



# **Reported Road Casualties Warwickshire**

**Annual Report to 31 December 2018**

**Issue: 1**



*Working for  
Warwickshire*

If this information is difficult to understand we may be able to help by answering your specific questions or by talking with you.

Please contact: e-mail. [rsinfo@warwickshire.gov.uk](mailto:rsinfo@warwickshire.gov.uk)

tel. 01926 412776

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## 1. Introduction

This is the 2018 edition of “*Reported Road Casualties Warwickshire*”. The document presents summary statistics about reported personal injury road accidents in Warwickshire and the associated casualties.

Road collision and casualty data is analysed in detail by Warwickshire County Council and partners to inform and prioritise road safety activity.

### 1.1. Key Findings from Reported Road Casualties Warwickshire

In 2018 there were a total of 1648 casualties of all severities in road accidents in Warwickshire reported to the police, a 14% reduction compared to 2017. There were 35 people killed, a drop of 8% from 2017. There were 355 people were killed or seriously injured, compared to 354 in 2017.

### 1.2 Viewing the document

Many of the charts and tables in this document show the full range of values (e.g. description plus nine year columns) across the page which limits the text size that can be used. The document is intended to be viewed on screen, when the Zoom facilities of the Adobe Acrobat Reader can be used to enlarge charts and/or text as necessary. If printed on A4 size paper some of the text will be below the minimum size recommended for readability.

### 1.3 The data

The figures in the charts and tables refer to personal injury accidents on public roads (including footways) which became known to the police. For each of these accidents the police complete a Collision Report Form, coding some fifty data items in accordance with a national standard defined in the DfT “*STATS20 instructions for the completion of road accident reports from non-CRASH sources – 2011 format*” (available from the DfT web page giving [guidance on the road accidents and safety statistics](#)). This document also defines which incidents should not be recorded, these being:

- a) damage-only accidents, defined as those with no human casualties;
- b) accidents which do not become known to the police or which are reported to the police 30 or more days after their occurrence;
- c) accidents taking place on private roads and other private land;
- d) accidents involving confirmed suicides only.

Various national research (see the articles “*Hospital admissions data on road casualties 2011*”, available from the DfT web page [Road accidents and safety statistics](#)) has indicated that there may well be significant under-reporting of accidents. Very few, if any, fatal accidents are likely to be unreported, but the research shows there is non-reporting of serious & slight accidents, non-recording of some accidents reported to the police and police underestimation of the severity of injuries at the scene of the accident. This suggests that the true number of road casualties may be higher than police data suggests. The police data is however, the most detailed, complete and reliable single source of information on road casualties.

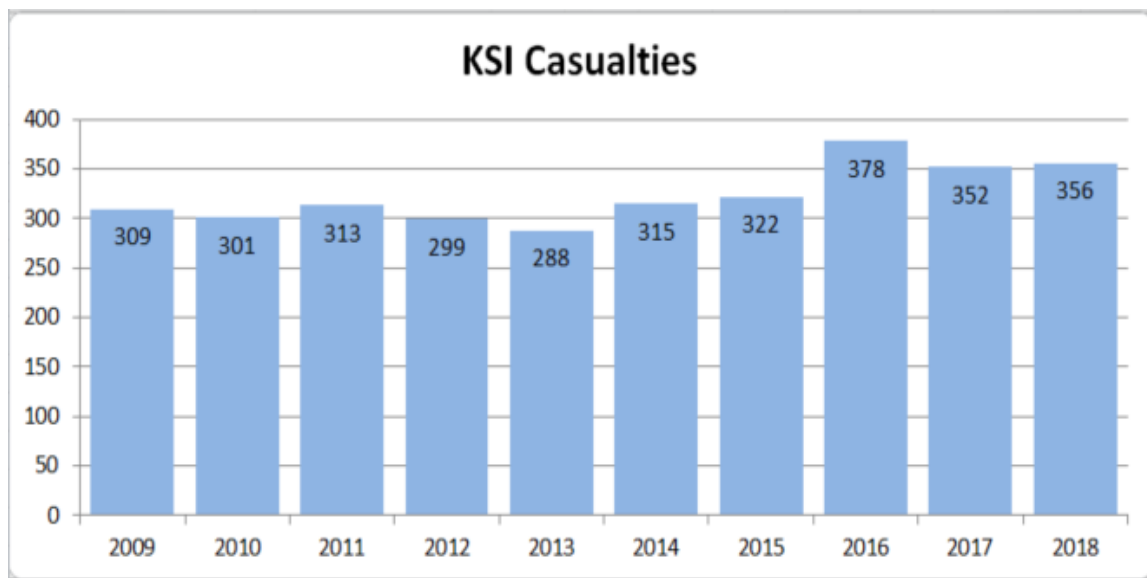
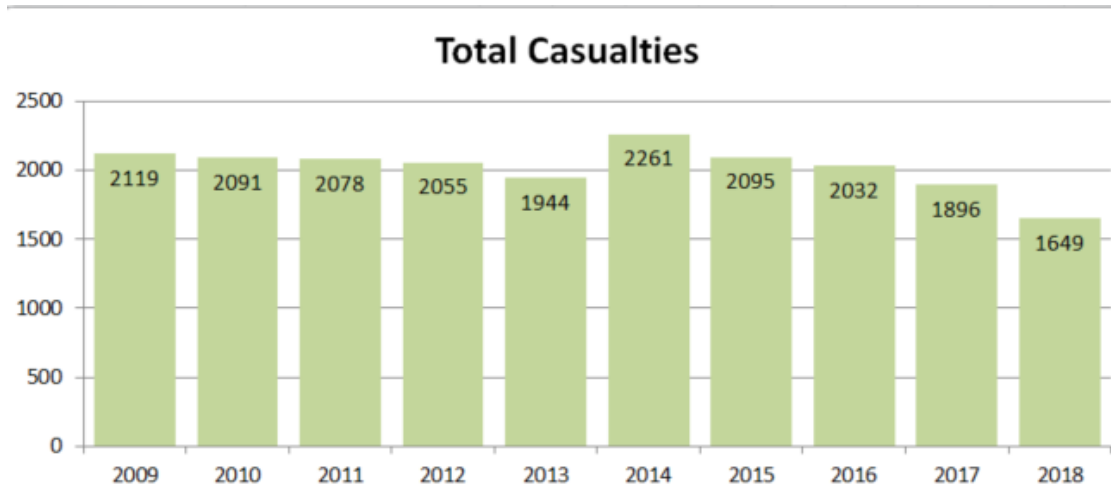
None of the research projects into under reporting provide us with any results that can be applied to Warwickshire.

