



Leeds City Council, Highways & Transportation,
Transport Policy

Transport Strategy, 8th Floor East, Merrion
House, 110 Merrion Centre, Leeds LS2 8BB

Email: accident.studies@leeds.gov.uk

Reported Road Casualties in 2020

Report to Senior Management Team (SMT)

Release date: 15 June 2020

EXECUTIVE SUMMARY – CALDERDALE DISTRICT

West Yorkshire County in 2020: Summary of Findings

Overall, fewer casualties were recorded on West Yorkshire's roads in 2020 compared to the previous year, and the total recorded is the lowest ever for the county, consolidating the overall downward trend of the most recent five years. The reduced number of casualties covers all the road user categories.

The 2020 overall casualty figures greatly reduced in West Yorkshire compared to 2019 totals from 4,786 to 3,559, partly due to the COVID-19 pandemic and resulting reduction in traffic levels due to the government lockdowns imposed upon the UK since March 2020. In 2019 the KSI was 831 and in 2020 fell to 652, a reduction of 22%. The county therefore fell below the target point (752) along the ideal trajectory towards the 2027 KSI target (515).

The vulnerable road user (VRU) group comprises of pedestrians (45%), cyclists (30%) and motorbike riders (25%), together, these, aggregated the highest share of high severity casualties (59% in 2020). The number of vulnerable road users who were killed or seriously injured decreased by 27% from 534 in 2019 to 388 in 2020, thanks to fewer pedestrians and motorbike riders injured in 2020.

Calderdale District in 2020: At a glance

The overall casualties in Calderdale have reduced by 27% since 2019 and is the lowest casualty total in 20 years. Over the last five years between 2016-2020 there has been a large decrease in RTC's with 2020 totals over half of 2016's. This trend in decreasing casualties has been further exacerbated in 2020 due to the COVID-19 pandemic and resulting reduction in traffic levels throughout most of 2020.

