

Road Casualties in Wiltshire and Swindon

The nineteenth joint report ~ 2017

(Based on 2016 data)

Wiltshire Council & Swindon Borough Council
work closely with their road safety partners to reduce
road casualties and to promote, educate and improve
road safety.

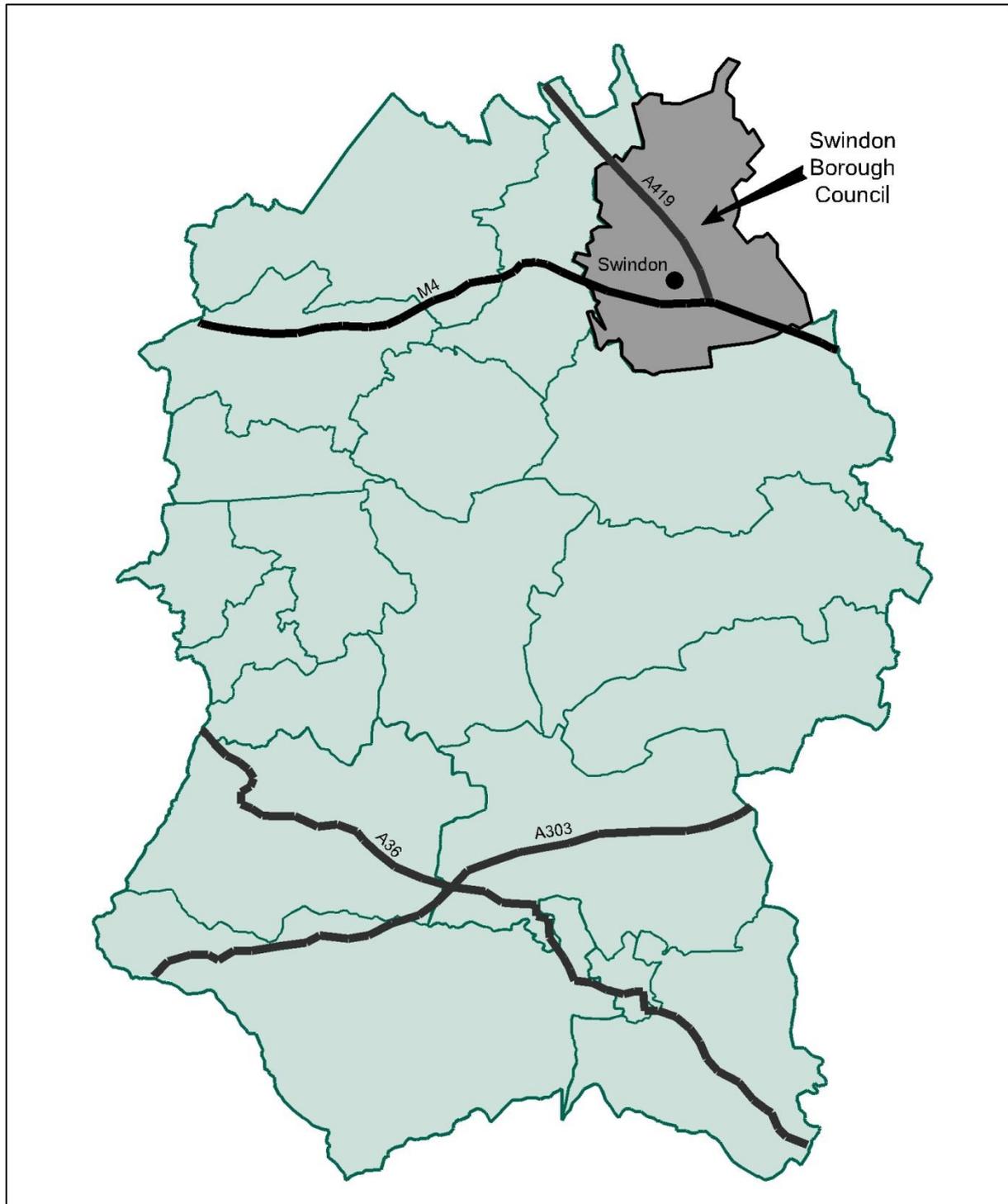
Road Casualties in Wiltshire and Swindon the Nineteenth Joint Report.

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The nineteenth joint report includes local and national data from 2016

Plan showing Wiltshire Council and Swindon Borough Council and Trunk roads.



Map and data from 2009

Key

-  Wiltshire Council
-  Swindon Borough Council
-  Trunk roads/motorway (responsibility of Highways England)

Summary

This is the nineteenth report highlighting the progress of Wiltshire and Swindon Road Safety Partners towards reaching the 2020 casualty reduction target adopted by the Wiltshire & Swindon Road Safety Partnership.

The partnership currently comprises representatives of Wiltshire Council, Wiltshire police, Swindon Borough Council, Highways England, the Health Authority and Wiltshire Fire and Rescue Service, who are all working together to achieve a locally adopted projected casualty reduction target of:

- A 40% reduction in the number of people killed and seriously injured in road collisions based on 2005 – 2009 average.

Across the partnership area there were 1592 recorded road traffic collisions in 2016 which resulted in 2145 casualties, 24 of which were fatalities. The overall cost of these casualties to the community is estimated to be £134 million.

The partnership area includes all roads under the control of Wiltshire Council and Swindon Borough Council, together with the M4 and the Trunk roads that are the responsibility of Highways England.

The reductions that can be seen have been achieved by the partners undertaking activities to help prevent and reduce casualties set out in the road safety strategy shown in 'Appendix A' and work in these areas continues.

