class | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Pedestrians | 22 | 17 | 19 | 24 | 10 | 13 | 9 | 7 | 18 | 19 |
| Drivers of motor vehicles | 46 | 42 | 45 | 42 | 21 | 23 | 21 | 22 | 30 | 31 |
| Motorcyclists | 14 | 25 | 15 | 16 | 8 | 6 | 4 | 10 | 13 | 4 |
| Pedal Cyclists | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 4 | 3 | 0 |
| Passengers | 43 | 24 | 23 | 29 | 13 | 11 | 10 | 13 | 12 | 17 |
| Pillion Passengers | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 0 |
| Other road users | 0 | 2 | 2 | 4 | 1 | 3 | 2 | 1 | 2 | 3 |
| Total | 126 | 113 | 107 | 115 | 55 | 59 | 48 | 57 | 79 | 74 |

- Drivers of motor vehicles were the largest casualty class for fatalities in 2015, accounting for 31
 people killed. There were also 19 pedestrians, 17 passengers, 4 motorcyclists and 3 other road users
 killed.
- No pedal cyclists were killed in 2015 which is the first time this category has had no deaths recorded in a calendar year since 2010. Similarly, the 4 motorcyclists killed in 2015 is along with 2012 the fewest killed of this road user class in a calendar year since this information was collated.
- The number of deaths among pedestrians, drivers and passengers recorded in 2015 is the highest for each of these categories in a calendar year since 2009.

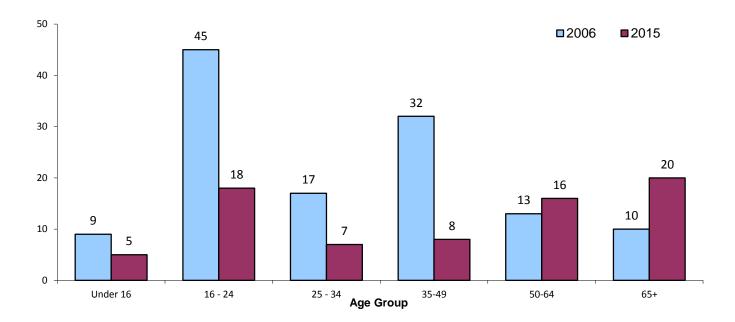
Table 1.2 Number of road traffic fatalities by age and gender in Northern Ireland 2006–2015

| | Ur | nder | 16 | | 16-24 | ļ | 2 | 25-34 | 4 | | 35-49 | 9 | | 50-6 | 64 | | 65+ | | | Tota | |
|------|----|------|----|----|-------|----|----|-------|----|----|-------|----|----|------|----|----|-----|----|----|------|-----|
| | Μ | F | Т | М | F | Т | Μ | F | Т | Μ | F | Т | М | F | Т | Μ | F | Т | Μ | F | Т |
| 2006 | 3 | 6 | 9 | 32 | 13 | 45 | 12 | 5 | 17 | 26 | 6 | 32 | 11 | 2 | 13 | 7 | 3 | 10 | 91 | 35 | 126 |
| 2007 | 3 | 2 | 5 | 27 | 4 | 31 | 18 | 3 | 21 | 19 | 4 | 23 | 11 | 4 | 15 | 12 | 6 | 18 | 90 | 23 | 113 |
| 2008 | 4 | 3 | 7 | 30 | 11 | 41 | 6 | 1 | 7 | 20 | 2 | 22 | 11 | 2 | 13 | 9 | 8 | 17 | 80 | 27 | 107 |
| 2009 | 2 | 2 | 4 | 32 | 7 | 39 | 15 | 4 | 19 | 17 | 4 | 21 | 9 | 3 | 12 | 12 | 8 | 20 | 87 | 28 | 115 |
| 2010 | 0 | 2 | 2 | 14 | 1 | 15 | 10 | 3 | 13 | 8 | 2 | 10 | 5 | 4 | 9 | 5 | 1 | 6 | 42 | 13 | 55 |
| 2011 | 1 | 1 | 2 | 13 | 5 | 18 | 3 | 2 | 5 | 7 | 3 | 10 | 9 | 3 | 12 | 5 | 7 | 12 | 38 | 21 | 59 |
| 2012 | 3 | 2 | 5 | 7 | 5 | 12 | 5 | 1 | 6 | 8 | 2 | 10 | 2 | 1 | 3 | 10 | 2 | 12 | 35 | 13 | 48 |
| 2013 | 1 | 1 | 2 | 14 | 1 | 15 | 9 | 4 | 13 | 7 | 1 | 8 | 4 | 0 | 4 | 8 | 7 | 15 | 43 | 14 | 57 |
| 2014 | 4 | 0 | 4 | 18 | 3 | 21 | 9 | 0 | 9 | 13 | 1 | 14 | 6 | 3 | 9 | 13 | 9 | 22 | 63 | 16 | 79 |
| 2015 | 3 | 2 | 5 | 15 | 3 | 18 | 5 | 2 | 7 | 8 | 0 | 8 | 11 | 5 | 16 | 11 | 9 | 20 | 53 | 21 | 74 |

M=Male F=Female T=Total

- Of the 74 people killed on Northern Ireland's roads in 2015, 53 were male and 21 female. The majority of males who died in 2015 belonged to the 16 to 24 age group while the 21 females killed in 2015 is the highest number in a calendar year since 2011.
- There were 5 children (under the age of 16) killed on Northern Ireland's roads in 2015. This is one more child killed than in 2014 and 4 fewer than 10 years ago in 2006 when there were 9 child fatalities.
- Over half the fatalities came from the 16 to 24 and 65 and over age groups combined (with 18 and 20 deaths respectively) while the 16 killed amongst the 50 to 64 age group in 2015 is the most recorded for this age group in a calendar year since 2005.
- There were 38 people killed in 2015 that were under the age of 50 which is a decrease of 65 from the 103 recorded ten years ago in 2006. In contrast 13 more people were killed aged 50 and over this year than in 2006. See chart comparing the two years below:

Figure 1.2 Age group of road fatalities 2006 vs 2015



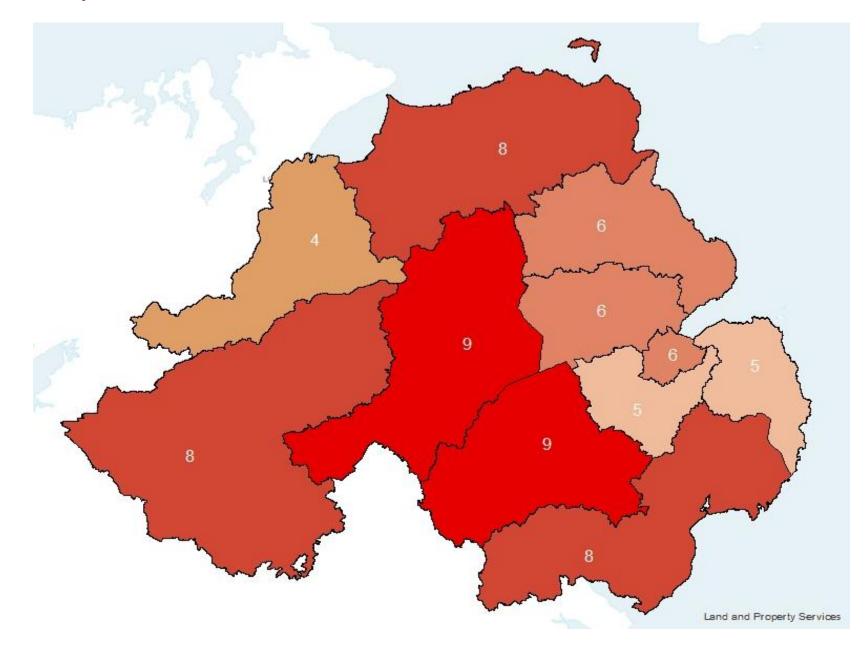
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|
| Belfast City | 8 | 5 | 10 | 6 | 4 | 6 | 3 | 2 | 7 | 6 |
| Antrim & Newtownabbey | 15 | 7 | 9 | 6 | 6 | 8 | 5 | 5 | 2 | 6 |
| Causeway Coast & Glens | 16 | 18 | 13 | 21 | 2 | 5 | 2 | 5 | 9 | 8 |
| Derry City & Strabane | 6 | 10 | 6 | 6 | 5 | 5 | 2 | 4 | 5 | 4 |
| Mid & East Antrim | 7 | 6 | 5 | 9 | 1 | 3 | 5 | 9 | 4 | 6 |
| North Area Policing | 44 | 41 | 33 | 42 | 14 | 21 | 14 | 23 | 20 | 24 |
| Ards & North Down | 8 | 6 | 4 | 6 | 1 | 2 | 1 | 4 | 4 | 5 |
| Armagh City, Banbridge & Craigavon | 9 | 8 | 9 | 11 | 6 | 7 | 8 | 6 | 7 | 9 |
| Fermanagh & Omagh | 17 | 16 | 13 | 14 | 7 | 7 | 7 | 11 | 11 | 8 |
| Lisburn & Castlereagh City | 9 | 6 | 8 | 2 | 9 | 2 | 5 | 2 | 8 | 5 |
| Mid Ulster | 16 | 14 | 13 | 19 | 6 | 6 | 6 | 6 | 7 | 9 |
| Newry, Mourne & Down | 15 | 17 | 17 | 15 | 8 | 8 | 4 | 3 | 15 | 8 |
| South Area Policing | 74 | 67 | 64 | 67 | 37 | 32 | 31 | 32 | 52 | 44 |
| Total | 126 | 113 | 107 | 115 | 55 | 59 | 48 | 57 | 79 | 74 |

Table 1.3 Fatalities by Police Area 2006–2015

• Armagh City, Banbridge & Craigavon along with Mid Ulster had the highest number of fatalities recorded by District in 2015 with 9 each.

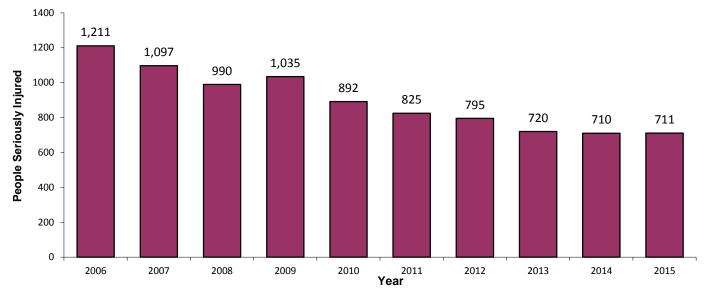
- Antrim & Newtownabbey had the largest increase in deaths in comparison with 2014 rising by 4 deaths from 2 to 6 while Newry, Mourne & Down had the largest decrease with 7 fewer recorded in 2015 than that of 2014.
- Looking further back to 10 years ago, there were fewer deaths recorded in each District in 2015 than in 2006 with the exception of Armagh City, Banbridge & Craigavon which remained the same with 9 fatalities recorded in each year.

Figure 1.3 Fatalities by Police Area 2006–2015



People seriously injured – Trends over the last 10 years

Figure 1.4 People seriously injured resulting from road traffic collisions in Northern Ireland 2006 to 2015



- There were 711 people seriously injured on Northern Ireland's roads in 2015 which is one more than the 710 recorded in 2014. This is the first time since 2009 that there has been an increase in serious injuries in comparison with the previous year.
- The 711 people seriously injured in 2015 is exactly 500 fewer than 2006 and 2,194 fewer than the highest level of 1977 (reductions of 41.3% and 75.5% respectively).

| Road User Class | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Pedestrians | 202 | 166 | 193 | 191 | 167 | 200 | 182 | 162 | 140 | 164 |
| Drivers of motor vehicles | 526 | 478 | 417 | 417 | 332 | 295 | 294 | 271 | 263 | 254 |
| Motorcyclists | 128 | 128 | 123 | 138 | 112 | 102 | 96 | 91 | 84 | 78 |
| Pedal Cyclists | 33 | 30 | 26 | 32 | 49 | 47 | 55 | 42 | 59 | 40 |
| Passengers | 304 | 282 | 215 | 235 | 211 | 161 | 155 | 136 | 155 | 163 |
| Pillion Passengers | 7 | 5 | 5 | 7 | 8 | 7 | 3 | 5 | 4 | 6 |
| Other road users | 11 | 8 | 11 | 15 | 13 | 13 | 10 | 13 | 5 | 6 |
| Total | 1211 | 1097 | 990 | 1035 | 892 | 825 | 795 | 720 | 710 | 711 |

Table 1.4 Number of people seriously injured by road user type in Northern Ireland 2006–2015

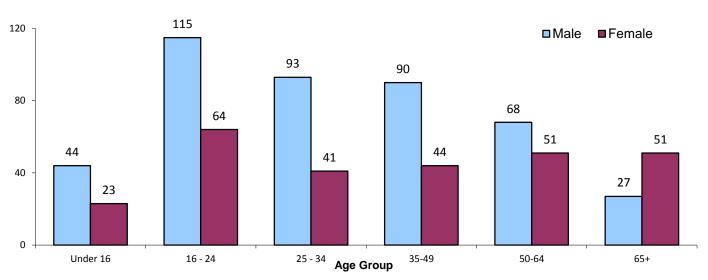
- Drivers of motor vehicles accounted for 35.7% of all people seriously injured in 2015. Pedestrians were next highest with 23.1%, followed by passengers (22.9%), motorcyclists (11.0%) and pedal cyclists (5.6%).
- In comparison with ten years ago, all categories of road user in 2015 have had fewer people seriously injured than 2006 with the exception of pedal cyclists. However, the 40 pedal cyclists seriously injured in 2015 is 19 fewer than 2014 and is at the lowest level since that of 2009 when 32 were recorded.
- There were fewer drivers seriously injured in 2015 than any previous year while the 78 motorcyclists seriously injured in 2015 is the lowest annual total for this category since 1996.