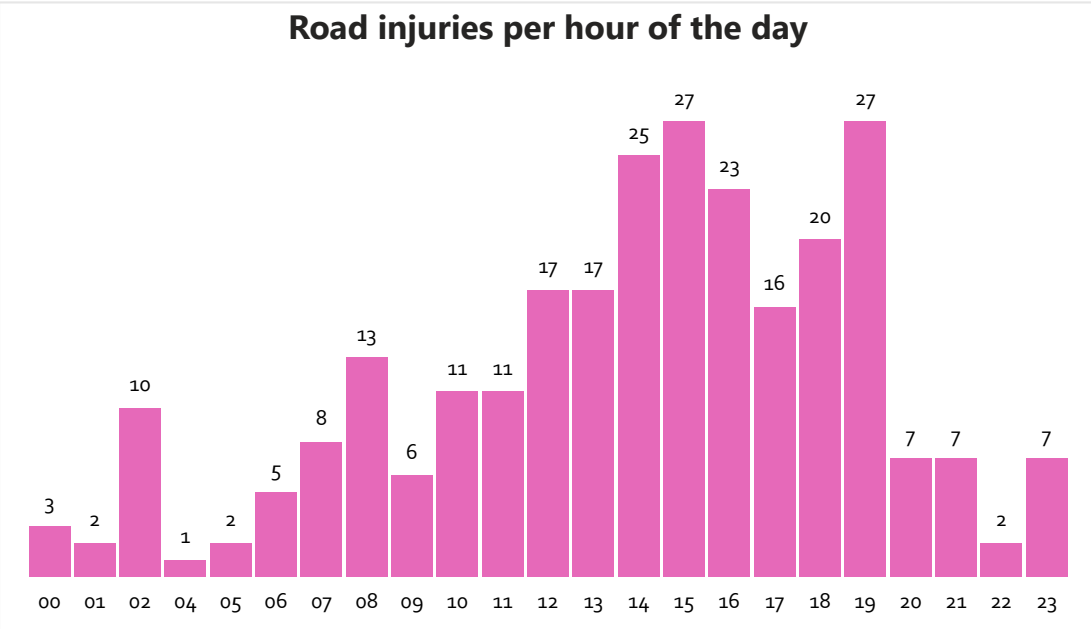
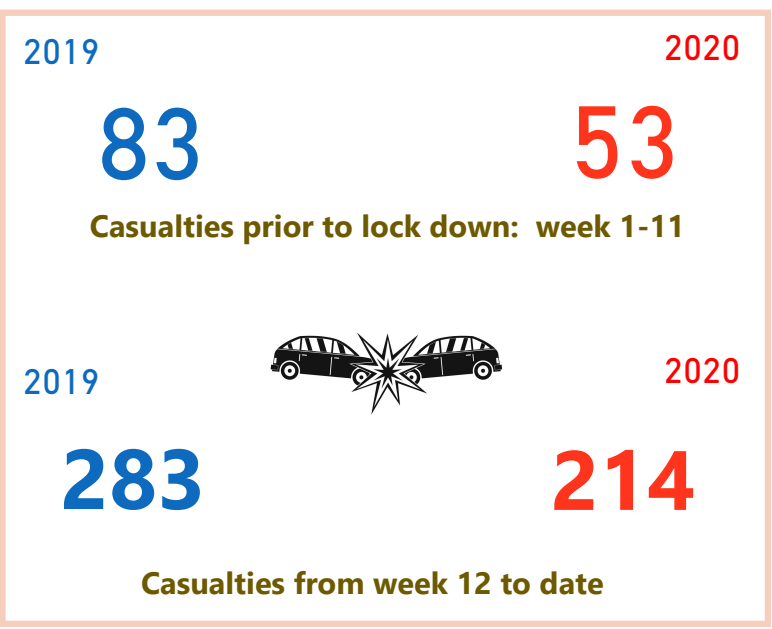
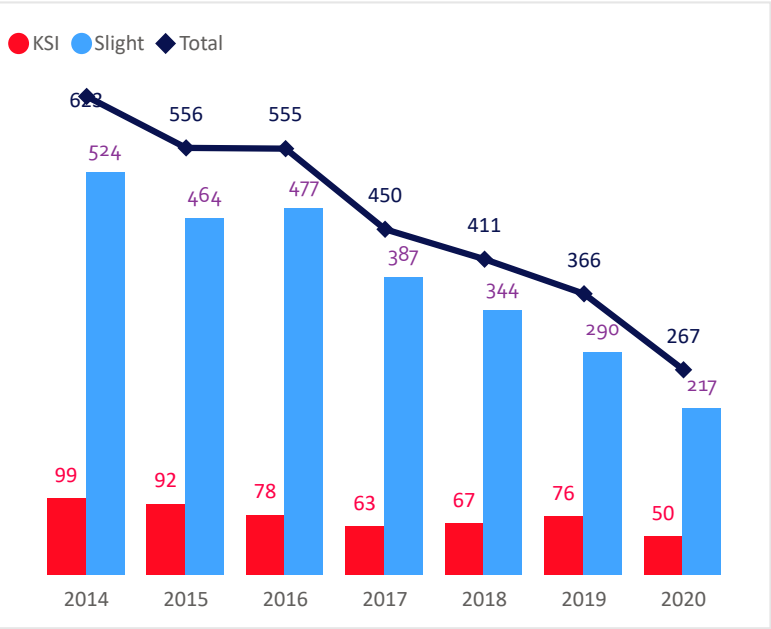
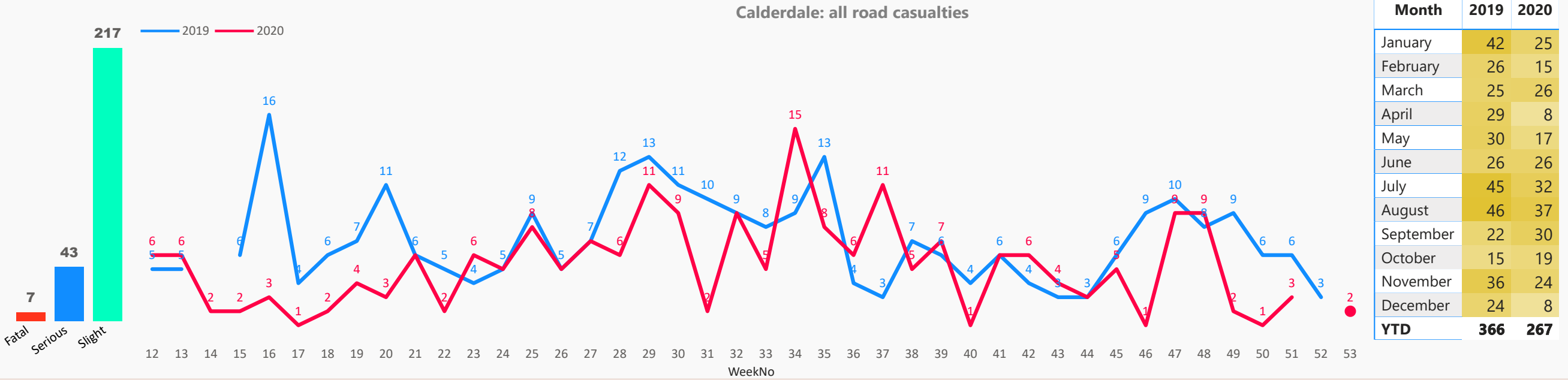
The KSI trend over the last 3 years is slowly decreasing, despite the slight increase in 2018 and 2019. In 2020, vulnerable road users (pedestrians, cyclists, and motorbike riders) still account for a large proportion of all RTC's and KSI's, 54% and 37% respectively. The number of RTC's in the vulnerable road users group decreased by 14% in 2020. Moreover, the number of those KSI among the most vulnerable road users has improved by 37% in 2020. Collisions resulting in high severity injuries to all road users, but mostly to vulnerable road users, remain a priority and need to be actively and appropriately addressed.