2016 Collision and Casualty data

The collision and casualty data for each of the highway authorities for 2016 are set out in table 2.1

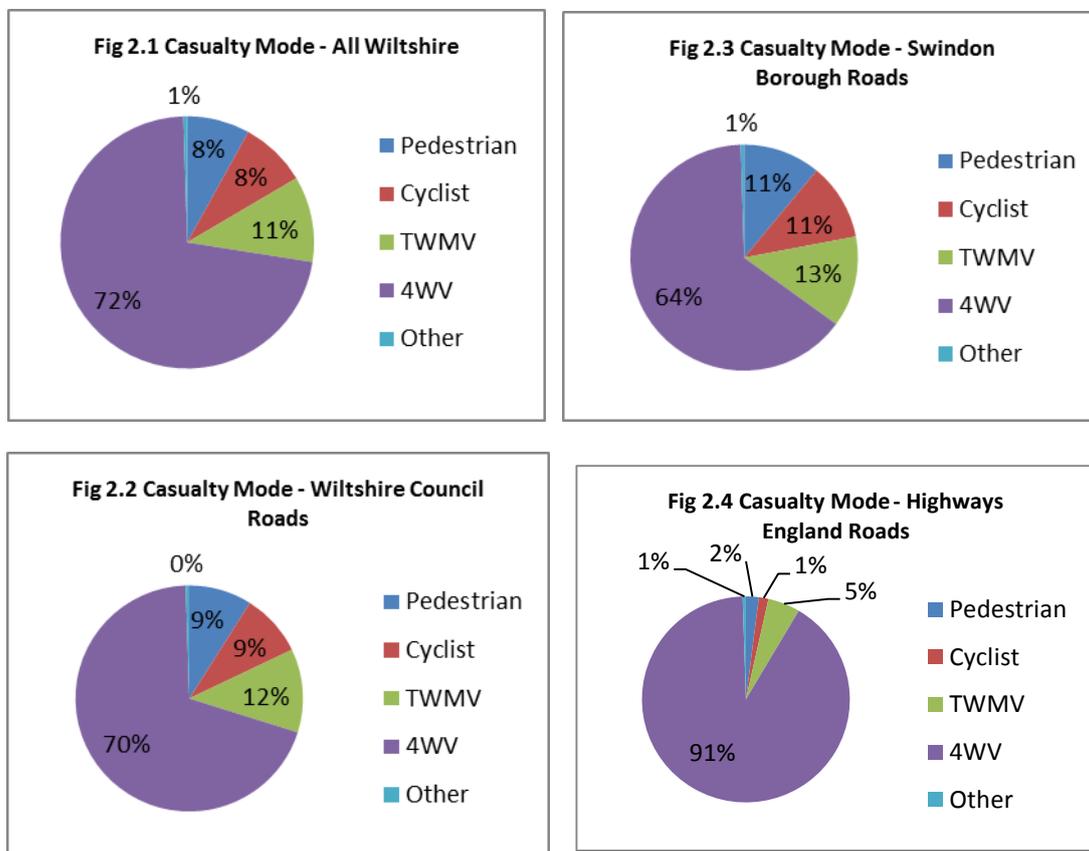
Table 2.1 Wiltshire collisions and casualties for 2016 by Highway Authority.

| Highway Responsibility | Collisions | | | | Casualties | | | |
|------------------------------------|------------|---------|--------|-------|------------|---------|--------|-------------|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total |
| Wiltshire Council Roads | 13 | 160 | 765 | 938 | 13 | 179 | 1069 | 1261 59% |
| Swindon Borough Council Roads | 1 | 69 | 371 | 441 | 1 | 72 | 488 | 561 26% |
| Highways England (M4 and Trunk) | 9 | 34 | 170 | 213 | 10 | 43 | 270 | 323 15% |
| All Roads in Wiltshire and Swindon | 23 | 263 | 1306 | 1592 | 24 | 294 | 1827 | 2145 |

Note: the % figures are related to the overall casualty total of 2145

The higher proportion of collisions and casualties on local authority roads reflects the fact that they have responsibility for the majority of the highway network.

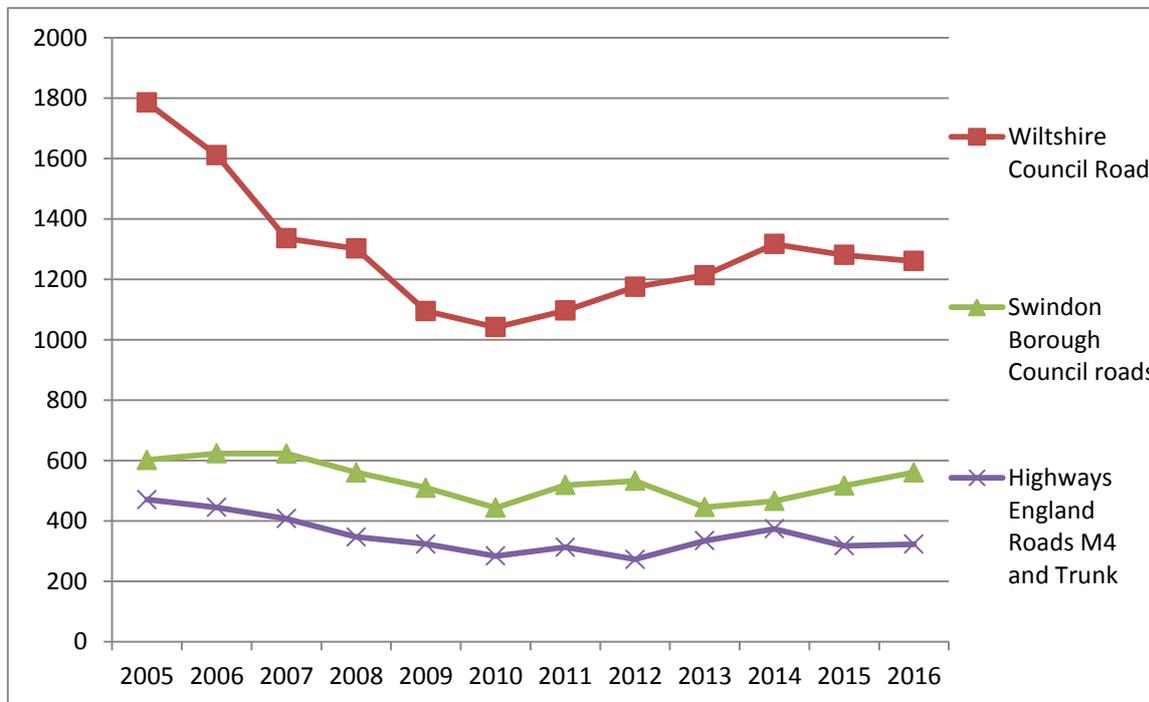
Figures 2.1 to 2.4 illustrate the road user casualty types for the three highway authorities and All Wiltshire.