Table 1.5 Number of people seriously injured by age and gender in Northern Ireland 2006–2015

| | U | Inder | 16 | 1 | 6-24 | | 2 | 25-34 | 4 | ; | 35-49 |) | | 50-6 | 4 | | 65+ | | | Tota | |
|------|----|-------|-----|-----|------|-----|-----|-------|-----|-----|-------|-----|----|------|-----|----|-----|-----|-----|------|------|
| | М | F | Т | М | F | Т | Μ | F | Т | Μ | F | Т | Μ | F | Т | Μ | F | Т | Μ | F | Т |
| 2006 | 96 | 47 | 143 | 259 | 107 | 366 | 153 | 67 | 220 | 181 | 85 | 266 | 73 | 51 | 124 | 37 | 54 | 91 | 800 | 411 | 1211 |
| 2007 | 57 | 44 | 101 | 256 | 88 | 344 | 125 | 66 | 191 | 177 | 66 | 243 | 76 | 49 | 125 | 48 | 43 | 91 | 741 | 356 | 1097 |
| 2008 | 57 | 37 | 94 | 198 | 80 | 278 | 103 | 54 | 157 | 168 | 75 | 243 | 58 | 56 | 114 | 49 | 53 | 102 | 634 | 356 | 990 |
| 2009 | 70 | 46 | 116 | 217 | 78 | 295 | 133 | 60 | 193 | 136 | 71 | 207 | 78 | 48 | 126 | 45 | 53 | 98 | 679 | 356 | 1035 |
| 2010 | 58 | 35 | 93 | 153 | 75 | 228 | 90 | 49 | 139 | 128 | 66 | 194 | 82 | 56 | 138 | 40 | 60 | 100 | 551 | 341 | 892 |
| 2011 | 57 | 34 | 91 | 126 | 72 | 198 | 109 | 31 | 140 | 130 | 60 | 190 | 53 | 42 | 95 | 49 | 61 | 110 | 525 | 300 | 825 |
| 2012 | 63 | 24 | 87 | 155 | 51 | 206 | 106 | 34 | 140 | 100 | 53 | 153 | 67 | 54 | 121 | 44 | 42 | 86 | 537 | 258 | 795 |
| 2013 | 41 | 30 | 71 | 117 | 44 | 161 | 87 | 47 | 134 | 100 | 39 | 139 | 71 | 43 | 114 | 50 | 50 | 100 | 466 | 254 | 720 |
| 2014 | 40 | 26 | 66 | 127 | 60 | 187 | 89 | 33 | 122 | 105 | 34 | 139 | 73 | 37 | 110 | 35 | 46 | 81 | 472 | 238 | 710 |
| 2015 | 44 | 23 | 67 | 115 | 64 | 179 | 93 | 41 | 134 | 90 | 44 | 134 | 68 | 51 | 119 | 27 | 51 | 78 | 437 | 274 | 711 |

M=Male F=Female T=Total

Figure 1.5 Number of people seriously injured by age and gender - 2015



- While males accounted for approximately three fifths of people seriously injured (61.5%) in 2015, proportionately this is fewer males seriously injured than any previous year since 1994.
- More males were seriously injured than females for all age groups in 2015 with the exception of those aged 65 and over. The proportion of males to females ranged from 69.4% for the 25 to 34 age group to 34.6% for the 65+ age group.
- The 16 to 24 age group had the highest proportion of those seriously injured during 2015 and accounted for over a quarter of the total.
- There have been fewer people seriously injured in 2015 amongst the 35 to 49 age group and of older people (65 and over) than in any year since severity of injury by age group was collated.
- The 711 people seriously injured in 2015 is approximately two fifths fewer than 2006 with both children (under the age of 16) and young people more than halving the number of serious injuries recorded for these age groups (reductions of 76 and 187 respectively).
- Only the number of females aged 50 to 64 seriously injured has not decreased in comparison with ten years ago. Their number has remained the same with 51 females seriously injured in both 2006 and 2015.

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|
| Belfast City | 175 | 155 | 150 | 146 | 121 | 142 | 150 | 136 | 106 | 115 |
| Antrim & Newtownabbey | 108 | 87 | 42 | 68 | 61 | 48 | 53 | 36 | 43 | 45 |
| Causeway Coast & Glens | 120 | 114 | 88 | 102 | 69 | 74 | 77 | 67 | 73 | 58 |
| Derry City & Strabane | 62 | 66 | 79 | 66 | 57 | 50 | 56 | 46 | 64 | 35 |
| Mid & East Antrim | 113 | 78 | 68 | 97 | 76 | 62 | 47 | 64 | 46 | 62 |
| North Area Policing | 403 | 345 | 277 | 333 | 263 | 234 | 233 | 213 | 226 | 200 |
| Ards & North Down | 78 | 77 | 67 | 88 | 59 | 57 | 55 | 46 | 52 | 45 |
| Armagh City, Banbridge & Craigavon | 133 | 104 | 91 | 99 | 104 | 126 | 95 | 80 | 76 | 95 |
| Fermanagh & Omagh | 101 | 125 | 115 | 88 | 60 | 56 | 59 | 66 | 46 | 44 |
| Lisburn & Castlereagh City | 97 | 73 | 81 | 89 | 77 | 65 | 67 | 62 | 57 | 63 |
| Mid Ulster | 117 | 108 | 115 | 92 | 100 | 48 | 61 | 49 | 53 | 69 |
| Newry, Mourne & Down | 107 | 110 | 94 | 100 | 108 | 97 | 75 | 68 | 94 | 80 |
| South Area Policing | 633 | 597 | 563 | 556 | 508 | 449 | 412 | 371 | 378 | 396 |
| Total | 1211 | 1097 | 990 | 1035 | 892 | 825 | 795 | 720 | 710 | 711 |

Table 1.6 People Seriously Injured by Police Area 2006–2015

• Belfast City had the largest number of people seriously injured in 2015 with 115 while the District with the fewest was Derry City & Strabane with 35.

- The largest overall change in comparison to last year was in Derry City & Strabane which decreased by 29 from 64 people seriously injured in 2014 to 35 this year.
- All Districts had fewer people seriously injured in 2015 when comparing this year with 2006. Antrim & Newtownabbey decreased the most from that of ten years ago falling by 63 from 108 recorded in 2006 to 45 in 2015 (a reduction of 58.3%).

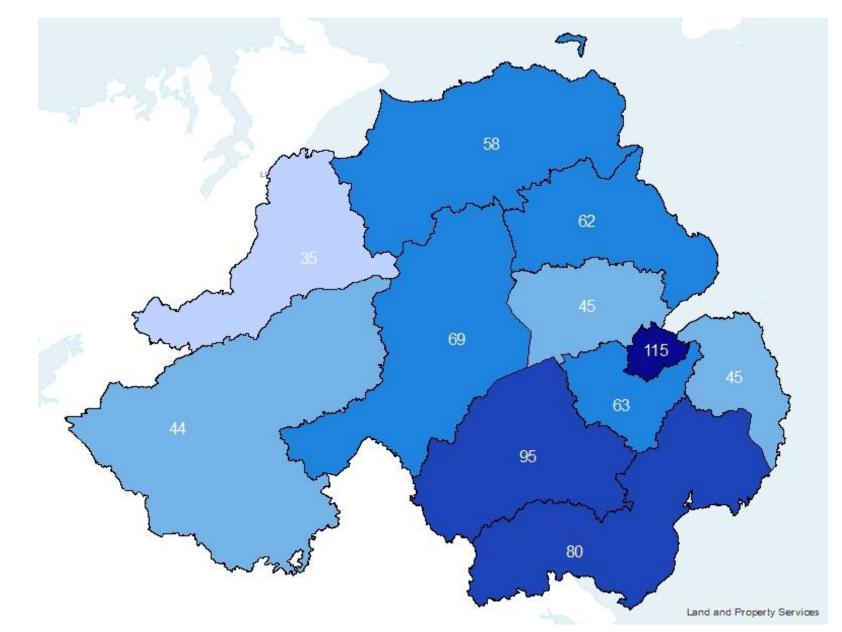


Figure 1.6 People seriously injured by Police Area 2006–2015

People Slightly Injured – Trends over the last 10 years

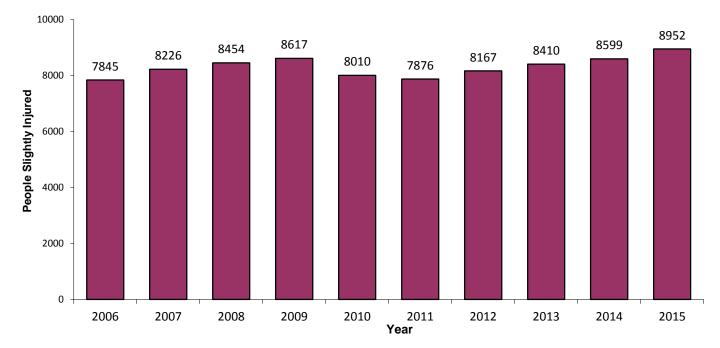


Figure 1.7 Number of people slightly injured type in Northern Ireland 2006 – 2015

There were 8,952 people slightly injured in 2015 which continues the year on year increase of this category since 2011. The current level is the highest number of people slightly injured in a calendar year since 2002 and is 1,107 higher than 2006 (an increase of 14.1%) when 7,845 people were slightly injured.

Table 1.7 Number of people slightly injured by road user type in Northern Ireland 2006 – 2015

| Road User Class | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Pedestrians | 575 | 585 | 632 | 636 | 558 | 621 | 613 | 610 | 611 | 604 |
| Drivers of motor vehicles | 4037 | 4330 | 4472 | 4669 | 4364 | 4144 | 4425 | 4577 | 4786 | 5071 |
| Motorcyclists | 267 | 297 | 319 | 260 | 255 | 238 | 189 | 210 | 192 | 202 |
| Pedal Cyclists | 137 | 188 | 178 | 173 | 165 | 206 | 220 | 210 | 271 | 239 |
| Passengers | 2777 | 2769 | 2802 | 2817 | 2613 | 2615 | 2670 | 2750 | 2685 | 2781 |
| Pillion Passengers | 23 | 15 | 18 | 13 | 9 | 7 | 11 | 11 | 7 | 4 |
| Other road users | 29 | 42 | 33 | 49 | 46 | 45 | 39 | 42 | 47 | 51 |
| Total | 7845 | 8226 | 8454 | 8617 | 8010 | 7876 | 8167 | 8410 | 8599 | 8952 |

- Although there were 32 fewer pedal cyclists slightly injured in 2015 than in 2014, with the exception of last year, this is the most pedal cyclists slightly injured in a calendar year since 1998. This reflects the popularity of cycling and the increase in participation over recent years.
- The number of drivers slightly injured in 2015 at 5,071 is over a thousand more than that of 2006 (an increase of 25.6%) and is at the highest level recorded since 2002. Slight injuries among passengers are also at their highest level since 2009.
- All road user types have increased the number of people slightly injured from ten years ago in 2006 with the exception of motorcyclists and pillion passengers which fell by 65 and 19 respectively.

Analysis of vulnerable road users

Vulnerable road users have been defined for the purpose of this report as including pedestrians, pedal cyclists and motorcyclists.

Pedestrians

Table 1.8 Number of pedestrian casualties by severity of injury 2006 – 2015

| | | Killed | | Ser | iously Inju | ured | Sli | ghtly Inju | red | | Total | |
|------|------|--------|-------|------|-------------|-------|------|------------|-------|------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 2006 | 13 | 9 | 22 | 110 | 92 | 202 | 337 | 238 | 575 | 460 | 339 | 799 |
| 2007 | 12 | 5 | 17 | 110 | 56 | 166 | 331 | 254 | 585 | 453 | 315 | 768 |
| 2008 | 10 | 9 | 19 | 110 | 83 | 193 | 341 | 291 | 632 | 461 | 383 | 844 |
| 2009 | 14 | 10 | 24 | 118 | 73 | 191 | 353 | 283 | 636 | 485 | 366 | 851 |
| 2010 | 8 | 2 | 10 | 105 | 62 | 167 | 312 | 246 | 558 | 425 | 310 | 735 |
| 2011 | 6 | 7 | 13 | 113 | 87 | 200 | 358 | 263 | 621 | 477 | 357 | 834 |
| 2012 | 7 | 2 | 9 | 127 | 55 | 182 | 366 | 247 | 613 | 500 | 304 | 804 |
| 2013 | 5 | 2 | 7 | 94 | 68 | 162 | 353 | 256 | 610 | 452 | 326 | 778 |
| 2014 | 15 | 3 | 18 | 88 | 52 | 140 | 352 | 259 | 611 | 455 | 314 | 769 |
| 2015 | 9 | 10 | 19 | 101 | 63 | 164 | 346 | 258 | 604 | 456 | 331 | 787 |

- The 19 pedestrians killed in 2015 is the highest number of pedestrian deaths since 2009.
- There were more female pedestrians killed than males in 2015 for the first time since 2011.
- As in previous years, the majority of pedestrian casualties recorded in 2015 were male. Male
 pedestrians also accounted for approximately three fifths of those pedestrians killed and seriously
 injured.
- Children accounted for the highest number of pedestrians killed or seriously injured with approximately a fifth of all pedestrian KSI casualties recorded in 2015. See accompanying spreadsheet for a full gender, age and severity of injury breakdown of pedestrian casualties since 2006.

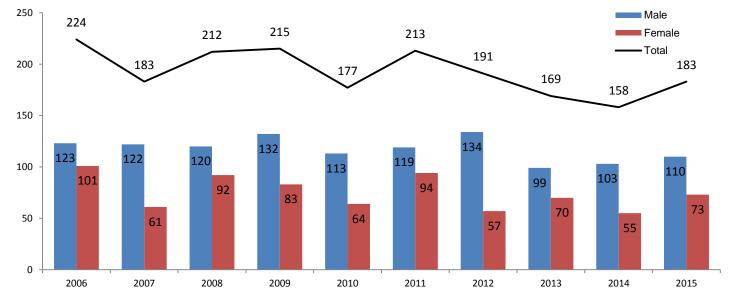


Figure 1.8 Pedestrians killed or seriously injured by gender 2006 – 2015

Pedal cyclists

| | | Killed | | Ser | iously Inju | ured | Sli | ghtly Inju | red | | Total | |
|------|------|--------|-------|------|-------------|-------|------|------------|-------|------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 2006 | 1 | 0 | 1 | 32 | 1 | 33 | 114 | 23 | 137 | 147 | 24 | 171 |
| 2007 | 2 | 0 | 2 | 22 | 8 | 30 | 150 | 38 | 188 | 174 | 46 | 220 |
| 2008 | 2 | 0 | 2 | 22 | 4 | 26 | 148 | 30 | 178 | 172 | 34 | 206 |
| 2009 | 0 | 0 | 0 | 24 | 8 | 32 | 147 | 26 | 173 | 171 | 34 | 205 |
| 2010 | 0 | 0 | 0 | 44 | 5 | 49 | 142 | 23 | 165 | 186 | 28 | 214 |
| 2011 | 1 | 1 | 2 | 41 | 6 | 47 | 169 | 37 | 206 | 211 | 44 | 255 |
| 2012 | 2 | 0 | 2 | 50 | 5 | 55 | 180 | 40 | 220 | 232 | 45 | 277 |
| 2013 | 4 | 0 | 4 | 37 | 5 | 42 | 177 | 33 | 210 | 218 | 38 | 256 |
| 2014 | 3 | 0 | 3 | 51 | 8 | 59 | 231 | 40 | 271 | 285 | 48 | 333 |
| 2015 | 0 | 0 | 0 | 33 | 7 | 40 | 203 | 36 | 239 | 236 | 43 | 279 |

Table 1.9 Number of pedal cyclist casualties by severity of injury 2006 – 2015

- The 279 pedal cyclist casualties recorded this year is a decrease of 16.2% from the 333 in 2014 but over 100 more pedal cycle casualties recorded than in 2006 (an increase of 63.2%).
- There were no pedal cyclists killed in 2015 and 40 seriously injured. This is the lowest number of pedal cycle KSI casualties since 2009.
- The majority of pedal cyclist injuries in 2015 were males who accounted for 84.6% of overall pedal cyclist casualties and 82.5% of those seriously injured.
- In terms of age, most casualties were from the 35-49 age group with approximately a third of all pedal cyclists casualties in 2015 coming from this category (91 out of 279). See accompanying spreadsheet for a full gender, age and severity of injury breakdown of pedal cycle casualties since 2006.