**1.4 Additional notes:**

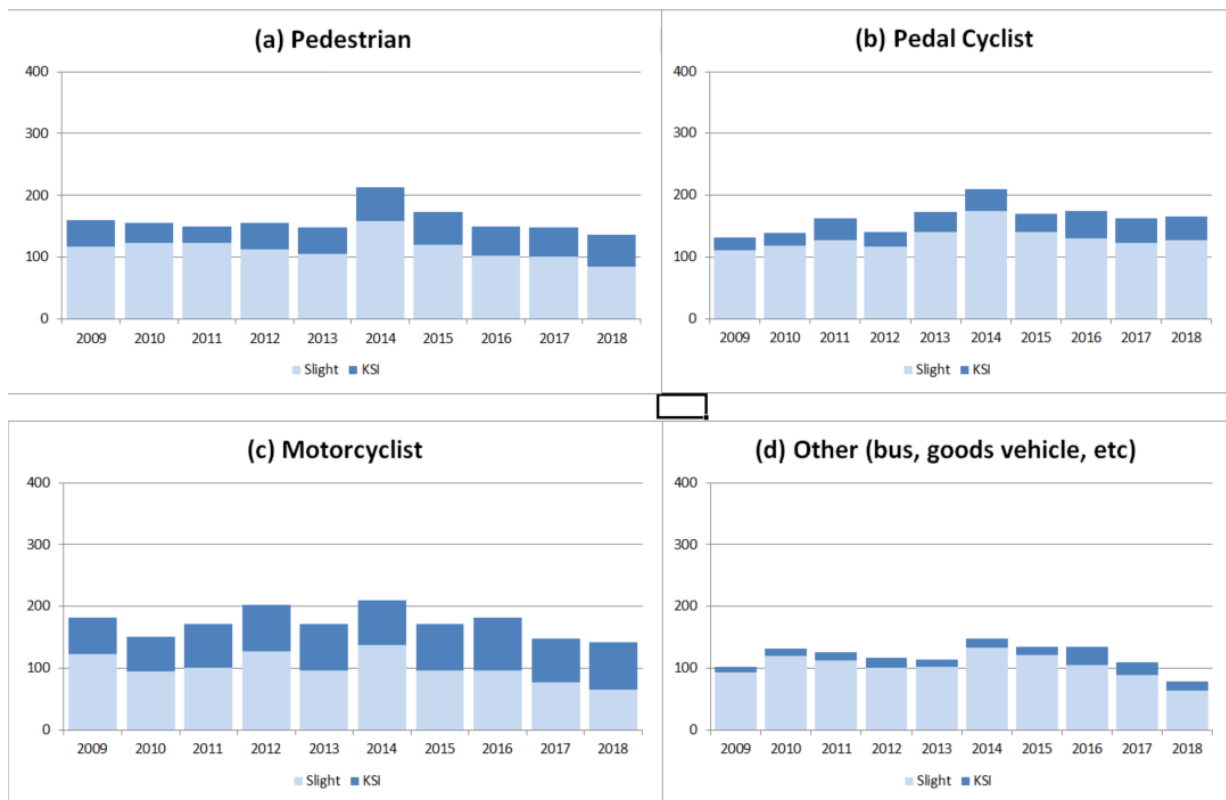
- a) In order to maintain readability of the charts and tables a maximum of 10 years is shown.
- b) This report includes collisions and casualties which occurred on motorways and other trunk roads for which the Highways Agency, rather than the County Council, is the highway authority. In the charts and tables 'trunk roads' is used to mean trunk roads other than motorways and 'A roads' is used to mean A roads other than trunk roads.
- c) Appendix A to this report contains definitions of the main terms used in the charts and tables.
- d) All of the analysis is based on data coded in accordance with the DfT STATS20 document which is updated and changed at approximately five year intervals.
- e) A number of the charts (2.5 to 2.8) provide five year average figures, the total number in five years divided by five in order to give a clear picture of the overall trend in Warwickshire. Comparative data for 2013 is contained within the tables.

## 2. Charts

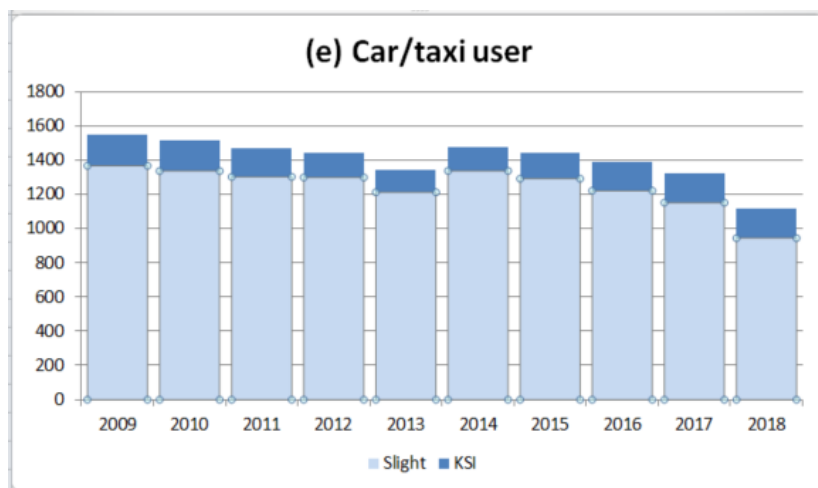
### 2.1 Warwickshire's Progress in Reducing Casualties