TWMV=Two Wheeled Motor vehicles 4WV=Motor Vehicles with four or more wheels

The trend in road casualties for each highway authority for the last twelve years is shown in fig 2.5 below.

Fig 2.5 All casualties by highway authorities 2004 – 2016



The department for transport calculates the financial cost to communities of road traffic casualties. Table 2.2 below shows these costs for each highway authority.

Table 2.2 Costs of the road traffic collision casualties in Wiltshire 2016

| Severity of injury | Cost per casualty (£) | Cost of casualties (£) | | | |
|---|-----------------------|------------------------|-------------------------|-------------------------------|-------------|
| | | Wiltshire Council | Swindon Borough Council | Highways England M4 and Trunk | All County |
| Fatal | 1,841,315 | 23,937,095 | 1,841,315 | 18,413,150 | 44,,191,560 |
| Serious | 206,912 | 37,037,248 | 14,897,664 | 8,897,216 | 60,832,128 |
| Slight | 15,951 | 17,051,619 | 7,784,088 | 4,306,770 | 29,142,477 |
| Total cost of all casualties in Wiltshire | | | | | 134,166,165 |

The base costs per casualty are as quoted in ‘Road Casualties in Great Britain’ 2016

Casualty reduction target and performance

Table 3.1 below shows the progress at the end of 2016 towards the casualty reduction target set by the road safety partnership, this target has been adopted from the central casualty forecast as detailed in the Department for Transport document 'Strategic framework for Road safety'.

Reduction Target – A 40% reduction in killed and seriously injured casualties by 2020

Table 3.1 Wiltshire killed and seriously injured casualties in 2016 by highway authority

| Highway authority | All killed and seriously injured casualties | | | |
|------------------------------------|---|------|----------|-----------------------------|
| | 2005-2009 Average | 2016 | % Change | 2020 Target (40% reduction) |
| Wiltshire Council | 234 | 192 | - 18 | 140 |
| Swindon Borough Council | 67 | 73 | + 9 | 40 |
| Highways England | 62 | 53 | - 14 | 38 |
| All roads in Wiltshire and Swindon | 363 | 318 | - 12 | 218 |
| Great Britain* | 30 | 25.9 | - 14 | 18 |

*GB casualties in thousands

The 'Audit Commission' compares the performance of similar authorities for monitoring purposes. Table 3.2 below shows the reduction Wiltshire achieved for killed and seriously injured casualties against similar authorities. It also shows the regional and national reductions.

Table 3.2 2016 Killed and seriously injured casualties in comparator areas, south west region and Great Britain, compared with 2005-2009 average.

| Highway authority | Killed and seriously injured casualties | | |
|------------------------------------|---|--------|----------|
| | 2005-2009 Average | 2016 | % Change |
| Somerset | 310 | 183 | - 41 |
| Buckinghamshire | 281 | 229 | - 18 |
| Gloucestershire | 258 | 279 | + 8 |
| Oxfordshire | 355 | 357 | + 1 |
| All roads in Wiltshire and Swindon | 363 | 318 | - 12 |
| South west region | 2323 | 2226 | - 4 |
| Great Britain | 30,041 | 25,893 | - 14 |

The trends in killed and seriously injured casualties by highways authorities since 2005 illustrated in figures 3.1 to 3.4.

Fig 3.1 Killed and seriously injured casualties on all Wiltshire and Swindon roads