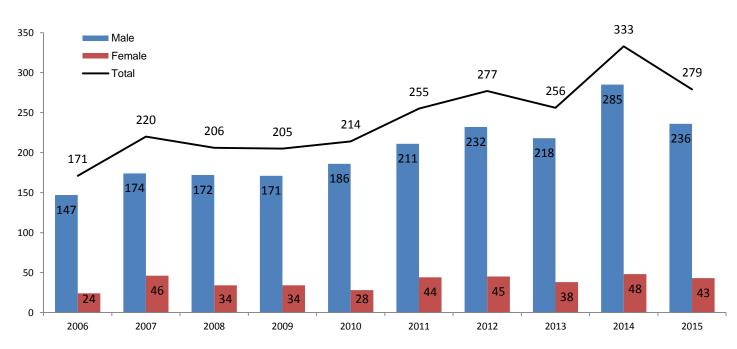


Figure 1.9 Pedal cycle casualties by gender 2006 - 2015

Motorcyclists

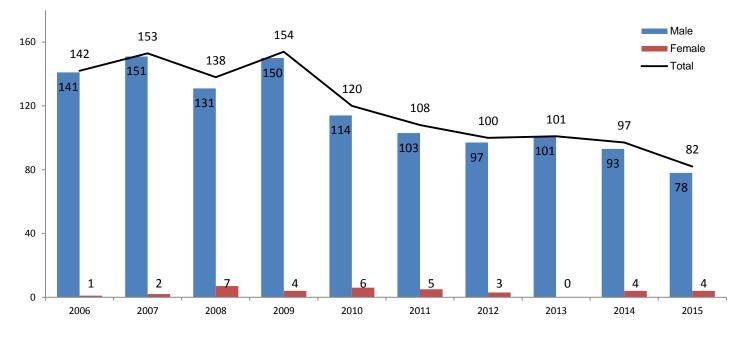
| | Killed | | | Seriously Injured | | | Slightly Injured | | | Total | | | |
|------|--------|--------|-------|-------------------|--------|-------|------------------|--------|-------|-------|--------|-------|--|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | |
| 2006 | 14 | 0 | 14 | 127 | 1 | 128 | 244 | 23 | 267 | 385 | 24 | 409 | |
| 2007 | 25 | 0 | 25 | 126 | 2 | 128 | 275 | 22 | 297 | 426 | 24 | 450 | |
| 2008 | 15 | 0 | 15 | 116 | 7 | 123 | 299 | 20 | 319 | 430 | 27 | 457 | |
| 2009 | 16 | 0 | 16 | 134 | 4 | 138 | 242 | 18 | 260 | 392 | 22 | 414 | |
| 2010 | 8 | 0 | 8 | 106 | 6 | 112 | 240 | 15 | 255 | 354 | 21 | 375 | |
| 2011 | 6 | 0 | 6 | 97 | 5 | 102 | 224 | 14 | 238 | 327 | 19 | 346 | |
| 2012 | 4 | 0 | 4 | 93 | 3 | 96 | 174 | 15 | 189 | 271 | 18 | 289 | |
| 2013 | 10 | 0 | 10 | 91 | 0 | 91 | 194 | 16 | 210 | 295 | 16 | 311 | |
| 2014 | 13 | 0 | 13 | 80 | 4 | 84 | 184 | 8 | 192 | 277 | 12 | 289 | |
| 2015 | 4 | 0 | 4 | 74 | 4 | 78 | 189 | 13 | 202 | 267 | 17 | 284 | |

Table 1.10 Number of motorcycle casualties by severity of injury 2006 – 2015

• There were 284 motorcycle casualties in 2015 which is 5 fewer than in 2014 and a reduction of 30.6% from the 409 recorded in 2006.

- Along with 2012, the 4 motorcycle deaths recorded in 2015 is the lowest annual total of motorcyclists killed since this information was collated while the 78 motorcyclists seriously injured this year is the fewest recorded in a calendar year since 1996. Counting rules preclude us from the inclusion of motorcyclists killed or injured during an official motorcycle race.
- Most motorcyclists recorded in 2015 were in the 35 to 49 age group which accounted for 91 (32.0%) of the 284 overall casualties.
- The 35 to 49 age group also accounted for the majority of motorcyclists killed or seriously injured in 2015 typical to that of previous years. This category accounted for 30 out of the 82 motorcyclist KSI casualties in 2015 (36.6%). See accompanying spreadsheet for a full gender, age and severity of injury breakdown of motorcycle casualties since 2006.

Figure 1.10 Motorcyclists killed or seriously injured by gender 2006 - 2015



Casualties by selected age group

This section of the report focuses on age groups who are perceived as being more at risk in road traffic collisions namely children under the age of 16, young people (aged 16 to 24) and older people (65 plus).

Children (Age Group under 16)

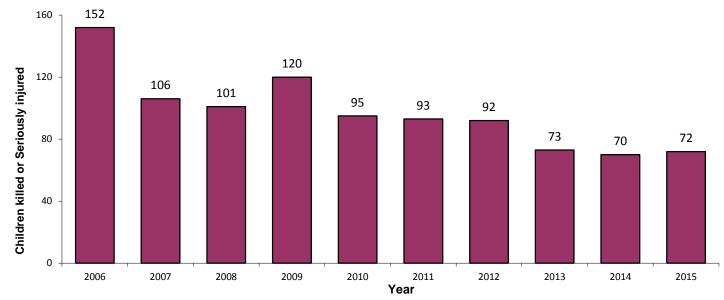


Figure 1.11 Child casualties killed or seriously injured – 2006 to 2015

• The 72 children (under 16) killed or seriously injured in 2015 is 2 more than was recorded in 2014 but 80 fewer than the 152 recorded ten years ago in 2006 (down 52.6%).

| | | Killed | | Seriously Injured | | | Slightly Injured ¹ | | | Total ¹ | | |
|------|------|--------|-------|-------------------|--------|-------|-------------------------------|--------|-------|--------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 2006 | 3 | 6 | 9 | 96 | 47 | 143 | 430 | 396 | 826 | 529 | 449 | 978 |
| 2007 | 3 | 2 | 5 | 57 | 44 | 101 | 459 | 435 | 894 | 519 | 481 | 1000 |
| 2008 | 4 | 3 | 7 | 57 | 37 | 94 | 427 | 424 | 851 | 488 | 464 | 952 |
| 2009 | 2 | 2 | 4 | 70 | 46 | 116 | 428 | 432 | 860 | 500 | 480 | 980 |
| 2010 | 0 | 2 | 2 | 58 | 35 | 93 | 399 | 350 | 749 | 457 | 387 | 844 |
| 2011 | 1 | 1 | 2 | 57 | 34 | 91 | 431 | 406 | 837 | 489 | 441 | 930 |
| 2012 | 3 | 2 | 5 | 63 | 24 | 87 | 512 | 444 | 956 | 578 | 470 | 1048 |
| 2013 | 1 | 1 | 2 | 41 | 30 | 71 | 445 | 413 | 858 | 487 | 444 | 931 |
| 2014 | 4 | 0 | 4 | 40 | 26 | 66 | 438 | 388 | 827 | 482 | 414 | 897 |
| 2015 | 3 | 2 | 5 | 44 | 23 | 67 | 443 | 408 | 853 | 490 | 433 | 925 |

Table 1.11 Number of child casualties by gender and severity of injury 2006 – 2015

¹ The table above excludes unknown ages but overall totals are correct

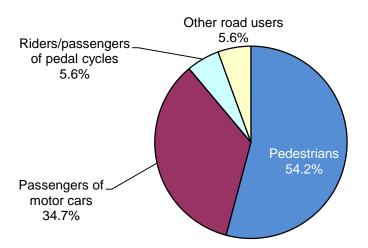
- The total number of child casualties has increased with the 925 recorded in 2015 being 28 more than 2014 but a reduction of 11.7% from the 1,048 child casualties in 2012.
- When comparing 2015 with 2006, the 80 fewer children killed or seriously injured in 2015 comprised 4
 fewer deaths and 76 fewer seriously injured although 27 more children were slightly injured in 2015
 than in 2006.
- As can be observed over the years, more male children than females tend to be casualties in road traffic collisions. In 2015, over half of the overall child casualty total was male and almost two thirds of children killed or seriously injured were male.

Table 1.12 Child casualties by road user type & severity of injury in Northern Ireland 2006 – 2015

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------------------------|-----------|-----------|-----------|------------|-----------|------------|----------------|-----------|-----------|------------|
| Killed | | | | | | | | | | |
| Pedestrians | 4 | 3 | 3 | 3 | 1 | 0 | 3 | 0 | 3 | 2 |
| Pedal cyclists | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Passengers | 5 | 2 | 3 | 0 | 1 | 1 | 2 | 2 | 0 | 3 |
| Other road users | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Total | 9 | 5 | 7 | 4 | 2 | 2 | 5 | 2 | 4 | 5 |
| Seriously Injured | | | | | | | | | | |
| Pedestrians | 63 | 46 | 54 | 68 | 57 | 55 | 55 | 54 | 34 | 37 |
| Pedal cyclists | 13 | 9 | 7 | 11 | 9 | 10 | 9 | 4 | 10 | 4 |
| Passengers | 57 | 43 | 25 | 26 | 20 | 23 | 18 | 12 | 21 | 22 |
| Other road users | 10 | 3 | 8 | 11 | 7 | 3 | 5 | 1 | 1 | 4 |
| Total | 143 | 101 | 94 | 116 | 93 | 91 | 87 | 71 | 66 | 67 |
| KSI | | | | | | | | | | |
| Pedestrians | 67 | 49 | 57 | 71 | 58 | 55 | 58 | 54 | 37 | 39 |
| Pedal cyclists | 13 | 9 | 7 | 11 | 9 | 10 | 9 | 4 | 11 | 4 |
| Passengers | 62 | 45 | 28 | 26 | 21 | 24 | 20 | 14 | 21 | 25 |
| Other road users | 10 | 3 | 9 | 12 | 7 | 4 | 5 92 | 1 | 1 | 4 |
| Total | 152 | 106 | 101 | 120 | 95 | 93 | 92 | 73 | 70 | 72 |
| Slightly Injured | 4-0 | | | . = 0 | | | . = 0 | | | |
| Pedestrians | 178 | 172 | 190 | 179 | 167 | 183 | 170 | 162 | 169 | 161 |
| Pedal cyclists | 44 | 63 | 57 | 62 | 41 | 55 | 46 | 38 | 32 | 43 |
| Passengers Other road users | 593 11 | 651 8 | 592 12 | 611 8 | 533 8 | 590 9 | 734 6 | 653 5 | 623 3 | 643 6 |
| Total | 826 | 。 894 | 851 | 860 | 。 749 | 837 | 956 | 858 | 827 | 853 |
| | 020 | 094 | 031 | 000 | /43 | 037 | 930 | 030 | 021 | 000 |
| All Casualties | 245 | 004 | 047 | 250 | 225 | 220 | 220 | 246 | 200 | 200 |
| Pedestrians Pedal cyclists | 245 57 | 221 72 | 247 64 | 250 73 | 225 50 | 238 65 | 228 55 | 216 42 | 206 43 | 200 47 |
| Passengers | 57 655 | 696 | 620 | 637 | 50 554 | 614 | 55 754 | 42 667 | 43 644 | 47 668 |
| Other road users | 21 | 11 | 21 | 20 | 15 | 13 | 11 | 6 | 4 | 10 |
| Total | 978 | 1000 | 952 | 980 | 844 | 930 | 1048 | 931 | 897 | 925 |
| . • • • | 010 | 1000 | 002 | | V77 | | 1040 | | 001 | 020 |

• Over two thirds of child casualties recorded in 2015 were passengers in motor vehicles. In terms of those children killed or seriously injured, over half were pedestrians, 34.7% were passengers and 5.6% were pedal cyclists. This is fairly typical of the proportions observed over the last 10 years.

Figure 1.12 Child casualties killed or seriously injured by road user type 2015



• Of the 925 child casualties, 96 (10.4%) were involved in a road traffic collision on their journey to or from school.