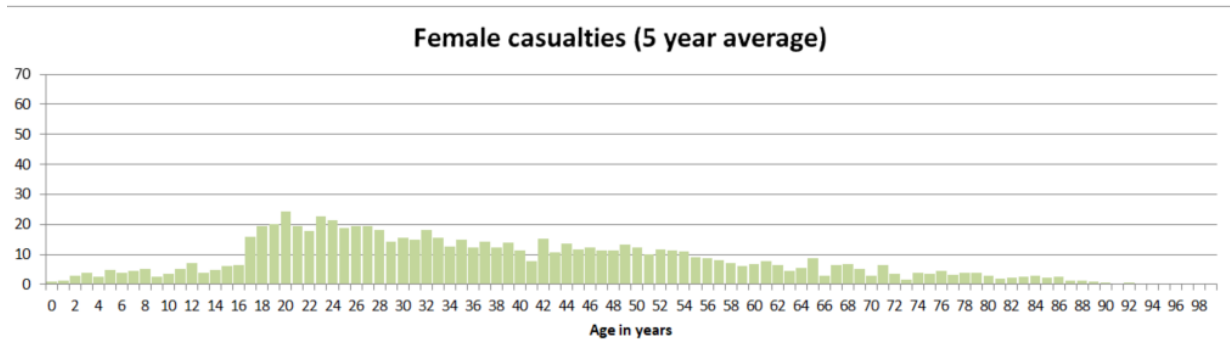
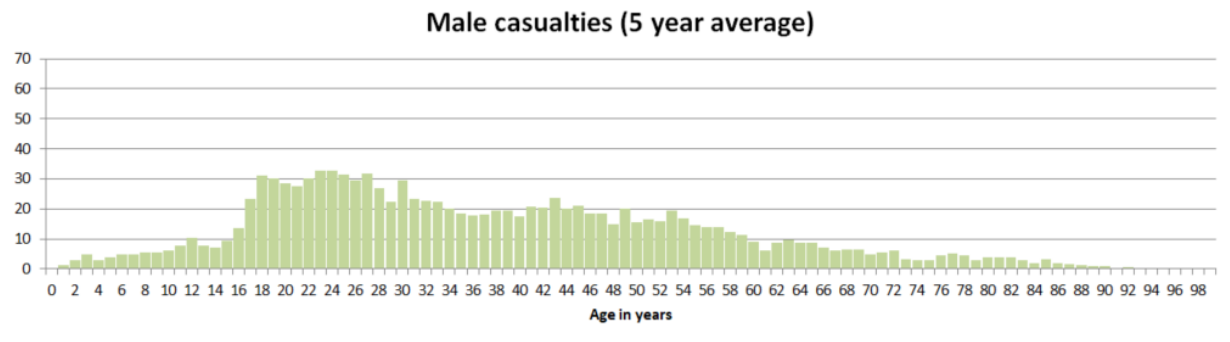
## 2.2 Casualty Trend by Road User Group



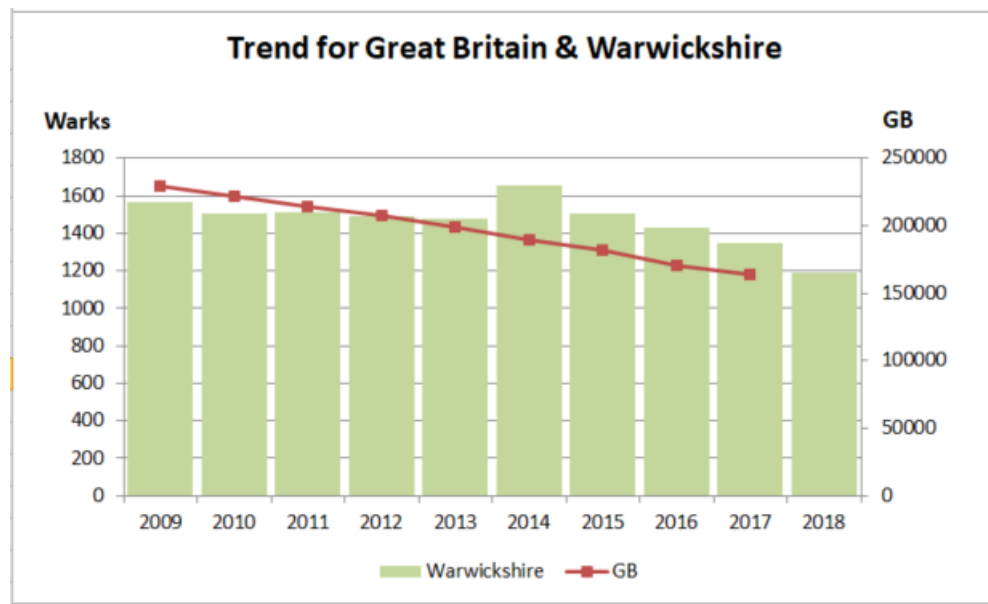
Note that the scale of the vertical axis on the following chart differs from the four above.