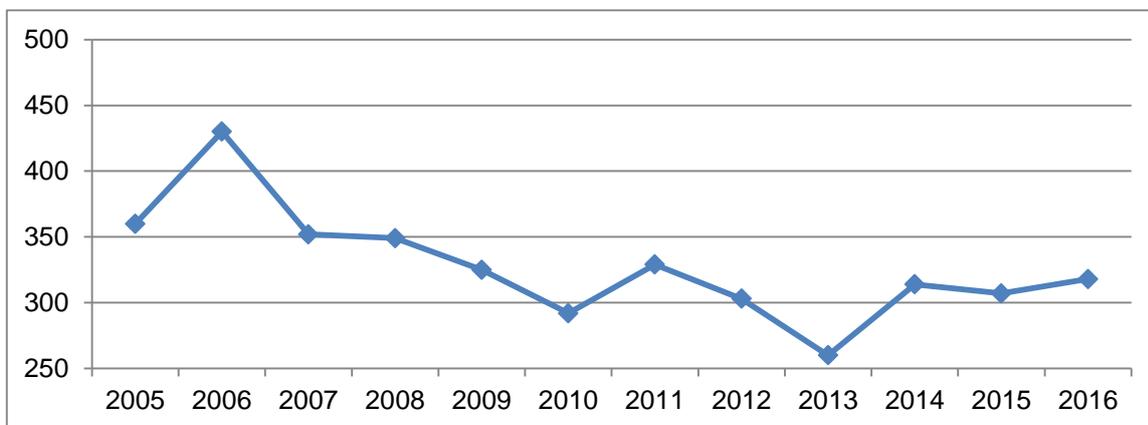


Fig 3.2 Killed and seriously injured casualties on Wiltshire Council roads

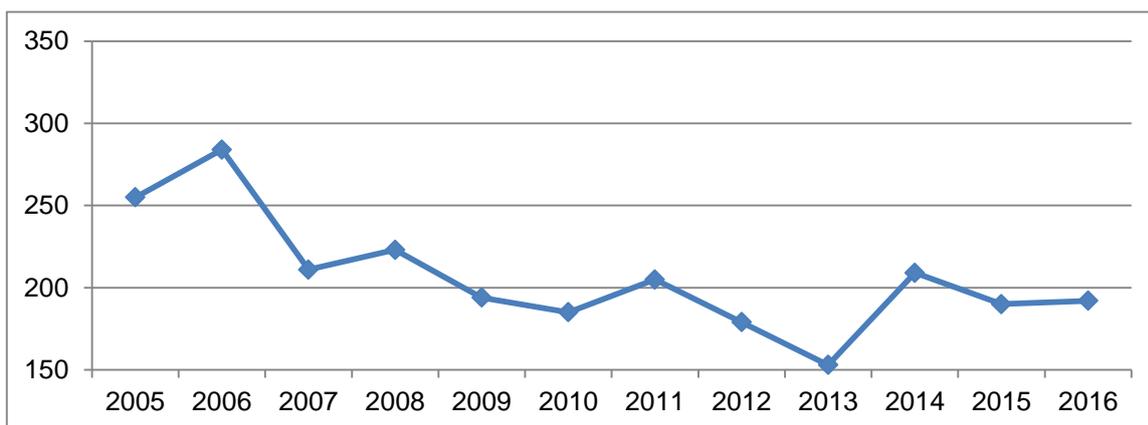


Fig 3.3 Killed and seriously injured casualties on Swindon Borough roads

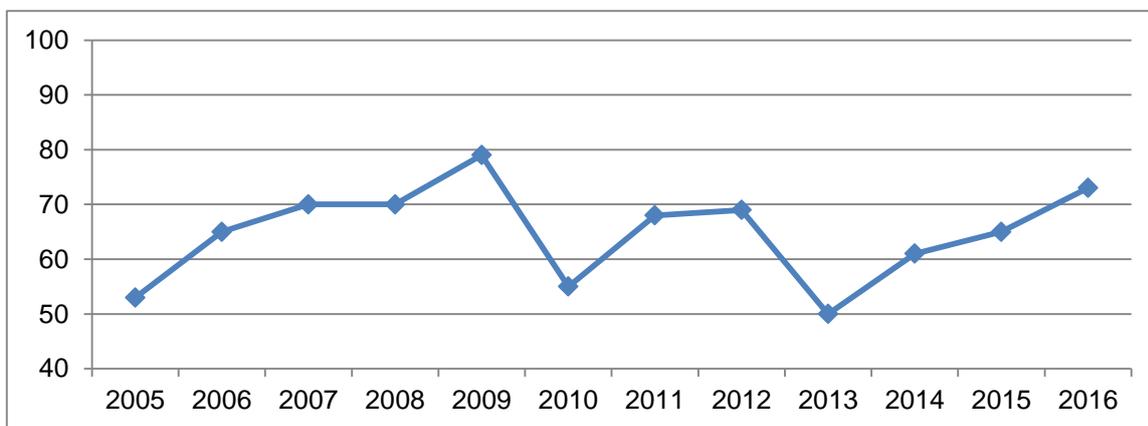
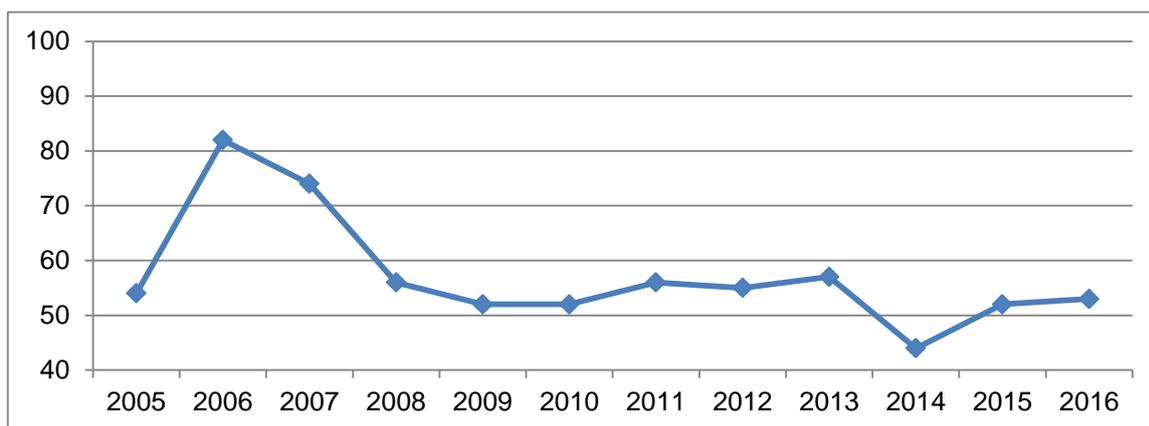


Fig 3.4 Killed and seriously injured casualties on Highways England roads



Killed and seriously injured child casualties

Table 3.3 Child (0-15 years) casualties killed and seriously injured in 2016 by highway authority.

| Highway authority | Child killed and seriously injured casualties | | |
|------------------------------------|---|------|----------|
| | 2005-2009 Average | 2016 | % Change |
| Wiltshire Council | 20 | 8 | - 60 |
| Swindon Borough Council | 6 | 6 | 0 |
| Highways England | 3 | 3 | 0 |
| All roads in Wiltshire and Swindon | 29 | 17 | - 41 |
| Great Britain | 3067 | 2102 | - 31 |

The trends in child casualties by highways authorities are shown in figures 3.5 to 3.7. The casualty numbers for Highways England Roads (motorway and trunk) are very low and it is felt that the inclusion of a chart would be of little value.

Fig 3.5 Child casualties killed and seriously injured on all Wiltshire and Swindon roads