Young People (Age group 16 to 24)

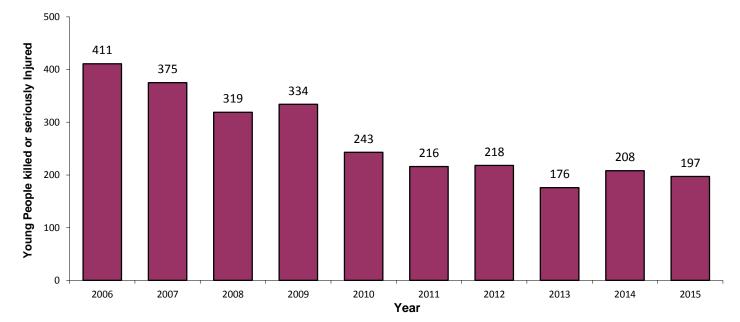


Figure 1.13 Young people killed or seriously injured – 2006 to 2015

• The 197 KSI casualties of young people (those aged between 16 and 24) is a decrease of 11 from the 208 recorded in 2014 and is also 46 fewer than recorded five years ago in 2010. This represents less than half the number of the 411 young people who were killed or seriously injured in 2006.

| | | Killed | | | Seriously Injured | | | Slightly Injured | | | Total | | | |
|------|------|--------|-------|------|-------------------|-------|------|------------------|-------|------|--------|-------|--|--|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | | |
| 2006 | 32 | 13 | 45 | 259 | 107 | 366 | 1131 | 856 | 1987 | 1422 | 976 | 2398 | | |
| 2007 | 27 | 4 | 31 | 256 | 88 | 344 | 1110 | 970 | 2080 | 1393 | 1062 | 2455 | | |
| 2008 | 30 | 11 | 41 | 198 | 80 | 278 | 1252 | 1031 | 2283 | 1480 | 1122 | 2602 | | |
| 2009 | 32 | 7 | 39 | 217 | 78 | 295 | 1295 | 1089 | 2384 | 1544 | 1174 | 2718 | | |
| 2010 | 14 | 1 | 15 | 153 | 75 | 228 | 1108 | 1067 | 2175 | 1275 | 1143 | 2418 | | |
| 2011 | 13 | 5 | 18 | 126 | 72 | 198 | 1077 | 911 | 1988 | 1216 | 988 | 2204 | | |
| 2012 | 7 | 5 | 12 | 155 | 51 | 206 | 975 | 934 | 1909 | 1137 | 990 | 2127 | | |
| 2013 | 14 | 1 | 15 | 117 | 44 | 161 | 990 | 906 | 1896 | 1121 | 951 | 2072 | | |
| 2014 | 18 | 3 | 21 | 127 | 60 | 187 | 1009 | 947 | 1956 | 1154 | 1010 | 2164 | | |
| 2015 | 15 | 3 | 18 | 115 | 64 | 179 | 1066 | 939 | 2005 | 1196 | 1006 | 2202 | | |

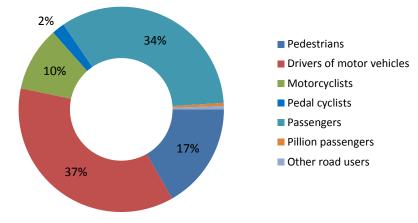
Table 1.13 Number of casualties of young people by gender and severity of injury 2006 – 2015

- In 2015 there were 18 fatalities of young people which is 3 fewer than the 21 recorded in 2014 and 27 fewer than 2006.
- The majority of young people casualties were males (54.3%) while almost two thirds of young people KSI casualties were male (66.0%).
- While both fatalities and serious injuries among young people have more than halved since 2006, there were more young people slightly injured in 2015 than in 2006. This increase is due to a rise in slight injuries among young females which has increased by 83 from 856 in 2006 to 939 in 2015 (up by 9.7%).

Table 1.14 Number of young people killed or seriously injured by road user type 2006 – 2015

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| KSI | | | | | | | | | | |
| Pedestrians | 48 | 33 | 47 | 41 | 30 | 39 | 30 | 17 | 19 | 33 |
| Drivers of motor vehicles | 166 | 160 | 132 | 140 | 95 | 79 | 82 | 67 | 96 | 72 |
| Motorcyclists | 48 | 52 | 42 | 43 | 31 | 26 | 27 | 24 | 24 | 20 |
| Pedal cyclists | 1 | 3 | 4 | 2 | 6 | 8 | 8 | 2 | 5 | 4 |
| Passengers | 141 | 125 | 90 | 106 | 76 | 61 | 69 | 60 | 62 | 66 |
| Pillion Passengers | 4 | 1 | 3 | 1 | 3 | 1 | 1 | 2 | 2 | 1 |
| Other road users | 3 | 1 | 1 | 1 | 2 | 2 | 1 | 4 | 0 | 1 |
| Total | 411 | 375 | 319 | 334 | 243 | 216 | 218 | 176 | 208 | 197 |

Figure 1.14 Young people killed or seriously injured by road user type - 2015



- The majority of young people killed or seriously injured in 2015 were drivers of motor vehicles with 72 out of the 197 KSI casualties being from this category (36.5%).
- The 20 motorcyclists killed or seriously injured in 2015 is the fewest observed for this age category since records on severity of injury by age group began to be collated in 1986. See chart below:

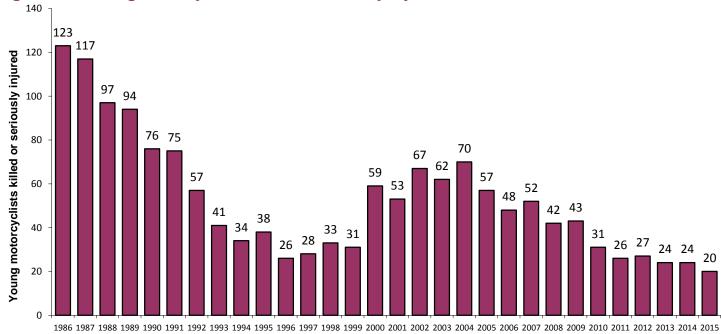


Figure 1.15 Young motorcyclists killed or seriously injured – 1986 to 2015

Older People (Age Group 65 and over)

| | Killed | | | Seriously Injured | | | Slightly Injured | | | Total | | | |
|------|--------|--------|-------|-------------------|--------|-------|------------------|--------|-------|-------|--------|-------|--|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | |
| 2006 | 7 | 3 | 10 | 37 | 54 | 91 | 234 | 250 | 484 | 278 | 307 | 585 | |
| 2007 | 12 | 6 | 18 | 48 | 43 | 91 | 264 | 275 | 539 | 324 | 324 | 648 | |
| 2008 | 9 | 8 | 17 | 49 | 53 | 102 | 216 | 278 | 494 | 274 | 339 | 613 | |
| 2009 | 12 | 8 | 20 | 45 | 53 | 98 | 251 | 299 | 550 | 308 | 360 | 668 | |
| 2010 | 5 | 1 | 6 | 40 | 60 | 100 | 230 | 289 | 519 | 275 | 350 | 625 | |
| 2011 | 5 | 7 | 12 | 49 | 61 | 110 | 219 | 291 | 510 | 273 | 359 | 632 | |
| 2012 | 10 | 2 | 12 | 44 | 42 | 86 | 277 | 272 | 549 | 331 | 316 | 647 | |
| 2013 | 8 | 7 | 15 | 50 | 50 | 100 | 281 | 326 | 607 | 339 | 383 | 722 | |
| 2014 | 13 | 9 | 22 | 35 | 46 | 81 | 284 | 327 | 611 | 332 | 382 | 714 | |
| 2015 | 11 | 9 | 20 | 27 | 51 | 78 | 346 | 370 | 716 | 384 | 430 | 814 | |

Table 1.15 Number of casualties of older people by gender and severity of injury 2006 – 2015

• There were 20 fatalities of older people in 2015 (those aged 65 plus), over a quarter of all road deaths recorded (74) and twice the number recorded ten years ago in 2006.

- The 78 older people seriously injured in 2015 is 3 fewer than the 81 recorded in 2014 and the lowest annual total since these records began being recorded in 1986.
- In direct contrast to this, there were more people aged 65 and over who were slightly injured in 2015 than in any previous calendar year since this data was collated and the first time that the number of older people slightly injured has exceeded 700. See chart below for a yearly breakdown from 1986:
- This age group is the only category that tends to have more females injured in a road traffic collision than males. The majority of those aged 65 and over who were both seriously (65.4%) and slightly injured (51.7%) in 2015 were females.

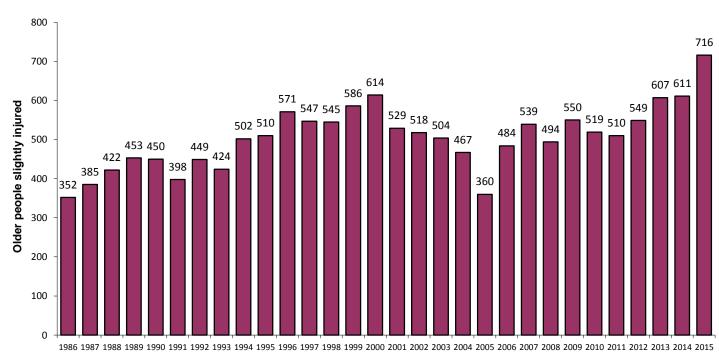


Figure 1.16 Older people slightly injured – 1986 to 2015

Table 1.16 Number of older people killed or seriously injured by road user type 2006 – 2015

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| KSI | | | | | | | | | | |
| Pedestrians | 29 | 30 | 37 | 37 | 26 | 43 | 33 | 38 | 38 | 29 |
| Drivers of motor vehicles | 41 | 45 | 51 | 44 | 45 | 48 | 35 | 45 | 38 | 36 |
| Motorcyclists | 1 | 4 | 2 | 0 | 3 | 4 | 5 | 3 | 2 | 3 |
| Pedal cyclists | 0 | 0 | 1 | 3 | 1 | 1 | 5 | 5 | 2 | 2 |
| Passengers | 28 | 28 | 26 | 29 | 28 | 22 | 17 | 22 | 21 | 25 |
| Pillion Passengers | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Other road users | 2 | 2 | 2 | 5 | 3 | 3 | 3 | 2 | 2 | 3 |
| Total | 101 | 109 | 119 | 118 | 106 | 122 | 98 | 115 | 103 | 98 |

• In terms of road user category, the majority of KSI casualties of older people in 2015 were drivers with 36 recorded (36.7%) while pedestrians were next highest with 29 (29.6%).

Section 2 – Causation, Single vehicle collisions and Seatbelt Usage

Causation factors in road traffic collisions

- The most common principal causation factors <u>for KSI casualties</u> during 2015 were 'Inattention or attention diverted (91 KSI casualties), followed by 'Excessive speed having regard to conditions' (81 KSI casualties) and 'Impaired by alcohol/drugs – driver/rider' (72 KSI casualties).
- The most common principal causation factors for <u>all casualties</u> were 'Inattention or attention diverted' (1,916 casualties) followed by 'Driving too close' (1,356 casualties) and 'Emerging from minor road without care' (756 casualties).

Table 2.1 Most Common Principal Causation Factors in Road Traffic Collisions 2015

| | | | Casualti | es |
|---|-----------------------------------|-----|---------------------|---------------------|
| Principal Factor | Number of Injury Collisions | KSI | Slightly Injured | Total Casualties |
| Inattention or attention diverted | 1,236 | 91 | 1,825 | 1,916 |
| Driving too close | 826 | 17 | 1,339 | 1,356 |
| Emerging from minor road without care | 468 | 39 | 717 | 756 |
| Turning right without care | 293 | 45 | 499 | 544 |
| Alcohol/drugs driver rider | 271 | 72 | 369 | 441 |
| Excessive speed having regard to conditions | 263 | 81 | 401 | 482 |
| Wrong course/position | 248 | 68 | 417 | 485 |
| Crossing or entering road junction without care | 215 | 28 | 348 | 376 |
| Heedless of traffic crossing carriageway | 177 | 53 | 140 | 193 |
| Overtaking on offside without care | 176 | 40 | 280 | 320 |

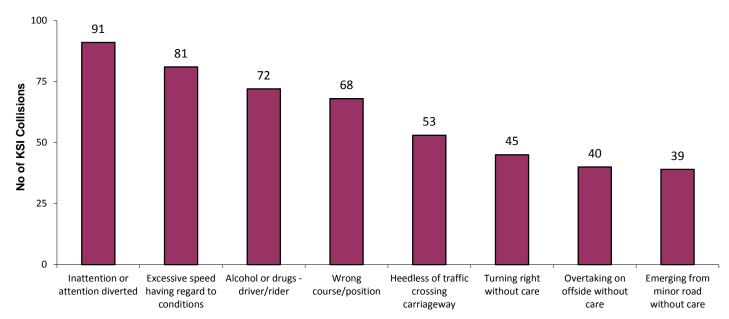


Figure 2.1 Main causes of fatal and serious collisions 2015

Appendix 5 provides a longer term overview of the causation factors for collisions. The number of casualties due to 'Alcohol or Drugs – driver/rider' and 'Excessive speed having regard to conditions' have decreased in 2015 in comparison with 2006 (falling by 13.4% and 63.0% respectively). In contrast, the number of casualties due to 'Careless Driving' has increased with 7,137 reported in 2015 compared with 6,046 in 2015 (an increase of 18.0%).

Table 2.2 Selected causation factors for KSI casualties 2006 – 2015

| | | ired by alcoh gs - driver/ri | | Ca | areless Drivii | Excessive Speed having regard to conditions | | | |
|------|--------|---------------------------------|-----|--------|----------------------|--|--------|----------------------|-----|
| | Killed | Seriously Injured | KSI | Killed | Seriously Injured | KSI | Killed | Seriously Injured | KSI |
| 2006 | 18 | 115 | 133 | 40 | 592 | 632 | 46 | 271 | 317 |
| 2007 | 18 | 113 | 131 | 43 | 509 | 552 | 32 | 221 | 253 |
| 2008 | 18 | 121 | 139 | 36 | 442 | 478 | 36 | 155 | 191 |
| 2009 | 21 | 115 | 136 | 33 | 480 | 513 | 27 | 172 | 199 |
| 2010 | 10 | 86 | 96 | 19 | 440 | 459 | 10 | 131 | 141 |
| 2011 | 9 | 87 | 96 | 23 | 415 | 438 | 7 | 87 | 94 |
| 2012 | 8 | 59 | 67 | 14 | 387 | 401 | 8 | 92 | 100 |
| 2013 | 10 | 40 | 50 | 25 | 375 | 400 | 11 | 79 | 90 |
| 2014 | 16 | 62 | 78 | 35 | 350 | 385 | 14 | 74 | 88 |
| 2015 | 8 | 64 | 72 | 32 | 373 | 405 | 14 | 67 | 81 |

- The 72 people killed or seriously injured in 2015 due to a driver being impaired by alcohol or drugs is 6 fewer than 2014 and a reduction of 45.9% from the 133 recorded ten years ago in 2006.
- Careless driving¹ resulted in 32 fatalities and caused a further 373 people to be seriously injured in 2015. This is the first time that this figure has increased from a previous calendar year since 2009 but represents a reduction of 35.9% from the 632 careless driving KSI casualties recorded in 2006.
- There were 81 people killed or seriously injured in 2015 where the principal causation factor was excessive speed having regard to conditions. This represents the lowest number of KSI casualties due to excessive speed recorded in a calendar year which is 60 fewer KSI casualties than recorded in 2010 and 236 fewer than ten years ago in 2006 (reductions of 42.6% and 74.4% respectively).
- Not all collisions are assessed to be the fault of the driver as evidenced by the table below.
 Passengers, pedestrians, vehicle defects, obstructions and weather conditions can also be the cause of a collision.

| | KSI Collision | Slight Collision | Total | KSI Casualties | Slightly injured | Total |
|---|------------------|---------------------|-------|-------------------|------------------|-------|
| Driver/Rider Fault | | | | | | |
| Alcohol or drugs - driver/rider | 51 | 220 | 271 | 72 | 369 | 441 |
| Excessive speed having regard to conditions | 51 | 212 | 263 | 81 | 401 | 482 |
| Careless driving ¹ | 326 | 4023 | 4349 | 405 | 6,732 | 7,137 |
| Other driver rider fault | 37 | 200 | 237 | 39 | 314 | 353 |
| Total | 465 | 4,655 | 5,120 | 597 | 7,816 | 8,413 |
| Passenger Fault | 5 | 41 | 46 | 5 | 43 | 48 |
| Pedestrian Fault | 115 | 302 | 417 | 118 | 342 | 460 |
| Vehicle Defects | 11 | 59 | 70 | 13 | 103 | 116 |
| Obstructions | 4 | 25 | 29 | 5 | 31 | 36 |
| Physical/Road | 12 | 132 | 144 | 16 | 184 | 200 |
| Weather | 19 | 239 | 258 | 21 | 358 | 379 |
| Miscellaneous | 8 | 55 | 63 | 10 | 75 | 85 |
| Total | 639 | 5,508 | 6,147 | 785 | 8,952 | 9,737 |

Table 2.3 Police recorded injury road traffic collisions and casualties by causation factor type2015

¹ This is a composite causation factor comprised of several causation factors including 'inattention or attention diverted' and 'driving too close'. Please see *Recorded road traffic collision and casualty definitions* for a full list in the Notes.