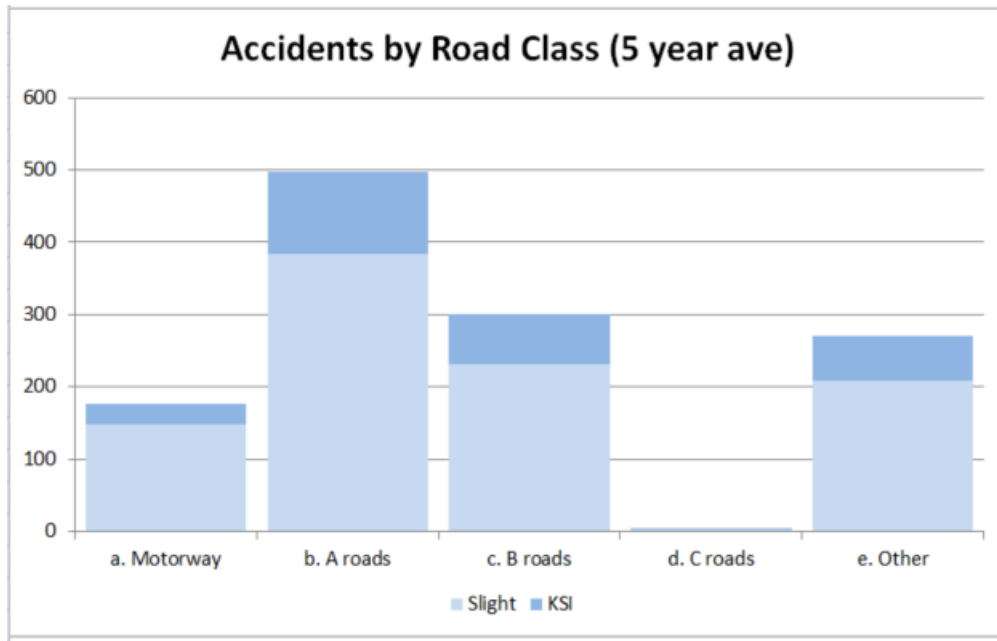
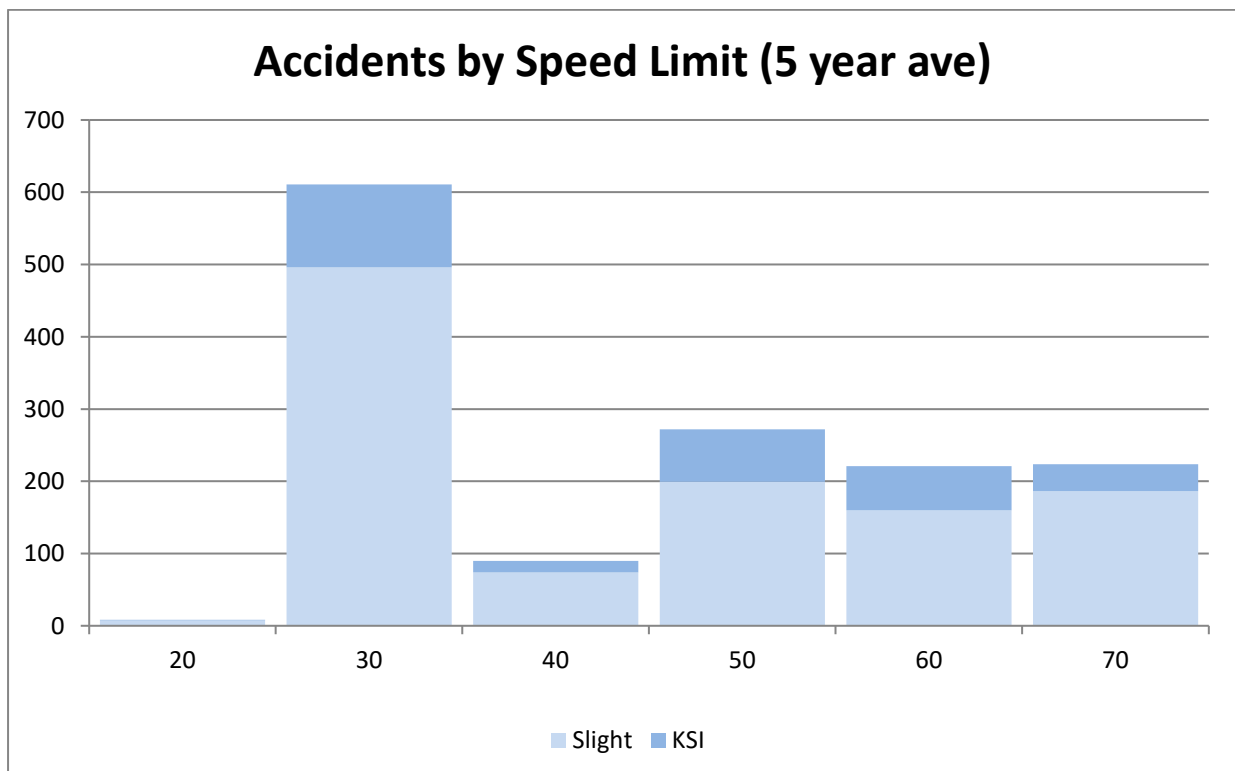
## 2.3 Casualties by Age and Gender (5 year averages)