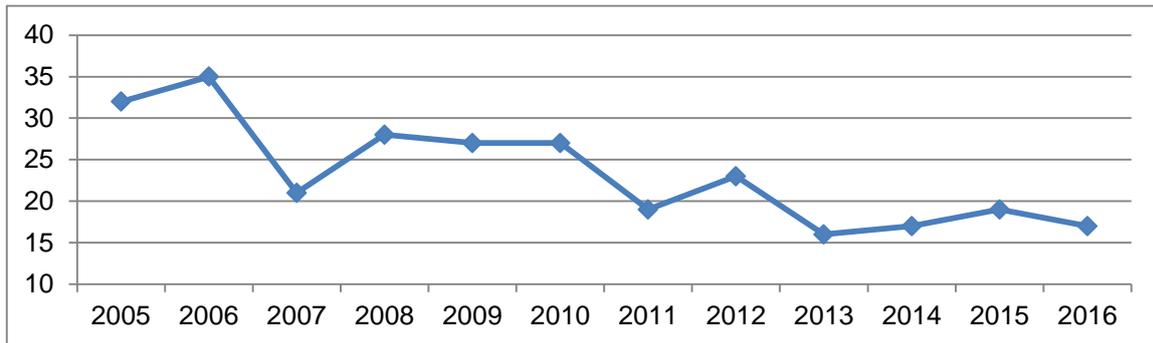


Fig 3.6 Child casualties killed and seriously injured on Wiltshire Council roads

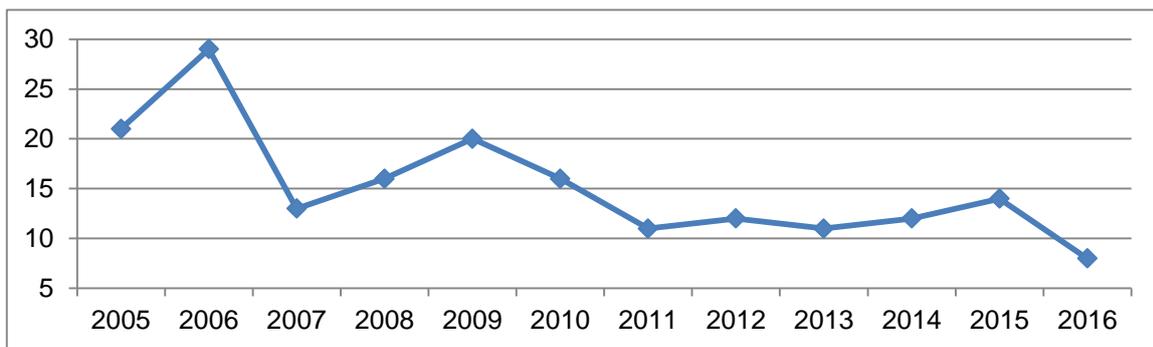
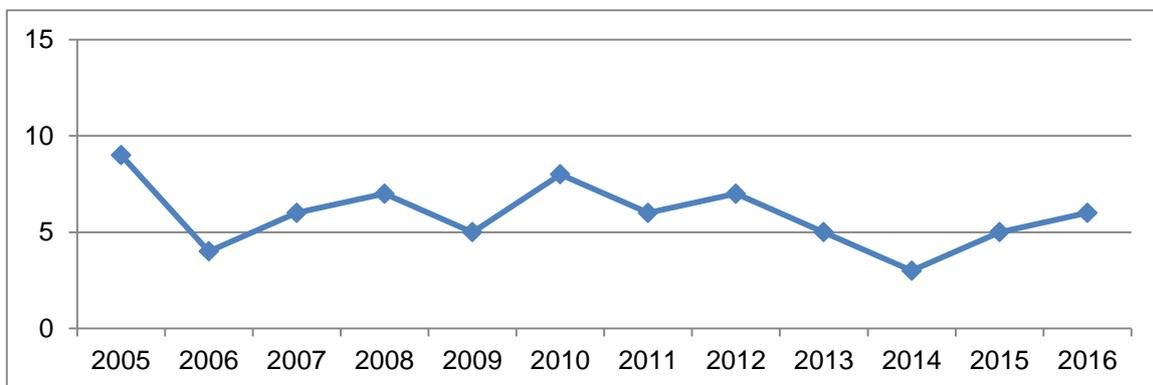


Fig 3.7 Child casualties killed and seriously injured on Swindon Borough roads



Slightly injured casualties

Table 3.4 Slightly injured casualties in 2016 by highway authority

| Highway authority | Slightly injured casualties | | |
|------------------------------------|-----------------------------|---------|----------|
| | 2005-2009 Average | 2016 | % Change |
| Wiltshire Council | 1,194 | 1069 | - 10 |
| Swindon Borough Council | 525 | 488 | - 7 |
| Highways England | 326 | 270 | - 17 |
| All roads in Wiltshire and Swindon | 2,045 | 1827 | - 11 |
| South west region | 18,923 | 12,507 | - 34 |
| Great Britain | 216,009 | 155,491 | - 28 |

The trends in slightly injured casualties by highways authorities are shown in figures 3.8 to 3.11.