Single vehicle collisions¹

| | | | of single y Collisions ¹ | | Resulting Casualties | | | | | |
|------|---------------------|-----------------------|--|-------|----------------------|----------------------|---------------------|---------------------|--|--|
| | Fatal Collisions | Serious Collisions | Slight Collisions | Total | Killed | Seriously Injured | Slightly Injured | Total Casualties | | |
| 2006 | 35 | 190 | 483 | 708 | 43 | 254 | 753 | 1,050 | | |
| 2007 | 26 | 196 | 580 | 802 | 26 | 257 | 845 | 1,128 | | |
| 2008 | 30 | 193 | 709 | 932 | 33 | 229 | 936 | 1,198 | | |
| 2009 | 35 | 202 | 711 | 948 | 36 | 249 | 990 | 1,275 | | |
| 2010 | 17 | 161 | 720 | 898 | 18 | 202 | 979 | 1,199 | | |
| 2011 | 18 | 172 | 707 | 897 | 18 | 196 | 1015 | 1,229 | | |
| 2012 | 13 | 141 | 723 | 877 | 13 | 177 | 1009 | 1,199 | | |
| 2013 | 21 | 146 | 778 | 945 | 23 | 175 | 1053 | 1,251 | | |
| 2014 | 19 | 140 | 815 | 974 | 20 | 173 | 1093 | 1,286 | | |
| 2015 | 16 | 127 | 790 | 933 | 18 | 150 | 1087 | 1,255 | | |

Table 2.4 Single vehicle collisions¹ by year and resulting casualties 2006 - 2015

¹ Defined as a collision which involves no other party other than the vehicle itself

- There were 933 single vehicle collisions recorded in 2015 which is 41 fewer than 2014 but 225 greater (an increase of 31.8%) than the number recorded ten years ago in 2006.
- The 933 single vehicle collisions in 2015 accounted for 15.2% of all collisions. Within the year, the proportion of single vehicle collisions was noticeably higher among fatal (23.2%) and serious collisions (22.3%) compared with slight injury collisions (14.3%).
- The most common causation factor for all single vehicle collisions occurring in 2015 was inattention or attention diverted (179, 19.2%), followed by excessive speed having regard to conditions (134, 14.4%). The next highest were the consumption of alcohol or drugs by drivers or riders with 112 (12.0%) and then ice, frost or snow with 82 (8.8%).
- In terms of fatal and serious collisions, excessive speed was highest with 27 out of 143 single vehicle collisions (18.9%) accounting for 36 of the 168 people who were killed or seriously injured as a result.

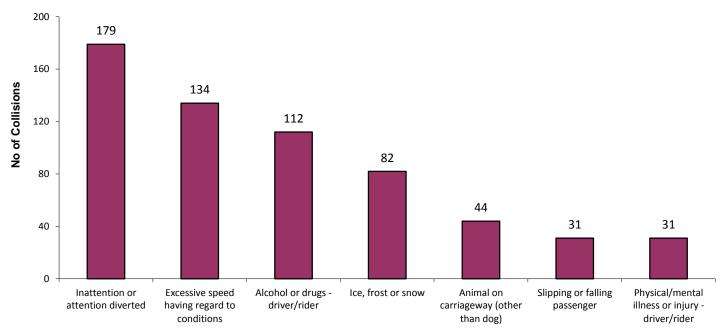


Figure 2.2 Main causes of single vehicle collisions 2015

Fixed Penalty Notices Issued for Traffic Offences¹

In 2015 there were 28,140 Fixed Penalty Notices (FPNs) and Discretionary Disposals issued by PSNI for a range of motoring offences.

- Just over one quarter (27.4%) of all FPNs and Discretionary Disposals were issued for speeding offences (7,702).
- 5,715 Fixed Penalty Notices and Discretionary Disposals were issued for the offence of 'using a hand held mobile phone'.
- 1,323 FPNs and Discretionary Disposals were issued in 2015 for seatbelt offences, 5,337 for careless and inconsiderate driving and 525 for breach of signs and signals.

Northern Ireland Survey of Seat Belt Wearing 2014²

DOE Northern Ireland carry out a biannual survey to observe seat belt wearing rates in vehicles covering rural, urban and motorway locations. Fieldwork for this survey takes place at 12 sites across Northern Ireland and involves observing stationery traffic and recording details such as gender, estimated age and whether a restraint was being used for any car occupants.

In 2014, 98% of car occupants observed used a restraint. Overall wearing rates have increased from 82% when the survey was started in 1994 to the current rate of 98%.

Northern Ireland Road Safety Partnership³

Speeding remains one of the main causes of collisions in which people are killed or seriously injured on Northern Ireland's roads.

The Northern Ireland Road Safety Partnership (NI RSP) was established in July 2003 with the aim of reducing the number of casualties on Northern Ireland's roads through targeted enforcement at sites with a history of collisions using safety cameras. There were 42,429 people detected by the NI RSP in 2014 (the most recent year that complete figures are available for) for either speeding or running a red light.

¹ <u>http://www.doeni.gov.uk/seat_belt_survey_report_2014.pdf</u>

² <u>http://www.doeni.gov.uk/seat_belt_survey_report_2014.pdf</u>

³ https://www.nidirect.gov.uk/articles/ni-road-safety-partnership

Seat belt wearing rates of those casualties involved in road traffic collisions

There were 5,275 casualties among drivers of vehicles in which a seat belt is normally worn. Of these 62.3% were wearing a seat belt at the time of the collision, 1.9% were not wearing a seat belt and for the remaining 35.8% it was unknown whether or not a seat belt was in use.

- The likelihood of a driver being killed in a collision greatly increases when not wearing a seat belt. In 2015, 0.5% of driver casualties who were wearing a seatbelt sustained fatal injuries, compared with 4.9% of driver casualties who were not wearing a seat belt. Similarly, 4.7% of driver casualties were killed or seriously injured when wearing a seat belt compared to 10.8% of those not wearing a seat belt.
- A total of 1,740 front seat passengers were casualties in vehicles in which a seat belt is normally worn and 68 of these (3.9%) were not wearing a seat belt. Of those front seat passengers wearing a seat belt at the time of the collision 6.0% were killed or seriously injured when a seat belt was in use compared with 10.3% of those who were not wearing a seat belt at the time of the collision.
- A total of 1,062 rear seat passengers were casualties in vehicles in which a seat belt is normally worn. Of the rear seat passenger casualties 3.3% were not wearing a seat belt.
- Of those rear seat passengers wearing a seat belt at the time of the collision 4.4% were killed or seriously injured when a seat belt was in use compared with 5.7% of those who were not wearing a seat belt at the time of the collision.

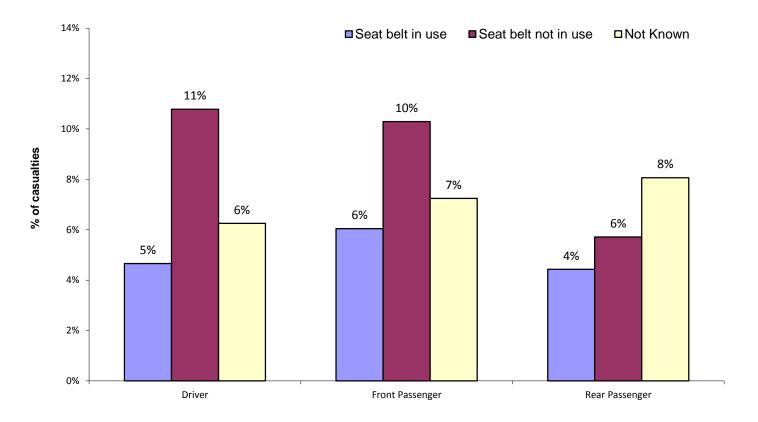
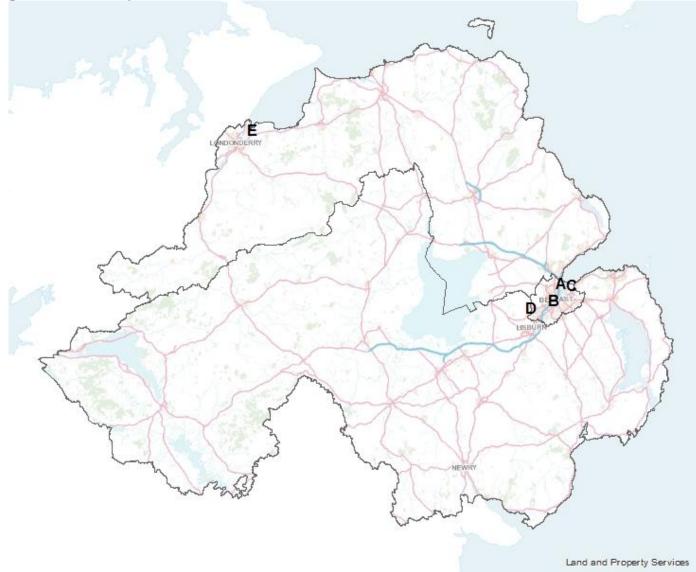


Figure 2.3 Seat belt usage: Proportion of casualties who were killed or seriously injured 2015

Section 3– Location, times and types of vehicles involved in collisions

Where did collisions occur in 2015?

Figure 3.1: The top 5 collision sites in Northern Ireland within a 50 metre radius - 2015



Using mapping software it is possible to identify sites that have a high number of collisions within a specified distance. Using a radius of 50 metres the top 5 sites for all collisions identified occurring in 2015 were the following:

- A The Westlink/ Great Georges Street/ York Street junction, Belfast. This site had 11 collisions occurring in 2015.
- **B Kennedy Way/ Andersonstown Roundabout, Belfast**. 10 collisions occurred within 50 metres of where Kennedy Way meets the Andersonstown roundabout.
- **C Sydenham By-Pass/ Dee Street, Belfast.** There were 9 collisions at this junction in East Belfast in 2015.
- **D Mullaghglass Road/ Pond Park Road, Lisburn.** 9 collisions occurred at this crossroads.
- E Clooney Road/ Caw Roundabout, Londonderry. 9 collisions also occurred where the Clooney Road meets the Caw Roundabout.

Top 3 fatal and serious collision sites in Northern Ireland within a kilometre radius – 2015

The top 3 collision sites for fatal and serious collisions within a kilometre radius were identified as an area of Derry City with 13, the Castlereagh Road area of East Belfast with 12 and the Westlink/ M2 area of North Belfast also with 12. See maps below:





Figure 3.3: East Belfast fatal and serious collisions (Castlereagh Road area)

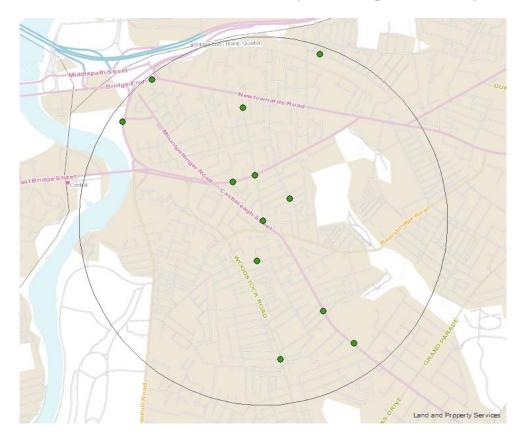


Figure 3.4: North Belfast fatal and serious collisions (Westlink / M2 area)



Links to our collisions are available on the NINIS website for each calendar year from 2007. See link to the 2014 information below:

http://www.ninis2.nisra.gov.uk/InteractiveMaps/Travel%20and%20Transport/Roads/rtc2015/atlas.html

Collisions are updated by NINIS on an annual basis.

Speed limit of road

- In general in 2015, injury collisions were more prevalent on urban roads with a speed limit of 40 mph or less. Fatal collisions, however, were most likely to occur on rural roads (defined as having a speed limit of above 40 miles per hour excluding motorways and dual carriageways).
- Of the 6,147 injury collisions recorded by the police in 2015, 3,630 (59.1%) occurred on roads with a speed limit of 40 mph or less while 2,019 (32.8%) took place on rural roads and the remaining 498 (8.1%) occurred on a motorway or dual carriageway. The 2,019 collisions which occurred on rural roads accounted for 3,378 casualties (34.7%) and 402 out of the 785 killed or seriously injured (51.2%).

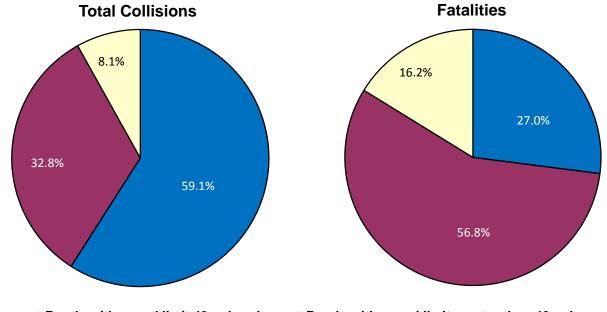


Figure 3.5 Road traffic collisions and fatalities by speed limit of road 2015

Roads with speed limit 40mph or less
 Roads with speed limit greater than 40mph
 Motorways/Dual Carriageways

- There were 42 people killed in 2015 on rural roads (defined as roads with a speed limit greater than 40 miles per hour except motorways and dual carriageways). This accounted for 56.8% of fatalities for the year which is a decrease from the 2004 – 2008 average of 73.4% (Key Performance Indicator in Road Safety Strategy).
- Of the five children killed on Northern Ireland roads in 2015, four were on rural roads (exceeding 40 miles per hour excluding motorways and dual carriageways) and the other was on an urban road (40 miles per hour or less).
- The majority of young people (aged between 16 and 24) killed or seriously injured in 2015 were on rural roads (59.9%).