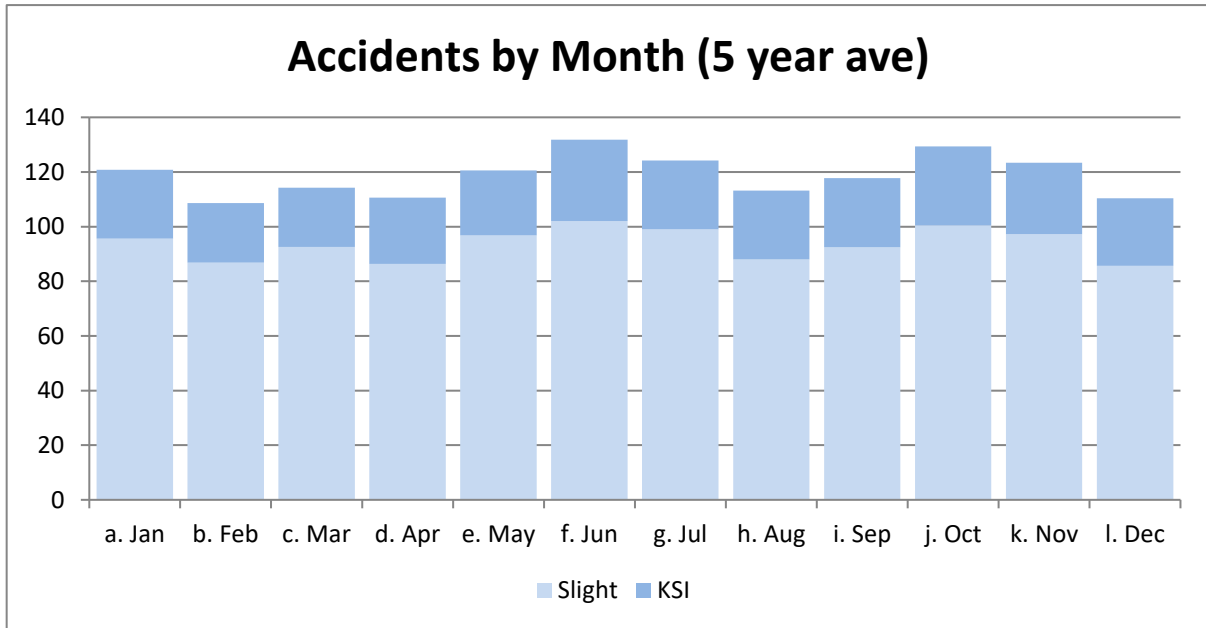
## 2.4 Overall Accident Trends



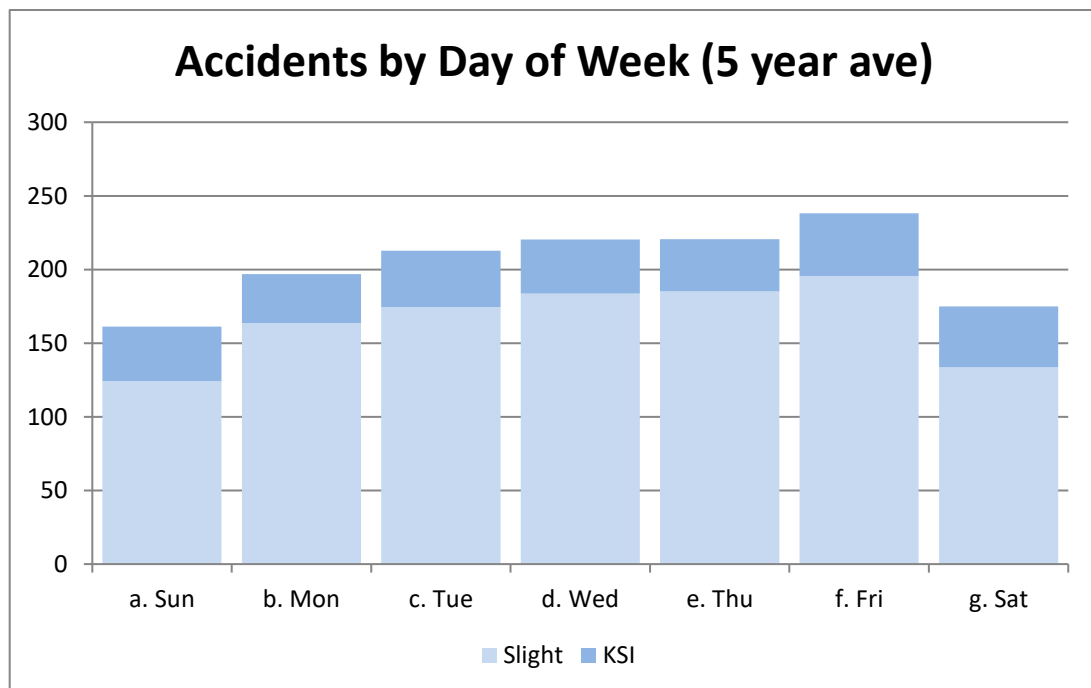


**2.5(a) Accidents by Road Class (5 year averages)****2.5(b) Accidents by Speed Limit (5 year averages)**

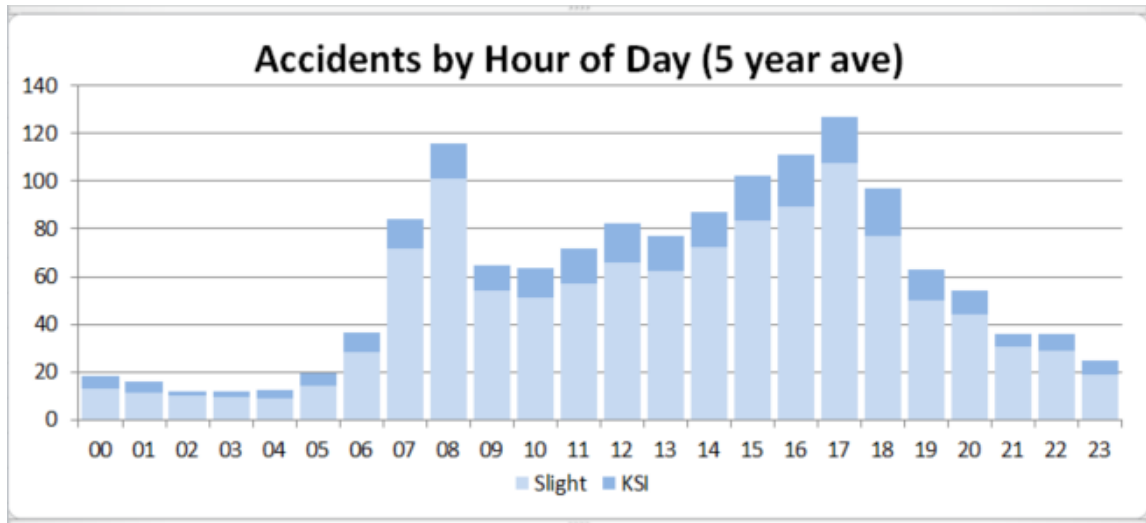
## 2.6 Accidents by Month (5 year averages)



## 2.7 Accidents by Day of Week (5 year averages)



## 2.8 Accidents by Time of Day (5 year averages)



### 3. Tables

#### 3.1 Accident Trends

<b>(a) Number of Accidents (all severities)</b>										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Great Britain</b>	163554	154414	151474	145571	138660	146322	140056	136621	129982	-
<b>Warwickshire</b>										
Fatal	26	23	30	26	21	27	29	24	33	33
Serious	239	240	244	232	247	257	251	313	264	280
Slight	1301	1243	1234	1230	1211	1369	1224	1091	1051	879
Total all severities	1566	1506	1508	1488	1479	1653	1504	1428	1348	1192
<b>By District</b>										
a. North Warwickshire	274	294	314	279	295	266	315	274	285	246
b. Nuneaton & Bedworth	278	279	249	221	253	306	225	233	208	184
c. Rugby	313	261	271	307	267	361	331	305	270	211
d. Stratford	355	365	339	358	342	397	329	313	263	288
e. Warwick	346	307	335	323	322	323	303	300	321	263
<b>(b) Number of Accidents (KSI)</b>										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Great Britain</b>	24054	22171	22783	22538	21232	22334	21654	23420	24210	
<b>Warwickshire</b>										
Total KSI	265	263	274	258	268	284	280	337	297	313
<b>By District</b>										
a. North Warwickshire	43	53	55	54	54	42	48	55	70	54
b. Nuneaton & Bedworth	54	39	41	41	41	55	32	44	41	45
c. Rugby	48	50	54	48	41	61	73	72	61	55
d. Stratford	65	78	80	69	83	85	80	89	63	92
e. Warwick	55	43	44	46	49	41	47	76	62	67