Fig 3.8 All slightly injured casualties on all Wiltshire and Swindon roads

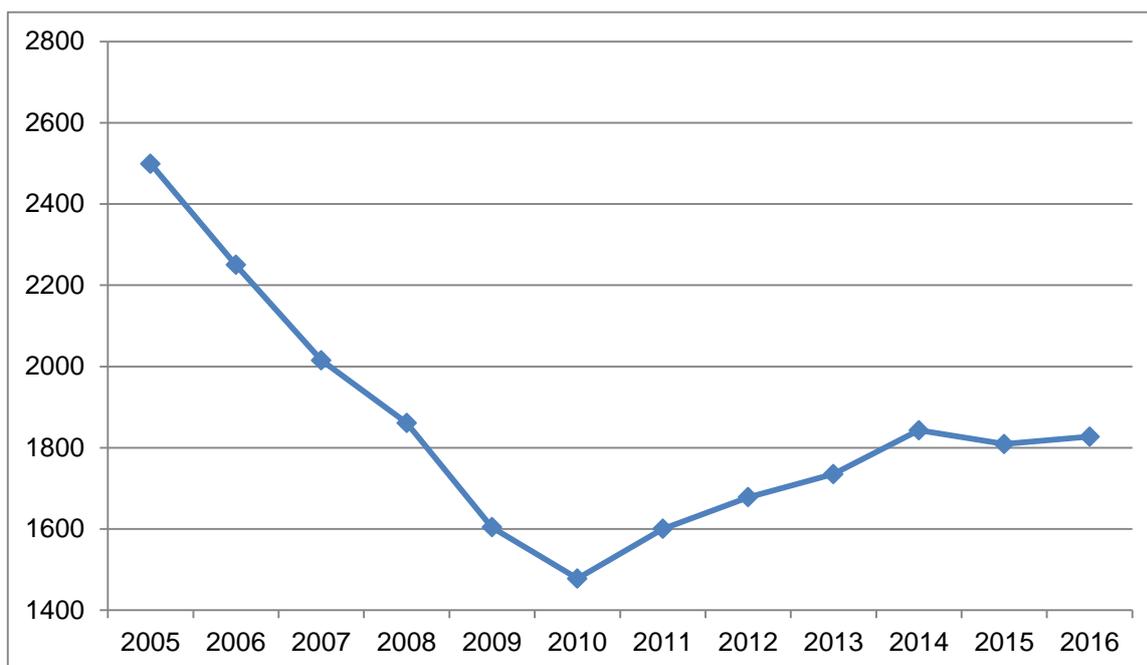


Fig 3.9 Slightly injured casualties on Wiltshire Council roads

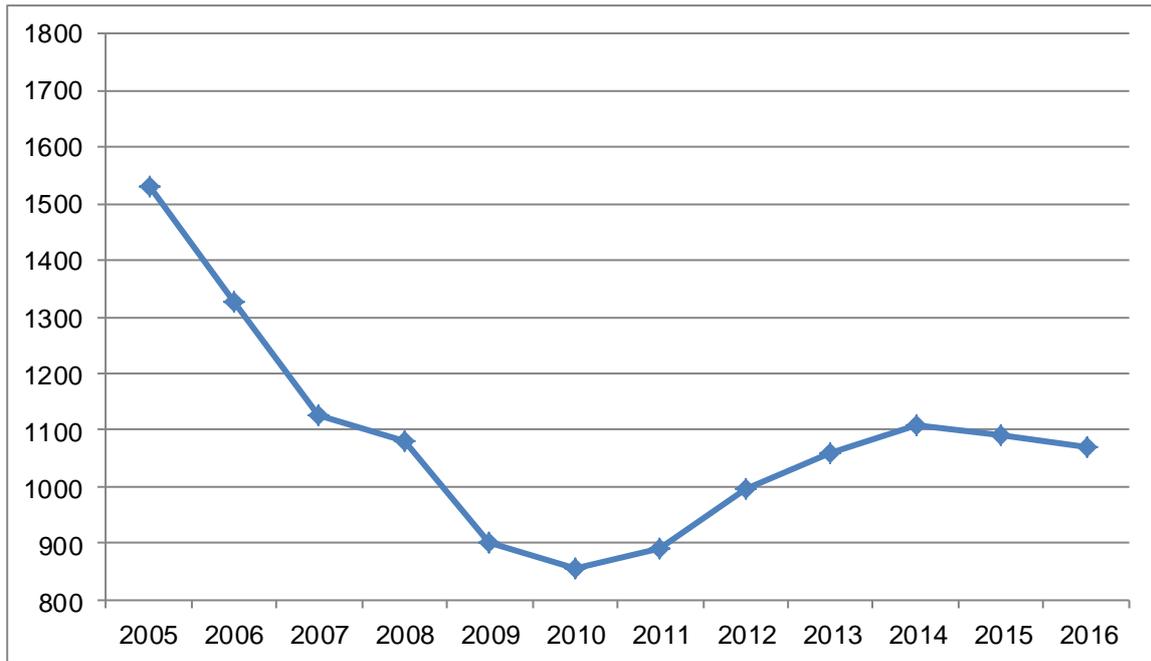


Fig 3.10 Slightly injured casualties on Swindon Borough roads

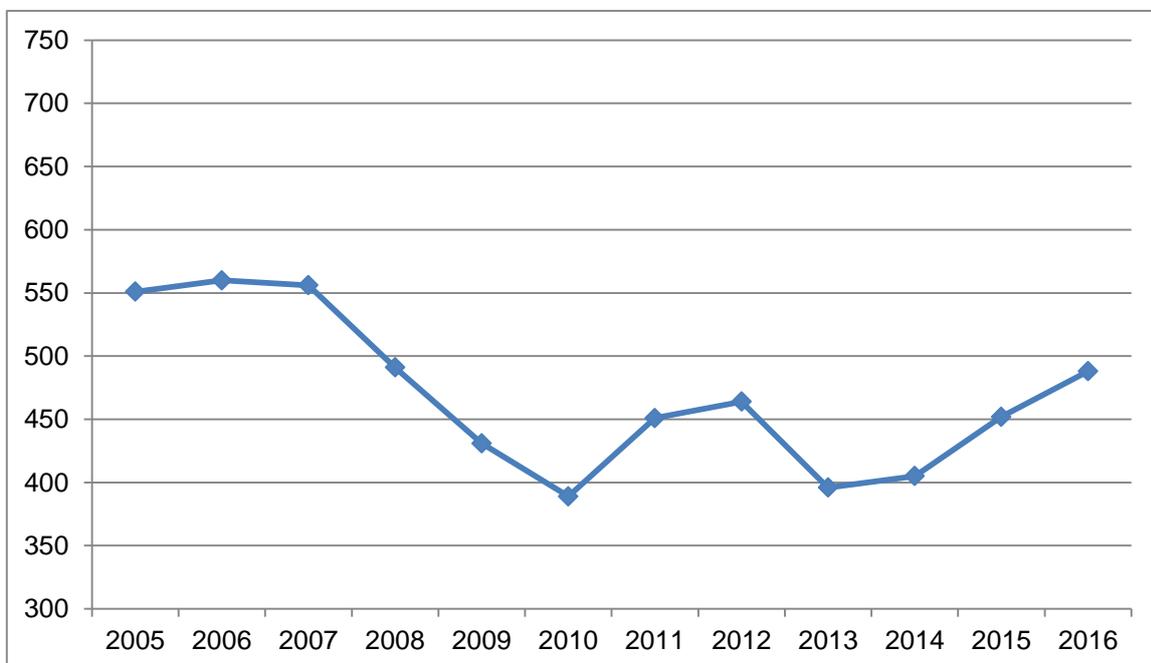
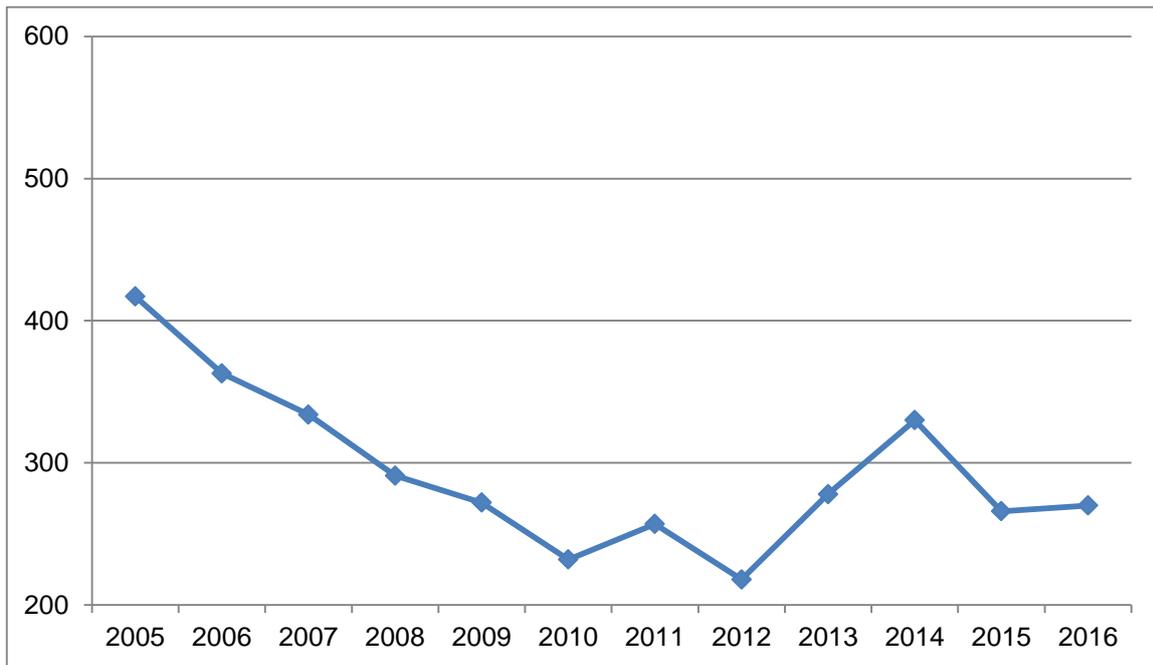