When do 2015 fatal and serious collisions occur?

- Taking the week as a whole, the greatest number of fatal and serious collisions occurred in two separate hourly periods between 4pm and 5pm and between 5pm and 6pm (both with 55 collisions, 8.6%).
- There were contrasts between the pattern of collisions at weekends and during the working week. Of all fatal and serious collisions between Monday and Friday, 15.1% occurred between 7am and 10am compared to 4.1% on Saturday or Sunday.
- However, at weekends there was a greater tendency for fatal and serious collisions to occur early in the morning with 16.5% of weekend collisions occurring between midnight and 4am in comparison with 3.6% between Monday and Friday.
- Twenty-two of the 69 fatal collisions in 2015 occurred on a Saturday or Sunday (31.9%).

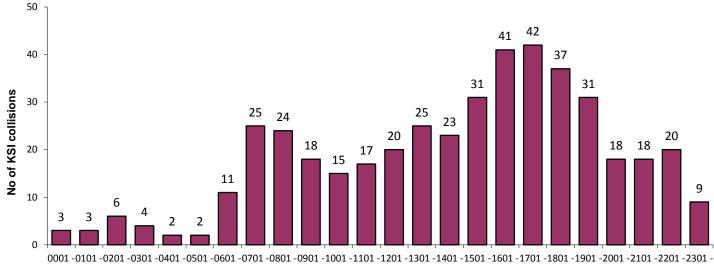
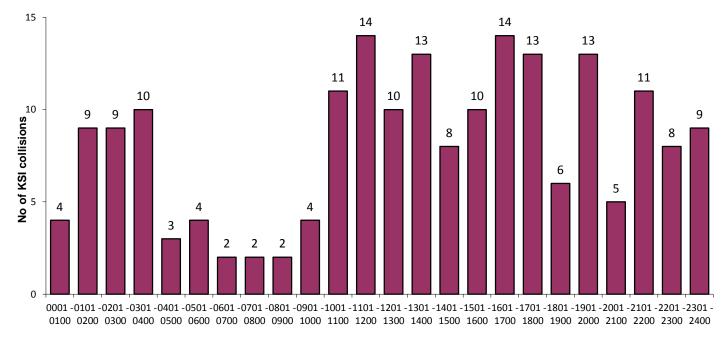


Figure 3.6 Weekday fatal and serious collisions by Hour 2015

0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400





Another way of illustrating the variation in collisions by time of day and day of week is shown overleaf-

| rigule 3 | o ratai and | Serious | COMBIO | iis by tii | ne anu i | uay OI w | CCK ZUI | J | | 1 |
|------------|-------------|---------|--------|------------|----------|----------|---------|-----|-------|-------------|
| | | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Total | |
| | 0001 - 0100 | 1 | 0 | 0 | 1 | 1 | 1 | 3 | 7 | 0001 - 0100 |
| | 0101 - 0200 | 2 | 1 | 0 | 0 | 0 | 5 | 4 | 12 | 0101 - 0200 |
| | 0201 - 0300 | 2 | 2 | 1 | 1 | 0 | 3 | 6 | 15 | 0201 - 0300 |
| | 0301 - 0400 | 2 | 0 | 2 | 0 | 0 | 3 | 7 | 14 | 0301 - 0400 |
| | 0401 - 0500 | 2 | 0 | 0 | 0 | 0 | 2 | 1 | 5 | 0401 - 0500 |
| | 0501 - 0600 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 6 | 0501 - 0600 |
| | 0601 - 0700 | 1 | 2 | 2 | 2 | 4 | 2 | 0 | 13 | 0601 - 0700 |
| | 0701 - 0800 | 5 | 4 | 6 | 5 | 5 | 2 | 0 | 27 | 0701 - 0800 |
| | 0801 - 0900 | 2 | 6 | 5 | 3 | 8 | 1 | 1 | 26 | 0801 - 0900 |
| | 0901 - 1000 | 4 | 1 | 6 | 4 | 3 | 1 | 3 | 22 | 0901 - 1000 |
| | 1001 - 1100 | 1 | 3 | 2 | 7 | 2 | 7 | 4 | 26 | 1001 - 1100 |
| | 1101 - 1200 | 4 | 6 | 3 | 1 | 3 | 5 | 9 | 31 | 1101 - 1200 |
| | 1201 - 1300 | 1 | 4 | 6 | 5 | 4 | 5 | 5 | 30 | 1201 - 1300 |
| | 1301 - 1400 | 4 | 5 | 4 | 5 | 7 | 4 | 9 | 38 | 1301 - 1400 |
| No of KSI | 1401 - 1500 | 4 | 3 | 5 | 3 | 8 | 5 | 3 | 31 | 1401 - 1500 |
| Collisions | 1501 - 1600 | 4 | 8 | 5 | 7 | 7 | 8 | 2 | 41 | 1501 - 1600 |
| 0-1 | 1601 - 1700 | 9 | 9 | 9 | 7 | 7 | 4 | 10 | 55 | 1601 - 1700 |
| 2-3 | 1701 - 1800 | 9 | 6 | 7 | 9 | 11 | 6 | 7 | 55 | 1701 - 1800 |
| 4-5 | 1801 - 1900 | 5 | 10 | 7 | 7 | 8 | 6 | 0 | 43 | 1801 - 1900 |
| 6-7 | 1901 - 2000 | 7 | 9 | 4 | 3 | 8 | 8 | 5 | 44 | 1901 - 2000 |
| 8+ | 2001 - 2100 | 5 | 3 | 3 | 4 | 3 | 3 | 2 | 23 | 2001 - 2100 |
| | 2101 - 2200 | 3 | 5 | 1 | 3 | 6 | 1 | 10 | 29 | 2101 - 2200 |
| | 2201 - 2300 | 4 | 1 | 8 | 5 | 2 | 5 | 3 | 28 | 2201 - 2300 |
| | 2301 - 2400 | 4 | 0 | 1 | 1 | 3 | 6 | 3 | 18 | 2301 - 2400 |
| | | Mon | Tue | Wed | Thu | Fri | Sat | Sun | | |

Figure 3.8 Fatal and serious collisions by time and day of week 2015

• The peak hours of collisions involving KSI casualties were between 3pm and 6pm when almost a quarter (23.6%) of all fatal and serious collisions took place.

• The worst combined day and hour for fatal and serious collisions was Friday between 5pm and 6pm with 11 having occurred in 2015 during this time period. Friday also had the highest proportion by day of week with 100 of the 639 fatal and serious collisions occurring on this day (15.6%).

• In terms of month, March had the highest number of fatal and serious collisions with 75 (11.7%). July had the fewest with 40 fatal and serious collisions. See table below:

Table 3.1 Police recorded fatal and serious injury road traffic collisions by month of year and day of week 2015

| | | | Day of | Week | | | | |
|-----------|--------|---------|-----------|----------|--------|----------|--------|-------|
| Month | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Total |
| January | 7 | 7 | 4 | 8 | 9 | 4 | 4 | 43 |
| February | 6 | 8 | 4 | 4 | 9 | 10 | 5 | 46 |
| March | 11 | 9 | 10 | 11 | 11 | 8 | 15 | 75 |
| April | 5 | 7 | 10 | 11 | 5 | 10 | 10 | 58 |
| May | 4 | 7 | 10 | 4 | 6 | 7 | 8 | 46 |
| June | 10 | 8 | 8 | 6 | 6 | 7 | 8 | 53 |
| July | 5 | 5 | 4 | 6 | 7 | 7 | 6 | 40 |
| August | 12 | 7 | 5 | 10 | 4 | 12 | 11 | 61 |
| September | 9 | 3 | 7 | 6 | 7 | 7 | 11 | 50 |
| October | 3 | 7 | 9 | 6 | 9 | 9 | 4 | 47 |
| November | 7 | 11 | 7 | 7 | 13 | 6 | 10 | 61 |
| December | 7 | 9 | 9 | 5 | 14 | 8 | 7 | 59 |
| Total | 86 | 88 | 87 | 84 | 100 | 95 | 99 | 639 |

Type of vehicles involved in injury road traffic collisions in 2015

- When looking at types of vehicles involved in road traffic collisions in 2015, cars formed the largest group with 9,607 (84.8%) involved in injury road traffic collisions. This was followed by 830 goods vehicles (7.3%) and 302 motorcycles (2.7%).
- The collision rate per 1,000 licensed vehicles is highest for buses/coaches (30 per 1,000) followed by hackney taxis (27 per 1,000). Motorcycles and cars had 13 and 11 collisions per 1,000 licensed vehicles respectively.

Table 3.2 Number of vehicles involved in injury road traffic collisions 2015

| | Fatal Collision | Serious Collision | Slight Collision | Total | % share | Collision rate per 1,000 licensed vehicles ¹ |
|------------------------|--------------------|----------------------|---------------------|--------|------------|---|
| Motorcycle | 4 | 89 | 209 | 302 | 2.7 | 13 |
| Hackney taxi | 0 | 0 | 15 | 15 | 0.1 | 27 |
| Car | 83 | 698 | 8,826 | 9,607 | 84.8 | 11 |
| Goods Vehicles | 13 | 67 | 750 | 830 | 7.3 | 7 |
| Buses / coaches | 1 | 14 | 155 | 170 | 1.5 | 30 |
| Agricultural Vehicles | 6 | 8 | 47 | 61 | 0.5 | 3 |
| Other/Unknown Vehicles | 1 | 45 | 298 | 344 | 3.0 | |
| Total | 108 | 921 | 10,300 | 11,329 | 100 | |

Northern Ireland Transport Statistics Annual 2014-15 publication: Table 1.7 Vehicles licensed currently licensed by body type: 2010-2014 (using 2014 figures)

While the number of KSI casualties among motorcyclists is at the lowest level since 1996, this
category has the highest combined fatal and serious collision rate by category with 4 KSI collisions per
1,000 licensed vehicles in 2015.

Weather conditions

Table 3.3 Police recorded fatal and serious injury road traffic collisions by weather conditions2015

| Weather | Total |
|--------------------------|-------|
| Fine (without high wind) | 434 |
| Rain (without high wind) | 73 |
| Snow (without high wind) | 6 |
| Fine (with high wind) | 15 |
| Rain (with high wind) | 25 |
| Snow (with high wind) | 4 |
| Fog or mist - if hazard | 8 |
| Strong sun (glaring) | 3 |
| Other | 21 |
| Unknown | 50 |
| Total | 639 |

Section 4 – Road deaths in comparison with other countries

How does Northern Ireland compare?

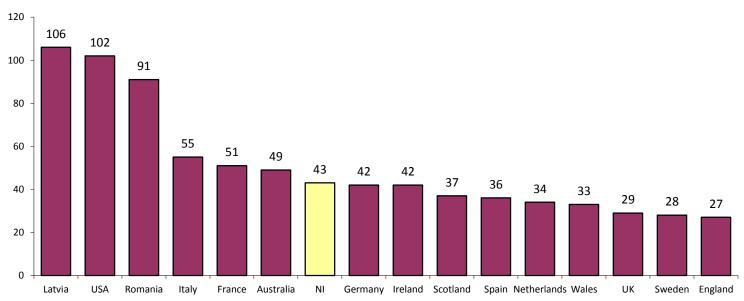
As the latest fatality information for a list of selected countries is only available for 2014, this report compares Northern Ireland's road deaths with a selected list of countries for that year.

Table 4.1 International comparisons of road deaths by selected country¹:

| Country | 2014² Number of road deaths | Road deaths per million population |
|--------------------------|---|---------------------------------------|
| England | 1,472 | 27 |
| Northern Ireland | 79 | 43 |
| Scotland | 200 | 37 |
| Wales | 103 | 33 |
| United Kingdom | 1,854 | 29 |
| Australia | 1,156 | 49 |
| France | 3,384 | 51 |
| Germany | 3,368 | 42 |
| Irish Republic | 195 | 42 |
| Italy | 3,330 | 55 |
| Latvia | 212 | 106 |
| Netherlands | 570 | 34 |
| New Zealand | 295 | 65 |
| Portugal | 607 | 58 |
| Romania | 1,818 | 91 |
| Spain | 1,661 | 36 |
| Sweden | 270 | 28 |
| United States of America | 32,675 | 102 |

Source: International Road Traffic and Accident Database ²2014 figures are the latest available internationally for all these countries

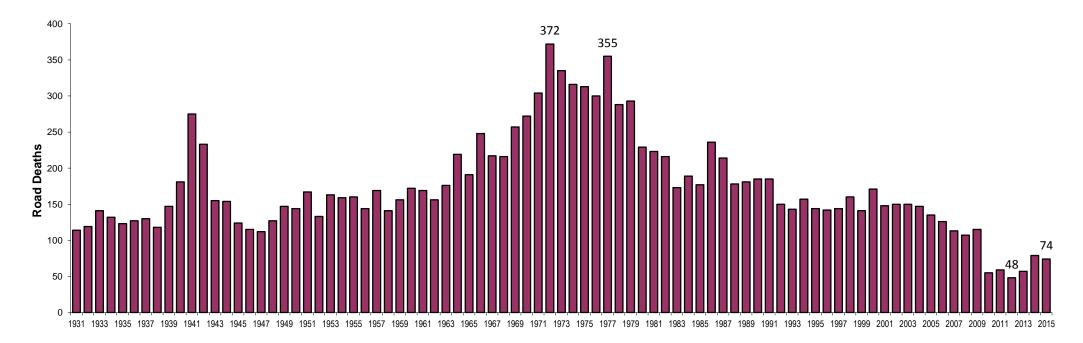
Figure 4.1 2014 Road deaths per million population by selected country



• The 79 deaths recorded in Northern Ireland for 2014 equates to a rate of 43 deaths per million population making it the region with the highest number of road deaths for the United Kingdom and Ireland. At the top end of the scale, Latvia had the highest death rate recorded in 2014 with 106 road deaths per million population while England was at the lower end with 27.

• The 74 road deaths recorded in Northern Ireland for 2015 equates to 41 road deaths per million population.