### 3.2 Accidents by Month (5 year averages)

	Fatal	Serious	Slight	Total
a. Jan	2.4	22.8	95.6	120.8
b. Feb	2.2	19.6	86.8	108.6
c. Mar	1.4	20.2	92.6	114.2
d. Apr	1.8	22.4	86.4	110.6
e. May	2.0	21.8	96.8	120.6
f. Jun	3.2	26.6	102.0	131.8
g. Jul	2.8	22.4	99.0	124.2
h. Aug	1.2	24.0	88.0	113.2
i. Sep	3.8	21.6	92.4	117.8
j. Oct	4.0	25.0	100.4	129.4
k. Nov	2.0	24.2	97.2	123.4
l. Dec	2.4	22.4	85.6	110.4
<b>Total</b>	<b>29.2</b>	<b>273.0</b>	<b>1122.8</b>	<b>1425.0</b>

### 3.3 Accidents by Day of Week (5 year averages)

	Fatal	Serious	Slight	Total
a. Sun	4.6	37.2	119.4	161.2
b. Mon	2.8	36.4	157.6	196.8
c. Tue	3.6	38.2	171.0	212.8
d. Wed	4.0	37.2	179.2	220.4
e. Thu	4.6	38.0	178.0	220.6
f. Fri	3.2	45.6	189.4	238.2
g. Sat	6.4	40.4	128.2	175.0
<b>Total</b>	<b>29.2</b>	<b>273.0</b>	<b>1122.8</b>	<b>1425.0</b>

### 3.4 Accidents by Hour of Day (5 year averages)

	Fatal	Serious	Slight	Total
00:00 - 00:59	1.4	3.8	12.8	18.0
01:00 - 01:59	0.6	5.2	10.4	16.2
02:00 - 02:59	0.4	2.6	9.0	12.0
03:00 - 03:59	1.0	2.0	8.8	11.8
04:00 - 04:59	1.8	2.2	8.4	12.4
05:00 - 05:59	0.4	5.0	13.8	19.2
06:00 - 06:59	0.4	8.4	27.6	36.4
07:00 - 07:59	0.6	13.6	70.2	84.4
08:00 - 08:59	0.8	16.2	98.6	115.6
09:00 - 09:59	1.8	10.0	53.2	65.0
10:00 - 10:59	1.4	12.6	49.4	63.4
11:00 - 11:59	2.2	13.8	55.8	71.8
12:00 - 12:59	1.2	17.6	63.4	82.2
13:00 - 13:59	1.8	15.2	60.2	77.2
14:00 - 14:59	1.6	16.2	69.2	87.0
15:00 - 15:59	1.0	19.8	81.8	102.6
16:00 - 16:59	2.0	22.2	87.2	111.4
17:00 - 17:59	2.2	19.8	104.8	126.8
18:00 - 18:59	1.2	22.6	73.4	97.2
19:00 - 19:59	1.6	13.6	47.8	63.0
20:00 - 20:59	1.6	10.8	42.0	54.4
21:00 - 21:59	0.4	6.0	29.6	36.0
22:00 - 22:59	1.0	7.2	27.8	36.0
23:00 - 23:59	0.8	6.6	17.6	25.0
<b>Total</b>	<b>29.2</b>	<b>273.0</b>	<b>1122.8</b>	<b>1425.0</b>

### 3.5(a) Accidents by Road Class (5 year averages)

	Fatal	Serious	Slight	Total
<b>Road Class</b>				
a. Motorway	5.2	22.2	149.0	176.4
b. A roads	11.4	101.4	384.4	497.2
c. B roads	7.0	62.2	231.6	300.8
d. C roads	0.0	0.8	2.6	3.4
e. Other	3.8	57.4	209.2	270.4
<b>Total</b>	<b>27.4</b>	<b>244.0</b>	<b>976.8</b>	<b>1248.2</b>

### 3.5(b) Accidents by Speed Limit (5 year averages)

	Fatal	Serious	Slight	Total
<b>Speed Limit</b>				
20	0.2	0.8	7.2	8.2
30	5.6	108.8	496.2	610.6
40	1.4	14.4	74.0	89.8
50	9.0	64.0	199.0	272.0
60	6.4	54.6	160.0	221.0
70	6.6	30.4	186.4	223.4
<b>Total</b>	<b>29.2</b>	<b>273.0</b>	<b>1122.8</b>	<b>1425.0</b>