Fig 3.11 Slightly injured casualties on Highway England roads (M4 and Trunk)



Appendix A

Table A1 – Road Safety Education, Training and Publicity

| User group | Agency | By whom | Notes / Action |
|-----------------------------------|-----------------|-----------------------------|--|
| Pre-school education | WC, SBC, Police | RSO, PCSO | In car safety advice given to hospital, antenatal clinics, nurseries, pre-school, children's centres and county registrars and current DfT information leaflet issued. Relating to child car seat and seat belt law. |
| | SBC | RSO | Public child car seat fitting check events National and local road safety publicity |
| Infant, Junior and Primary school | WC, SBC | RSO | Pedestrian training programme for key stage 1 and 2 Wiltshire programme "Walk Safe" for schools Swindon programme "WALKsmart" for schools Wiltshire year 6 programme "Are You Street Wise?" "Junior Good Citizen" open to Year 6 children Training for school crossing patrollers 'Scooter Skills' Training' Road safety and skills training on scooters to encourage school journeys to school other than by car. |
| | WC, SBC | STA, RSO | Assessment of walking route to school Assessment of "Walking Bus" routes Training the volunteers for "Walking Buses" General road safety advice Assessment of parking and safety issues at schools School transport issues including seat belt advice and child in-car safety National and local road safety publicity |
| | RSO, DCE | RSO | Curriculum support and resources made available for key stage 1 – 4 |
| | WC | RSO, Health Promotion, PCSO | School travel planning Safer routes to school Taking action on school journeys "Walk Safe" "WALKsmart" and Bikeability cycle training linked to Wiltshire Healthy Schools. |
| | WC, SBC | NSI | Cycle Training Bikeability training level 1 and 2 |

Table A1 – Road Safety Education, Training and Publicity

| User group | Agency | By whom | Notes / Action |
|-----------------------------|-------------------------|----------------------------------|--|
| Secondary Schools | WC, SBC | RSO | Secondary education programme for road safety |
| | | | Pre-driving training |
| | WC, SBC, Police, D&WFS, | D&WFS Police, RSO, | 'Safe Drive Stay Alive' Programme delivered by joint emergency services to school (16-18 age group) |
| | WC, SBC | RSO, NSI | Bikeability Training levels 2 and 3 |
| | WC, SBC | RSO, DCE | General road safety advice |
| | | RSO | Curriculum support and resources |
| | | RSO | Assessment of safe routes to school |
| | | STPA (WC) | Assessment of traffic, parking and safety issues at schools |
| | | STPA, (WC) | School transport issues and training for bus users |
| | | RSO | School travel plan, advice and road safety publicity |
| | | STPA, (WC) | Safer routes to school |
| | | RSO, LPO | Taking action on school journeys |
| | | RSO, ADI | Under 17 car club – national club, supported by local road policing officers. Demonstration drivers on and off road, assessment of driving skill |
| | WC, SBC, Police | BikeSafe Co-ordinator Police ??? | Swindon Young Drivers – local group of Driving Instructors offering practical experience (off-road) and road safety education for 11-16 year-olds (Supported by SBC) |
| | | | Scooter rider road safety |
| | SBC | Local provider | Wheels Workshop – practical workshop and riding activities targeting 'at risk' young people. (Supported by SBC) |
| Colleges, Further education | WC, SBC, Police, SWAS | RSO, D&WFS, Police, SWAS | 'Safe Drive Stay Alive' |
| | | | Wiltshire partnership for the post 16 transport |
| | | | Drink and Drug driving campaigns |
| | | | Seat belt campaigns |
| | | | Mobile phone and driving campaigns |
| | SBC | RSO | General road safety education at Fresher's events and other events throughout academic year. |