Appendix 2 Recorded injury road traffic collision and casualties by severity*- 1931 – 2015

| No of injury Year collisions Killed Inj 1931 1,582 114 1, | | Casualtie | Casualties | | | | Casualties | | | | | |
|--|----------------|------------|----------------|---------------------|--------------|-------------------------------|------------|----------------------|---------------------|---------------------|--|--|
| Year | injury | Killed | Injured | Total casualties | Year | No of injury collisions | Killed | Seriously Injured | Slightly Injured | Total casualties | | |
| 1931 | 1,582 | 114 | 1,724 | 1,838 | 1971 | 5,158 | 304 | 2,135 | 5,523 | 7,962 | | |
| 1932 | 1,765 | 119 | 1,890 | 2,009 | 1972 | 5,261 | 372 | 2,430 | 5,595 | 8,397 | | |
| 1933 | 1,633 | 141 | 1,757 | 1,898 | 1973 | 5,000 | 335 | 2,358 | 5,304 | 7,997 | | |
| 1934 | 1,835 | 132 | 1,954 | 2,086 | 1974 | 4,795 | 316 | 2,268 | 4,920 | 7,504 | | |
| 1935 | 1,975 | 123 | 2,159 | 2,282 | 1975 | 4,882 | 313 | 2,231 | 5,109 | 7,653 | | |
| 1936 | 2,021 | 127 | 2,216 | 2,343 | 1976 | 4,943 | 300 | 2,570 | 4,749 | 7,619 | | |
| 1937 | 1,793 | 130 | 1,891 | 2,021 | 1977 | 5,352 | 355 | 2,905 | 4,944 | 8,204 | | |
| 1938 | 1,945 | 118 | 2,128 | 2,246 | 1978 | 5,473 | 288 | 2,749 | 5,331 | 8,368 | | |
| 1939 | 1,993 | 147 | 2,211 | 2,358 | 1979 | 5,388 | 293 | 2,546 | 5,082 | 7,921 | | |
| 1940 | 1,451 | 181 | 1,576 | 1,757 | 1980 | 4,982 | 229 | 2,387 | 4,648 | 7,264 | | |
| 1941 | 1,778 | 275 | 1,928 | 2,203 | 1981 | 5,245 | 223 | 2,418 | 5,139 | 7,780 | | |
| 1942 | 1,636 | 233 | 1,844 | 2,077 | 1982 | 5,551 | 216 | 2,503 | 5,420 | 8,139 | | |
| 1943 | 1,205 | 155 | 1,308 | 1,463 | 1983 | 5,425 | 173 | 2,300 | 5,240 | 7,713 | | |
| 1944 | 1,205 | 154 | 1,259 | 1,413 | 1984 | 5,978 | 189 | 2,465 | 6,096 | 8,750 | | |
| 1945 | 1,222 | 124 | 1,429 | 1,553 | 1985 | 5,779 | 177 | 1,148 | 7,312 | 8,637 | | |
| 1946 | 1,602 | 115 | 1,919 | 2,034 | 1986 | 6,171 | 236 | 1,825 | 7,381 | 9,442 | | |
| 1947 | 1,700 | 112 | 1,976 | 2,088 | 1987 | 6,344 | 214 | 1,885 | 7,837 | 9,936 | | |
| 1948 | 1,695 | 127 | 1,892 | 2,019 | 1988 | 6,943 | 178 | 1,969 | 8,820 | 10,967 | | |
| 1949 | 2,135 | 147 | 2,396 | 2,543 | 1989 | 7,199 | 181 | 2,014 | 9,416 | 11,611 | | |
| 1950 | 2,430 | 144 | 2,748 | 2,892 | 1990 | 7,159 | 185 | 1,993 | 9,583 | 11,761 | | |
| 1951 | 2,583 | 167 | 2,975 | 3,142 | 1991 | 6,171 | 185 | 1,648 | 8,481 | 10,314 | | |
| 1952 | 2,625 | 133 | 3,028 | 3,161 | 1992 | 6,650 | 150 | 1,841 | 9,273 | 11,264 | | |
| 1953 | 3,139 | 163 | 3,715 | 3,878 | 1993 | 6,517 | 143 | 1,725 | 9,232 | 11,100 | | |
| 1954 | 3,315 | 159 | 3,954 | 4,113 | 1994 | 6,783 | 157 | 1,648 | 10,289 | 12,094 | | |
| 1955 | 3,854 | 160 | 4,561 | 4,721 | 1995 | 6,792 | 144 | 1,532 | 10,049 | 11,725 | | |
| 1956 | 3,860 | 144 | 4,631 | 4,775 | 1996 | 7,093 | 142 | 1,599 | 10,834 | 12,575 | | |
| 1957 | 3,324 | 169 | 4,001 | 4,170 | 1997 | 7,192 | 144 | 1,548 | 11,006 | 12,698 | | |
| 1958 | 3,533 | 141 | 4,379 | 4,520 | 1998 | 7,487 | 160 | 1,538 | 11,704 | 13,402 | | |
| 1959 | 3,992 | 156 | 5,068 | 5,224 | 1999 | 7,562 | 141 | 1,509 | 11,799 | 13,449 | | |
| 1960 | 4,237 | 172 | 5,443 | 5,615 | 2000 | 8,388 | 171 | 1,786 | 12,763 | 14,720 | | |
| 1961 | 4,196 | 169 | 5,520 | 5,689 | 2001 | 7,447 | 148 | 1,682 | 11,312 | 13,142 | | |
| 1962 | 4,297 | 156 | 5,677 | 5,833 | 2002 | 6,784 6.040 | 150 150 | 1,526 | 10,238 | 11,914 | | |
| 1963 | 4,536 | 176 | 6,001 | 6,177 | 2003 | 6,049 5,622 | 150 | 1,288 | 8,887 | 10,325 | | |
| 1964 1965 | 4,736 | 219 101 | 6,363 6 755 | 6,582 6,046 | 2004 2005 | 5,633 | 147 125 | 1,183 | 8,177 | 9,507 8,150 | | |
| 1965 | 4,987 5.024 | 191 249 | 6,755 6,876 | 6,946 7,124 | 2005 | 4,947 5,628 | 135 126 | 1,073 | 6,951 7 845 | 8,159 | | |
| 1967 | 5,034 5,094 | 248 217 | 0,070 7,076 | | 2000 | 5,628 5,000 | 120 | 1,211 1,097 | 7,845 | 9,182 9,436 | | |
| 1967 | 5,094 5,213 | 217 | 7,305 | 7,293 7,521 | 2007 | 5,990 6,223 | 107 | 990 | 8,226 8,454 | 9,436 9,551 | | |
| 1960 | 5,213 4,981 | 210 | 7,305 7,124 | 7,321 7,381 | 2008 | 6,223 6,251 | 115 | 990 1,035 | 8,454 8,617 | 9,551 9,767 | | |
| 1909 | 4,981 5,308 | 257 272 | 7,124 7,902 | 7,301 8,174 | 2009 | 6,251 5,666 | 55 | 892 | 8,017 8,010 | 9,767 8,957 | | |
| 1970 | 0,000 | 212 | 1,902 | 0,174 | 2010 | 5,666 5,594 | 55 59 | 825 | 8,010 7,876 | 8,957 8,760 | | |
| | | | | | 2011 | 5,594 5,775 | | 825 795 | 7,878 8,167 | 9,010 | | |
| | | | | | 2012 | 5,775 5,820 | 40 57 | 795 720 | 8,107 8,410 | 9,010 9,187 | | |
| | | | | | 2013 | 5,820 6,085 | 79 | 720 | 8,599 | 9,388 | | |
| | | | | | 2014 | 6,147 | 73 74 | 710 | 8,952 | 9,388 9,737 | | |
| | | | | | 2013 | 0,147 | 74 | 111 | 0,902 | 9,131 | | |

Appendix 3: Police recorded road traffic collision casualties by road user type and severity: 2006 – 2015

| | | | | | | | | 11000 | 2010 | |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| Pedestrians | | | | | | | | | | |
| Killed | 22 | 17 | 19 | 24 | 10 | 13 | 9 | 7 | 18 | 19 |
| Seriously injured | 202 | 166 | 193 | 191 | 167 | 200 | 182 | 162 | 140 | 164 |
| Slightly injured | 575 | 585 | 632 | 636 | 558 | 621 | 613 | 610 | 611 | 604 |
| Total | 799 | 768 | 844 | 851 | 735 | 834 | 804 | 779 | 769 | 787 |
| Drivers of motor vehic | cles | | | | | | | | | |
| Killed | 46 | 42 | 45 | 42 | 21 | 23 | 21 | 22 | 30 | 31 |
| Seriously injured | 526 | 478 | 417 | 417 | 332 | 295 | 294 | 271 | 263 | 254 |
| Slightly injured | 4,037 | 4,330 | 4,472 | 4,669 | 4,364 | 4,144 | 4425 | 4,577 | 4,786 | 5,071 |
| Total | 4,609 | 4,850 | 4,934 | 5,128 | 4,717 | 4,462 | 4,740 | 4,870 | 5,079 | 5,356 |
| Motorcyclists | · | | | • | | · | | | • | • |
| Killed | 14 | 25 | 15 | 16 | 8 | 6 | 4 | 10 | 13 | 4 |
| Seriously injured | 128 | 128 | 123 | 138 | 112 | 102 | 96 | 91 | 84 | 78 |
| Slightly injured | 267 | 297 | 319 | 260 | 255 | 238 | 189 | 210 | 192 | 202 |
| Total | 409 | 450 | 457 | 414 | 375 | 346 | 289 | 311 | 289 | 284 |
| Pedal cyclists | | | | | | | | | | |
| Killed | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 4 | 3 | 0 |
| Seriously injured | 33 | 30 | 26 | 32 | 49 | 47 | 55 | 42 | 59 | 40 |
| Slightly injured | 137 | 188 | 178 | 173 | 165 | 206 | 220 | 210 | 271 | 239 |
| Total | 171 | 220 | 206 | 205 | 214 | 255 | 277 | 256 | 333 | 279 |
| Passengers | | | | | | | | | | |
| Killed | 43 | 24 | 23 | 29 | 13 | 11 | 10 | 13 | 12 | 17 |
| Seriously injured | 304 | 282 | 215 | 235 | 211 | 161 | 155 | 136 | 155 | 163 |
| Slightly injured | 2,777 | 2,769 | 2,802 | 2,817 | 2,613 | 2,615 | 2,670 | 2,750 | 2,685 | 2,781 |
| Total | 3,124 | 3,075 | 3,040 | 3,081 | 2,837 | 2,787 | 2,835 | 2,899 | 2,852 | 2,961 |
| Pillion Passengers | | | | | | | | | | |
| Killed | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 0 |
| Seriously injured | 7 | 5 | 5 | 7 | 8 | 7 | 3 | 5 | 4 | 6 |
| Slightly injured | 23 | 15 | 18 | 13 | 9 | 7 | 11 | 11 | 7 | 4 |
| Total | 30 | 21 | 24 | 20 | 19 | 15 | 14 | 16 | 12 | 10 |
| Other road users | | | | | | | | | | |
| Killed | 0 | 2 | 2 | 4 | 1 | 3 | 2 | 1 | 2 | 3 |
| Seriously injured | 11 | 8 | 11 | 15 | 13 | 13 | 10 | 13 | 5 | 6 |
| Slightly injured | 29 | 42 | 33 | 49 | 46 | 45 | 39 | 42 | 47 | 51 |
| Total | 40 | 52 | 46 | 68 | 60 | 61 | 51 | 56 | 54 | 60 |
| All road users | | | | | | | | | | |
| Killed | 126 | 113 | 107 | 115 | 55 | 59 | 48 | 57 | 79 | 74 |
| Seriously injured | 1,211 | 1,097 | 990 | 1,035 | 892 | 825 | 795 | 720 | 710 | 711 |
| Slightly injured | 7,845 | 8,226 | 8,454 | 8,617 | 8,010 | 7,876 | 8,167 | 8,410 | 8,599 | 8,952 |
| Total | 9,182 | 9,436 | 9,551 | 9,767 | 8,957 | 8,760 | 9,010 | 9,187 | 9,388 | 9,737 |

Appendix 4: Road traffic child collision casualties by road user type and severity: 2006 – 2015

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|------------------------|--------------------|----------|------|------|------|------|-------|------|------|------|
| Pedestrians | | | | | | | | | | |
| Killed | 4 | 3 | 3 | 3 | 1 | 0 | 3 | 0 | 3 | 2 |
| Seriously injured | 63 | 46 | 54 | 68 | 57 | 55 | 55 | 54 | 34 | 37 |
| Slightly injured | 178 | 172 | 190 | 179 | 167 | 183 | 170 | 162 | 169 | 161 |
| Total | 245 | 221 | 247 | 250 | 225 | 238 | 228 | 216 | 206 | 200 |
| Drivers of motor vehic | cles | • | • | • | | • | | • | | • |
| Killed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seriously injured | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 |
| Slightly injured | 2 | 3 | 3 | 1 | 0 | 1 | 2 | 0 | 1 | 3 |
| Total | 4 | 3 | 3 | 3 | 0 | 1 | 3 | 0 | 1 | 4 |
| Motorcyclists | | | | | | | | | | |
| Killed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seriously injured | 4 | 1 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 1 |
| Slightly injured | 2 | 1 | 3 | 1 | 1 | 3 | 0 | 0 | 1 | 2 |
| Total | 6 | 2 | 4 | 4 | 2 | 3 | 1 | 0 | 1 | 3 |
| Pedal cyclists | | | | | | | | | | |
| Killed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Seriously injured | 13 | 9 | 7 | 11 | 9 | 10 | 9 | 4 | 10 | 4 |
| Slightly injured | 44 | 63 | 57 | 62 | 41 | 55 | 46 | 38 | 32 | 43 |
| Total | 57 | 72 | 64 | 73 | 50 | 65 | 55 | 42 | 43 | 47 |
| Passengers | | - | 1 | - | T | 1 | T | 1 | T | - |
| Killed | 5 | 2 | 3 | 0 | 1 | 1 | 2 | 2 | 0 | 3 |
| Seriously injured | 57 | 43 | 25 | 26 | 20 | 23 | 18 | 12 | 21 | 22 |
| Slightly injured | 593 | 651 | 592 | 611 | 533 | 590 | 734 | 653 | 623 | 643 |
| Total | 655 | 696 | 620 | 637 | 554 | 614 | 754 | 667 | 644 | 668 |
| Other road users (inc | luding pillion pas | sengers) | 1 | - | T | 1 | T | 1 | T | - |
| Killed | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Seriously injured | 4 | 2 | 7 | 6 | 6 | 3 | 3 | 1 | 1 | 2 |
| Slightly injured | 7 | 4 | 6 | 6 | 7 | 5 | 4 | 5 | 1 | 1 |
| Total | 11 | 6 | 14 | 13 | 13 | 9 | 7 | 6 | 2 | 3 |
| All road users | | | | | | | | | | |
| Killed | 9 | 5 | 7 | 4 | 2 | 2 | 5 | 2 | 4 | 5 |
| Seriously injured | 143 | 101 | 94 | 116 | 93 | 91 | 87 | 71 | 66 | 67 |
| Slightly injured | 826 | 894 | 851 | 860 | 749 | 837 | 956 | 858 | 827 | 853 |
| Total | 978 | 1,000 | 952 | 980 | 844 | 930 | 1,048 | 931 | 897 | 925 |