## 3.6(a) Casualty Trends - all severities

<b>(a) Number of Casualties (all severities)</b>										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Great Britain</b>	222146	208648	203950	195723	183670	194477	186189	181384	170993	-
<b>Warwickshire</b>										
Fatal	27	25	33	28	23	28	32	25	38	35
Serious	282	276	280	271	265	287	290	353	314	320
Slight	1810	1790	1765	1756	1656	1946	1773	1654	1544	1293
Total	0	0	0	0	0	0	0	0	0	1
<b>By District</b>										
a. North Warwickshire	390	432	475	407	411	392	468	432	437	361
b. Nuneaton & Bedworth	350	347	306	284	319	388	293	317	285	225
c. Rugby	429	372	376	410	338	491	443	425	364	285
d. Stratford	486	509	460	526	457	564	466	459	382	415
e. Warwick	464	431	461	428	419	426	424	394	427	363
<b>By Road User Type</b>										
a. Pedestrian	159	155	149	155	147	213	173	149	148	136
b. Pedal cycle	131	139	163	140	173	209	170	174	163	166
c. Motorcycle	182	150	171	202	171	209	172	182	147	142
d. Car / taxi	1545	1516	1469	1442	1339	1472	1441	1392	1321	1117
e. Minibus / coach	25	43	27	25	18	12	19	25	9	7
f. LGV	45	50	55	63	62	91	73	6	1	0
g. HGV	26	29	27	27	23	36	37	93	87	63
h. Other vehicle	6	9	17	1	11	9	6	11	13	8
<b>By Age Group</b>										
0-15	159	183	144	144	124	175	121	162	169	117
16-29	766	782	731	727	662	760	703	688	604	487
30-59	935	899	950	860	857	1023	977	915	885	774
60+	259	227	253	246	225	292	291	262	232	270
Unknown	0	0	0	78	76	11	3	5	6	1
<b>Child Casualties</b>										
Fatal	1	0	1	0	2	1	1	1	2	3
Serious	13	24	16	21	16	19	18	26	22	18
Slight	145	159	127	123	106	155	102	135	145	96
<b>Child Casualty Road User Type</b>										
a. Pedestrian	39	50	44	43	37	46	39	41	44	36
b. Pedal cycle	18	30	24	17	15	36	21	26	25	19
c. Motorcycle	2	1	2	3	0	0	0	1	2	1
d. Car / taxi	96	85	64	70	68	88	59	93	94	60
e. Minibus / coach	2	17	5	10	2	2	1	0	1	0
f. LGV	1	0	4	1	2	2	0	0	0	0
g. HGV	0	0	1	0	0	0	1	1	2	1
h. Other vehicle	1	0	0	0	0	1	0	0	0	0

## 3.6(b) Casualty Trends - KSI

(b) Number of Casualties (KSI)										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Great Britain</b>	26912	24510	25023	24793	23370	24582	23869	25893	26624	-
<b>Warwickshire</b>										
Fatal	27	25	33	28	23	28	32	25	38	35
Serious	282	276	280	271	265	287	290	353	314	320
Total	0	0	0	0	0	0	0	0	0	1
<b>By District</b>										
a. North Warwickshire	50	57	64	65	61	47	52	61	87	63
b. Nuneaton & Bedworth	59	40	46	42	45	59	34	44	44	48
c. Rugby	67	63	61	54	44	67	84	83	71	62
d. Stratford	73	89	91	89	89	98	94	104	79	109
e. Warwick	60	52	51	49	49	44	58	85	71	74
<b>By Road User Type</b>										
a. Pedestrian	43	33	26	42	42	55	53	47	47	52
b. Pedal cycle	20	21	36	24	32	35	29	44	40	39
c. Motorcycle	59	55	70	75	75	72	76	86	70	77
d. Car / taxi	178	180	167	143	127	135	150	171	170	173
e. Minibus / coach	1	3	3	4	1	3	1	4	0	5
f. LGV	2	6	8	8	7	6	4	1	1	0
g. HGV	4	3	2	3	2	6	8	21	15	9
h. Other vehicle	2	0	1	0	2	0	1	4	6	1
<b>By Age Group</b>										
0-15	14	24	17	21	18	20	19	27	24	21
16-29	98	112	121	101	106	98	100	111	114	100
30-59	153	119	135	123	121	140	139	174	149	153
60+	44	46	40	46	38	57	63	66	65	82
Unknown	0	0	0	8	5	0	1	0	0	0
<b>Child Casualties</b>										
Fatal	1	0	1	0	2	1	1	1	2	3
Serious	13	24	16	21	16	19	18	26	22	18
<b>Child Casualty Road User Type</b>										
a. Pedestrian	7	13	6	13	11	9	11	10	10	10
b. Pedal cycle	1	2	4	2	2	6	1	7	3	2
c. Motorcycle	2	0	2	2	0	0	0	1	2	1
d. Car / taxi	4	8	5	4	5	4	6	8	8	7
e. Minibus / coach	0	1	0	0	0	1	0	0	0	0
f. LGV	0	0	0	0	0	0	0	0	0	0
g. HGV	0	0	0	0	0	0	1	1	0	1
h. Other vehicle	0	0	0	0	0	0	0	0	0	0



### 3.7 Breath Tests on Drivers after Accidents

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Positive (including refusals)</b>										
Male	61	56	84	56	44	43	53	48	45	40
Female	13	17	13	9	11	16	12	17	12	10
<b>Total</b>	<b>74</b>	<b>73</b>	<b>97</b>	<b>65</b>	<b>55</b>	<b>59</b>	<b>65</b>	<b>65</b>	<b>57</b>	<b>50</b>
<b>Negative</b>										
Male	1044	1065	1036	934	907	1044	1083	952	966	782
Female	450	447	427	401	412	473	442	386	385	341
<b>Total</b>	<b>1494</b>	<b>1512</b>	<b>1463</b>	<b>1335</b>	<b>1319</b>	<b>1517</b>	<b>1525</b>	<b>1338</b>	<b>1351</b>	<b>1123</b>
<b>Total tested</b>										
Male	1105	1121	1120	990	951	1087	1136	1000	1011	822
Female	463	464	440	410	423	489	454	403	397	351
<b>Total</b>	<b>1568</b>	<b>1585</b>	<b>1560</b>	<b>1400</b>	<b>1374</b>	<b>1576</b>	<b>1590</b>	<b>1403</b>	<b>1408</b>	<b>1173</b>

## Appendix A: Definitions

The terms used in this report are generally the same as those used in “Reported Road Casualties Great Britain” (RRCGB) issued by the DfT. Most of the differences relate to entries in the DfT definitions that include comments or references to particular tables in RRCGB.

Some road safety professionals use the term "collision" rather than "accident" on the basis that "accident" implies an unavoidable event and so fails to indicate that many are caused by human error. This report follows the conventions in RRCGB which uses "accident".

The definitions relevant to this report are given below.