Table A1 – Road Safety Education, Training and Publicity

| User group | Agency | By whom | Notes / Action |
|---|-----------------------|--|---|
| Older road users | WC, SBC | RSO, ADI | Safe Driving with Age (SAGE) driving assessments and advice to help older drivers drive safely on the road. Advice on driving and highway code. National and local road safety publicity |
| Other road users; | | | |
| Scooter riders and motorcyclist | WC, SBC | RSO, PTW training organisation | Scooter rider Campaign |
| Motorcyclists | WC, Police, SBC | RSO, Police motorcyclists | BikeSafe – the ‘Love to Ride... Ride to Live’ scheme supports the best practice initiative, targeting adults, new to or returning to high powered motorcycles and encourages further training. |
| Drivers | WC, Police, SBC | RSO, Police, CJU, ADI | National Driver Alertness Course, drivers receive theory and practical training, in accordance with a national syllabus, to address driving concerns and bring about behavioural change as an alternative to prosecution for careless driving (around 400 drivers per year attend courses) referrals from both Wiltshire and Swindon. |
| | WC, SBC | RSO, ADI | ‘Pass Plus’ to give newly qualified drivers better driving skills. |
| | WC | RSO, ADI | Minibus/MPV driving training and assessment |
| | WC | RSO, ADI | Taxi driver assessments |
| Young learner Drivers | Police, D&WFS,WC, SBC | ADIs | ‘The Honest Truth’ Young Driver Intervention addressing issues which face young drivers and encouraging behaviour change. |
| Adult cyclists | WC | NSI | Adult cyclist – training level 3 (National Standards) Cyclist training level 1 to 3 for health reason |
| Road safety advice | WC, SBC | RSO | Advice given to uniformed organisations |
| Community Speed Watch & Speed Indicator Devices | WC, Police, SBC | RSO, Community Volunteers, Area Boards | Speed Management Strategy - Community Speed Watch and Speed Indicator Devices. |

Table A1 – Road Safety Education, Training and Publicity

| User group | Agency | By whom | Notes / Action |
|---------------------------------------|---------------|---|---|
| Publicity | WC, SBC | RSO, Police, D&WFS, HE | <p>National and local road safety campaigns in support of the DfT road safety calendar and other national and local campaigns. A partnership/multi agency calendar is being agreed to promote campaigns locally.</p> <p>Exhibitions and events throughout Wiltshire to promote road safety. Wiltshire Council road safety guide and other publicity materials and resources</p> <p>Motorway service areas exhibitions: eyesight screening, reaction tester.</p> <p>Presentation to various groups including military, further education colleges, public events. Use made of police crash car, crash bike and road safety trailer</p> |
| National Standard Instructor training | WC | DfT Accredited Instructor Training Organisation (ITO) | <p>Providing accredited training courses to train National standard/Bikeability cyclist instructors. Training provided in Wiltshire and nationally.</p> |

Key to abbreviations

| | |
|-------|--|
| WC | Wiltshire Council |
| SBC | Swindon Borough Council |
| RSO | Road Safety Officer |
| ADI | Approved Driving Instructor |
| LPO | Local Police Officer |
| D&WFS | Dorset and Wiltshire Fire Service |
| DCE | Department for Children and Education |
| DfT | Department for Transport |
| CJU | Criminal Justice Unit |
| SWAS | South Western Ambulance Service |
| HE | Highways England |
| PCSO | Police Community Support Officer |
| PTW | Powered Two Wheelers |
| STA | School Travel Advisor |
| NSI | National Standards Instructor (cycle training) |

Table A2 – Enforcement

| Area of Action | Agency | By Whom | Comments |
|---|--|--|---|
| Drink drive all age groups 16 + | Police | All uniformed patrol officers | Enforcement of Drink drive legislation |
| Speed check all age groups 16 + | Police | Road Policing Officers | Targeted speed enforcement in accordance with Partnership Speed Management Strategy |
| Vehicle checks - LGV/PVC operators and driver - car and light commercial vehicles and drivers | Police, DVSA, Customs and Excise, WC, SBC, Health and safety executive DfT and other | Roads Policing Officers support by other Police officers. Also enforcement officers from other agencies. | Both locally and in support of national operations e.g. 'Operation Mermaid' |
| Seat belt check all age groups | Police | All uniformed officers | Enforcement of seat belt legislation to compliment publicity campaigns. |
| Pedal cycle safety, cyclists – all ages | Police | All uniformed officers | Enforcement and educate as appropriate |
| Vehicle defect rectification scheme all drivers/riders | Police | All uniformed officers | Prosecution follows if scheme is not complied with. |
| Drug driving all age group 16 + | Police | Trained and authorised Police officers | Enforcement of drug driving legislation using drug recognition and field impairment testing techniques in accordance with DfT code of practice. |
| Other area of legislation – all age groups | Police | Roads Policing officers | Road safety partnership strategic assessment, national DfT road safety calendar, ACPO or European enforcement calendar e.g. eyesight testing of drivers, construction and use, lighting offences etc. |

Key to Abbreviations

| | |
|------|--------------------------------------|
| WC | Wiltshire Council |
| SBC | Swindon Borough Council |
| DVSA | Driver & Vehicle Standards Agency |
| LGV | Large Goods Vehicles |
| DfT | Department for Transport |
| ACPO | Association of Chief Police Officers |
| PCV | Passenger Carrying Vehicle |

Table A3 – Highways engineering and maintenance

| Area of Action | Agency | By Whom | Comments |
|--|-------------------------|---|---|
| Safety audits, highway improvements, major maintenance scheme, major development proposals | WC, SBC, Police, Atkins | Traffic, highway engineers, accident investigation engineers, qualified police officers | Schemes checked at various stages from design to implementation. |
| Improvement schemes, injury accident sites | WC, SBC, Police, Atkins | Traffic, highway engineers, qualified police officers | Monitoring of injury accident records used to identify sites/ routes for remedial treatment and bids to government for funding. Engineering measures are targeted at the sites with the worst accident problems |
| Traffic management injury accident sites | WC, SBC, Police, Atkins | Traffic, highway engineers, qualified police officers | As above in accordance with the highway authority policy |
| Highway maintenance programmes, injury accident sites, low skid resistance sites | WC, SBC, Atkins | Highway engineers | Routine and major maintenance programmes use accident data and SCRIM testing to identify sites for treatment, resurfacing etc. |
| Precautionary salting ice and snow | WC, SBC, Atkins | Highway engineers | During the winter month's coordinated precautionary salting system in operation. Approximately 25% of the total length of the county highways network is treated |
| Monitoring Speed | WC, Police, SBC | Suitably qualified persons | Monitor complaints and collision sites for excess speed to produce analysis and intelligence to target speed problems in accordance with the partnership speed management strategy. |

Key of abbreviations

WC Wiltshire Council

SBC Swindon Borough Council

SCRIM Sideway-Force Coefficient Routine Investigation Machines

Further information

Further information on government policies, strategies and targets can be found at:

- ❖ DfT Strategic Framework for Road Safety
<https://www.gov.uk/government/publications/strategic-framework-for-road-safety>

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