Appendix 5: Police recorded road traffic collision casualties by causation factor and severity: 2006 - 2015

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|-----------------------|------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
| Alcohol or Drugs - Dr | | | | | | | | | | |
| Killed | 18 | 18 | 18 | 21 | 10 | 9 | 8 | 10 | 16 | 8 |
| Seriously injured | 115 | 113 | 121 | 115 | 86 | 87 | 59 | 40 | 62 | 64 |
| Slightly injured | 376 | 436 | 376 | 408 | 324 | 357 | 388 | 344 | 336 | 369 |
| Total | 509 | 567 | 515 | 544 | 420 | 453 | 455 | 394 | 414 | 441 |
| Excessive Speed hav | ing regard to co | onditions | | _ | - | | | L | 1 1 | |
| Killed | 46 | 32 | 36 | 27 | 10 | 7 | 8 | 11 | 14 | 14 |
| Seriously injured | 271 | 221 | 155 | 172 | 131 | 87 | 92 | 79 | 74 | 67 |
| Slightly injured | 984 | 677 | 758 | 852 | 762 | 529 | 448 | 349 | 425 | 401 |
| Total | 1,301 | 930 | 949 | 1,051 | 903 | 623 | 548 | 439 | 513 | 482 |
| Careless Driving | · | · | · | · · · | · | · | · | · | · | |
| Killed | 40 | 43 | 36 | 33 | 19 | 23 | 14 | 25 | 35 | 32 |
| Seriously injured | 592 | 509 | 442 | 480 | 440 | 415 | 387 | 375 | 350 | 373 |
| Slightly injured | 5,414 | 5,711 | 5,979 | 6,000 | 5,524 | 5,577 | 5,839 | 6,111 | 6,249 | 6,732 |
| Total | 6,046 | 6,263 | 6,457 | 6,513 | 5,983 | 6,015 | 6,240 | 6,511 | 6,634 | 7,137 |
| Alcohol or Drugs – P | edestrian | | | | | | | | | |
| Killed | 6 | 4 | * | 6 | * | 5 | 0 | * | * | 5 |
| Seriously injured | 22 | 22 | * | 21 | * | 26 | 21 | * | * | 14 |
| Slightly injured | 55 | 52 | 47 | 60 | 36 | 68 | 55 | 54 | 42 | 55 |
| Total | 83 | 78 | 68 | 87 | 59 | 99 | 76 | 64 | 54 | 74 |
| Other Pedestrian Fau | lt | • | • | - | | • | | | | |
| Killed | 9 | 6 | 9 | 10 | 4 | 5 | 4 | * | 6 | 8 |
| Seriously injured | 104 | 81 | 121 | 117 | 93 | 105 | 101 | * | 86 | 91 |
| Slightly injured | 312 | 311 | 344 | 321 | 314 | 306 | 321 | 308 | 300 | 287 |
| Total | 425 | 398 | 474 | 448 | 411 | 416 | 426 | 403 | 392 | 386 |
| Other factors | | 1 | | | 1 | | 1 | 1 | , | |
| Killed | 7 | 10 | * | 18 | * | 10 | 14 | 6 | * | 7 |
| Seriously injured | 107 | 151 | * | 130 | * | 105 | 135 | 126 | * | 102 |
| Slightly injured | 704 | 1,039 | 950 | 976 | 1,050 | 1,039 | 1,116 | 1,244 | 1,247 | 1,108 |
| Total | 818 | 1,200 | 1,088 | 1,124 | 1,181 | 1,154 | 1,265 | 1,376 | 1,381 | 1,217 |
| All factors | | 1 | I | I | T | T | T | T | , | |
| Killed | 126 | 113 | 107 | 115 | 55 | 59 | 48 | 57 | 79 | 74 |
| Seriously injured | 1,211 | 1,097 | 990 | 1,035 | 892 | 825 | 795 | 720 | 710 | 711 |
| Slightly injured | 7,845 | 8,226 | 8,454 | 8,617 | 8,010 | 7,876 | 8,167 | 8,410 | 8,599 | 8,952 |
| | 9,182 | 9,436 | 9,551 | 9,767 | 8,957 | 8,760 | 9,010 | 9,187 | 9,388 | 9,737 |

Notes

The United Kingdom Statistics Authority has designated these statistics as National Statistics, in accordance with the Statistics and Registration Service Act 2007 and signifying compliance with the Code of Practice for Official Statistics.

National Statistics status means that official statistics meet the highest standards of trustworthiness, quality and public value.

All official statistics should comply with all aspects of the Code of Practice for Official Statistics. They are awarded National Statistics status following an assessment by the Authority's regulatory arm. The Authority considers whether the statistics meet the highest standards of Code compliance, including the value they add to public decisions and debate.

It is a producer's responsibility to maintain compliance with the standards expected of National Statistics. If we become concerned about whether these statistics are still meeting the appropriate standards, we will discuss any concerns with the Authority promptly. National Statistics status can be removed at any point when the highest standards are not maintained, and reinstated when standards are restored.

User Consultation is an important part of the service we provide and it is a requirement under Principal 1 (Meeting User Needs) of the Code of Practice for Official Statistics, to publish information about user experiences. Updates from our most recent user engagement and surveys are published on the PSNI website under the <u>Official Statistics</u> section.

User Guide

The recently updated <u>User Guide for the Police Recorded Road Traffic Collision Statistics</u> is now available on the PSNI website and provides information on the design and methodology of the data. The User Guide also outlines how PSNI statisticians address the quality guidelines for administrative data as well as setting out details of procedures and definitions.

Daily Fatal Spreadsheet

As part of our commitment to provide users with more timely information, we publish a provisional Daily Fatal Spreadsheet, giving details of the location, age and gender of road traffic fatalities. This is updated each working day on the <u>PSNI website</u>.

Maps of Collision Locations

We have been working with our partner agencies to improve the information on the locations of collisions that we provide and together with NINIS (Northern Ireland Neighbourhood Information Service) we have produced interactive maps plotted with fatal, serious and slight collisions over the past seven years, available on the <u>NINIS website</u>. 2015 collisions will be available on this webpage from July 2016.

Data quality

Our internal quality assurance and validation procedures are regularly tested, reviewed and updated. We have also used the UK Statistics Authority <u>Administrative Data Quality Assurance Toolkit</u> to ensure that we have provided users with as much information as possible and to make users aware of the quality and background of the statistics.

PSNI's Collision Report Form (CRF) is based on the Department for Transport STATS19 form. This ensures data is checked and validated to an agreed set of standards. This also allows the statistics to be compared at a UK level. (A copy of the form is provided in the appendix to the <u>User Guide for the Police</u> <u>Recorded Road Traffic Collision Statistics</u>)

STATS19 forms and the accompanying <u>STATS20</u> guidance provide a set of established guidelines which are followed by police forces across the UK. For example, all road collisions involving human death or

personal injury occurring on the public road and notified to the police within 30 days of the occurrence, and in which one or more vehicles are involved, are to be reported. This is a wider definition of road collisions than that used in legislation eg. Road Traffic Acts.

Strengths and Limitations of the data

Strengths

The purpose of collating and reporting on injury road traffic collisions is to provide accurate and timely management information to the PSNI to assist them with tracking trends, identifying problem areas and in developing policies related to road policing issues. Police recorded injury road traffic collision and casualty statistics are used by a variety of organisations and individuals in the public and private sector as well as by the wider general public.

PSNI Statisticians attend the Standing Committee on Accident Statistics (SCRAS) and this gives a UK-wide focus to our work. We work closely with the Department for Transport to ensure that our work is comparable with other regions of the UK.

The Department for Infrastructure in Northern Ireland uses the PSNI's injury road traffic statistics to inform policy and monitor performance in relation to various road safety strategies. Similarly, the statistics are vital to informing colleagues in Transport NI (previously Road Service) in relation to identifying the location and causes of collisions so that they can assess whether a road engineering solution is required.

The statistics are also used to inform the Northern Ireland Road Safety Partnership on the need for cameras to enforce identified roads which are prone to injury road traffic collisions or road junctions where collisions result from drivers ignoring the mechanical traffic signals (red light running). The statistics are widely referred to in the media and are used by those individuals or organisations with an interest in road safety.

Limitations

Comparison of road accident reports with death registrations shows that very few if any road accident fatalities are not reported to the police. However, it has long been known in GB (and by extension in NI) that a considerable proportion of non-fatal casualties are not known to the police, as hospital, survey and compensation claims data all indicate a higher number of casualties than suggested by police accident data.

The data used as the basis for these statistics are therefore not a complete record of all personal injury road accidents, and this should be kept in mind when using and analysing the figures. However, police data on road accidents (STATS 19), whilst not perfect, remain the most detailed, complete and reliable single source of information on road casualties, in particular for monitoring trends over time.

One of the main limitations of police recorded injury road traffic collision statistics, as mentioned above, is the extent to which they represent the true level of injury road traffic collisions and casualties that occur within the UK. Extensive research has been conducted within GB in order to get an estimate of the level of this underreporting. The research has generally focused on two sources of comparable information, (i) hospital admissions data1 and (ii) survey data from The Travel Survey for Northern Ireland2.

¹ Reported Road Casualties in Great Britain Annual Report 2011: Department for Transport <u>https://www.gov.uk/government/statistics/reported-road-casualties-great-britain-annual-report-2011</u>

² The Travel Survey for Northern Ireland 2012-2014 <u>https://www.infrastructure-ni.gov.uk/publications/travel-survey-northern-ireland-tsni-headline-report-2012-</u> 2014

While both comparisons would indicate that police recorded injury collision statistics are less complete than other sources, there are many reasons why this may be the case. For example, the police recorded statistics only relate to collisions that take place on the public roads and exclude collisions that occur on private land or public parks etc. Similarly, persons injured in certain types of collisions may be less likely to report these to the police e.g. casualties resulting from collisions where no motor vehicle is involved (cyclists falling off their bikes or colliding with pedestrians).

In Northern Ireland, police recorded fatal and serious injury collision casualties (KSI's) for 2014/15 equate to approximately 61% of the comparable figures on road casualties obtained from hospital admission statistics over the same period, up from 57% in the previous year.

The Travel Survey for Northern Ireland which collects information on how and why people travel within Northern Ireland. The survey uses three years of data to ensure the analysis is robust. The Travel Survey for Northern Ireland indicates that 68% of persons involved in at least one road accident in which there was an injury made police aware of the collision, either by attending at the scene or reporting afterwards. (The confidence interval around this was +/-8%).

Revisions

Revisions are carried out in accordance with our Revisions Policy, a copy of which is available in the Official Statistics section of the PSNI Statistics website. Figures published within a current financial year to date are provisional and will be subject to slight revision until figures for the full financial year are published. These amendments can happen for a number of reasons, such as a collision being included or excluded following further investigation by an officer.

Comparisons with Great Britain

Results from the most recent period covered by the Department for Transport statistical releases (published 5th February 2016) refer to the year ending September 2015. Key points from the publication are as below:

- Road deaths increased by 3% compared to the year ending September 2014 to 1,780.
- There were 23,700 killed or seriously injured (KSI) casualties, a 3% decrease compared with the previous year.
- There were 188,830 reported road casualties of all severities, 3% lower than the year ending September 2014.

https://www.gov.uk/government/statistics/reported-road-casualties-great-britain-provisional-estimates-july-toseptember-2015

Recorded road traffic collision and casualty definitions

Collisions: Collisions involving personal injury occurring on the public highway (including footpaths) in which a vehicle is involved. Collisions are categorised as either 'Fatal', 'Serious' or 'Slight' according to the most severely injured casualty.

Killed: Died within 30 days from injuries received in a collision.

Serious Injury: An injury for which a person is detained in hospital as an 'in-patient', or any of the following injuries whether or not the person is detained in hospital: fractures, concussion, internal injuries, crushings, burns, severe cuts and lacerations or severe general shock requiring medical treatment.

KSI: Refers to collisions or casualties where someone was killed or seriously injured.

Slight Injury: An injury of a minor character such as a sprain, bruise or cut not judged to be severe, or slight shock requiring roadside attention.

Casualty: A person who sustains a slight, serious or fatal injury.

Children: Persons under 16 years of age.

Vehicles Involved: Vehicles whose occupants are injured, vehicles suffering damage, vehicles that contribute to the collision, and horses being ridden at the time of the collision. Vehicles that collide after the initial impact causing injury are not included unless they aggravate the degree of injury or lead to further casualties.

Drivers of motor vehicles: Drivers of hackneys, cars, motor caravans, LGVs, HGVs, cars used as taxis, minibuses and buses

Motorcyclists: Drivers/riders of mopeds and motorcycles. Includes riders of two-wheeled motor vehicles, motorcycle combinations, scooters and mopeds.

Pedal cyclists: Drivers/riders of pedal cycles. Includes children riding toy cycles on the carriageway and the first rider of a tandem.

Passengers: Occupants of vehicles other than the driver or rider. Passengers of hackneys, cars, motor caravans, LGVs, HGVs, cars used as taxis, minibuses, buses and pedal cycles.

Pillion passengers: Passenger on a moped or motorcycle.

Other road users: Drivers and passengers of invalid / 3 wheelers, tractors, ridden horses, other motor vehicles and other non motor vehicles.

Pedestrians: Include

- Children on scooters, roller skates or skateboards;
- Children riding toy cycles on the footpath;
- Persons pushing bicycles or other vehicles or operating pedestrian-controlled vehicles;
- Persons leading or herding animals;
- Occupants of prams or wheelchairs;
- People who alight safely from vehicles and are subsequently injured;
- Persons pushing or pulling a vehicle;
- Persons other than cyclists holding on to the back of a moving vehicle

Careless Driving: Include

- disobeyed pedestrian crossing,
- disobeyed traffic sign/signal,
- failing to give / giving faulty signal,
- wrong course position,
- driving too close,
- turning right without care,
- turning left without care,
- 'U' turning without care,
- reversing without care,
- stopping without care,
- starting without care,
- overtaking on nearside without care,
- overtaking on offside without care,
- changing lane without care,
- emerging from minor road without care,
- emerging from private road/entrance without care,
- crossing/entering road junction without care,
- inattention or attention diverted,
- distracted by action inside vehicle,
- distracted by action outside vehicle,
- using mobile phone,
- fatigue.

Map of new Northern Ireland Policing Districts