<i>Accident:</i>	Involves personal injury occurring on the public highway (including footways) in which at least one road <i>vehicle</i> or a <i>vehicle</i> in collision with a <i>pedestrian</i> is involved and which becomes known to the police within 30 days of its occurrence. The <i>vehicle</i> need not be moving, and accidents involving stationary vehicles and pedestrians or users are included. One accident may give rise to several <i>casualties</i> . “Damage-only” accidents are not included in this publication.
<i>Adults:</i>	Persons aged 16 years and over (except where otherwise stated).
<i>Agricultural vehicles:</i>	Mainly comprises agricultural tractors (whether or not towing), but also includes mobile excavators and front dumpers.
<i>Buses and coaches:</i>	Buses or coaches equipped to carry 17 or more passengers, regardless of use.
<i>Cars:</i>	Includes <i>taxis</i> , estate cars, three- and four-wheel cars and minibuses. Also includes motor caravans prior to 1999.
<i>Casualty:</i>	A person <i>killed</i> or <i>injured</i> in an <i>accident</i> . Casualties are sub-divided into <i>killed</i> , <i>seriously injured</i> and <i>slightly injured</i> .
<i>Children:</i>	Persons under 16 years of age (except where otherwise stated).
<i>DfT:</i>	Department for Transport.
<i>Drivers:</i>	Persons in control of <i>vehicles</i> other than <i>pedal cycles</i> , <i>motorcycles</i> and ridden animals (see <i>riders</i> ). Other occupants of <i>vehicles</i> are <i>passengers</i> .
<i>Failed breath test:</i>	<i>Drivers</i> or <i>riders</i> who were tested with a positive result, or who failed or refused to provide a specimen of breath.
<i>Fatal accident:</i>	An accident in which at least one person is <i>killed</i> .
<i>Goods vehicles:</i>	These are divided into two groups according to vehicle weight: <i>Heavy goods vehicles (HGV)</i> and <i>Light goods vehicles (LGV)</i> . They include tankers, tractor units without their semi-trailers, trailers, articulated vehicles and pick-up trucks.
<i>Heavy goods vehicles (HGV):</i>	Goods vehicles over 3.5 tonnes maximum permissible gross vehicle weight (gvw).
<i>Injury accident:</i>	An <i>accident</i> involving human injury or death.
<i>Killed:</i>	Human casualties who sustained injuries which caused death less than 30 days after the <i>accident</i> . Confirmed suicides are excluded.
<i>KSI:</i>	<i>Killed</i> or <i>seriously injured</i> .

*Light goods vehicles (LGV):* Goods vehicles, mainly vans (including car derived vans), not over 3.5 tonnes maximum permissible gross vehicle weight.

*Motorcycles:* Two-wheel motor vehicles, including mopeds, motor scooters and motor cycle combinations.

*Motorways:* Motorway and A(M) roads.

*Other roads:* All B, C and unclassified roads, unless otherwise noted.

*Other vehicles:* Other motor *vehicles* include ambulances, fire engines, trams, refuse *vehicles*, road rollers, *agricultural vehicles*, excavators, mobile cranes, electric scooters and motorised wheelchairs etc, except where otherwise stated. Other non-motor *vehicles* include those drawn by an animal, ridden horses, wheelchairs without a motor, street barrows etc., except where otherwise stated. In certain tables "*other vehicles*" may also include *buses and coaches* and/or *goods vehicles*, as indicated in a footnote.

*Passengers:* Occupants of *vehicles*, other than the person in control (the *driver* or *rider*). Includes pillion passengers.

*Pedal cycles:* Includes tandems, tricycles and toy cycles ridden on the carriageway. This includes cycles with battery assistance with a maximum speed of 15mph.

*Pedal cyclists:* *Riders* of *pedal cycles*, including any *passengers*.

*Pedestrians:* Includes children riding toy cycles on the footway, persons pushing bicycles, pushing or pulling other *vehicles* or operating pedestrian-controlled *vehicles*, those leading or herding animals, children in prams or buggies, and people who alight safely from *vehicles* and are subsequently injured.

*Riders:* Persons in control of *pedal cycles*, *motorcycles* or ridden animals. Other occupants of these *vehicles* are *passengers*.

*Road users:* Pedestrians and vehicle riders, drivers and passengers.

*Serious accident:* One in which at least one person is seriously injured but no person (other than a confirmed suicide) is *killed*.

*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 they are detained in hospital: fractures, concussion, internal injuries, crushings, burns (excluding friction burns), severe cuts, severe general shock requiring medical treatment and injuries causing death 30 or more days after the *accident*. An injured *casualty* is recorded as *seriously* or *slightly injured* by the police on the basis of information available within a short time of the *accident*. This generally will not reflect the results of a medical examination, but may be influenced according to whether the casualty is hospitalised or not. Hospitalisation procedures will vary regionally.

*Severity:* Of an *accident*, the severity of the most severely injured *casualty* (either *fatal*, *serious* or *slight*). Of a *casualty*: *killed*, *seriously injured* or *slightly injured*.

*Slight accident:* One in which at least one person is *slightly injured* but no person is *killed* or *seriously injured*.

- Slight injury:* An injury of a minor character such as a sprain (including neck whiplash injury), bruise or cut which are not judged to be severe, or slight shock requiring roadside attention. This definition includes injuries not requiring medical treatment.
- Speed limits:* Permanent speed limits applicable to the roadway.
- Taxi:* Any vehicle operating as a hackney carriage, regardless of construction, and bearing the appropriate district council or local authority hackney carriage plates. Also includes private hire cars.
- Users of a vehicle:* All occupants, i.e. *driver* (or *rider*) and *passengers*, including persons injured while boarding or alighting from the *vehicle*.
- Vehicles:* Vehicles (except *taxis*) are classified according to their structural type and not according to their employment or category of licence at the time of an *accident*.
- Vehicles involved in accidents:* *Vehicles* whose *drivers* or *passengers* are injured, which hit and injure a *pedestrian* or another *vehicle* whose *driver* or *passengers* are injured, or which contribute to the *accident*. *Vehicles* which collide, after the initial *accident* which caused injury, are not included unless they aggravate the degree of injury or lead to further *casualties*. Includes *pedal cycles* ridden on the footway.

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