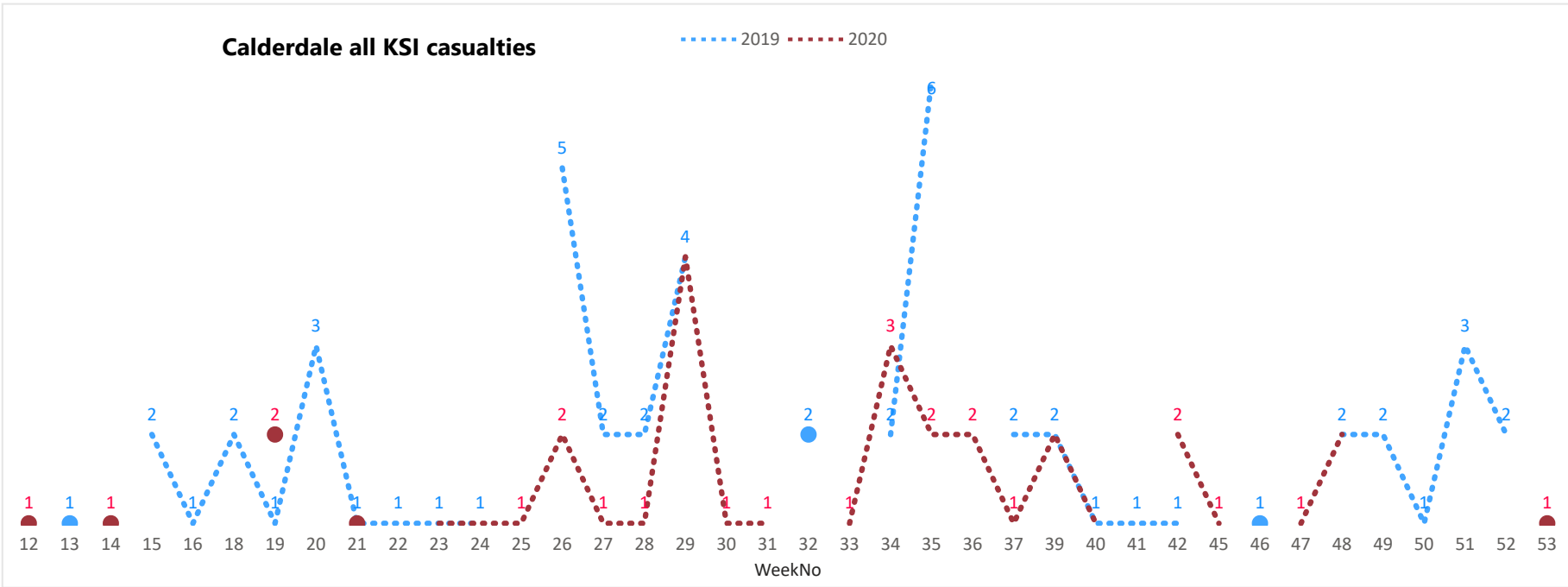
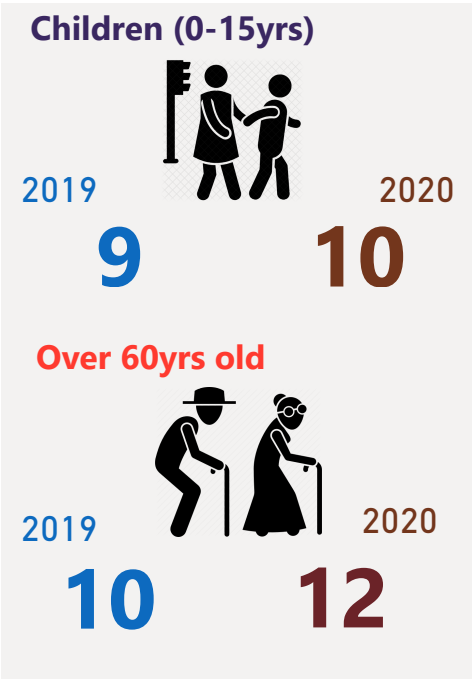
- Overall reduction of all RTCs, all KSI has decreased by 34% (from 76 in 2019 to 50).
- All child casualties have fallen in 2020 from 43 in 2019 to 38; no change on those KSI.
- Pedestrian RTC's fell by 13% (from 54 in 2019 to 47) and those KSI remain largely unchanged.
- The number of cyclist collisions has increased by 24% (from 29 in 2019 to 36), with KSI reducing by 27% (from 11 in 2019 to 8) in 2020.
- Powered two-wheeler (PTW) rider RTC's drastically reduced in 2020 by 51% (from 33 in 2019 to 16).
- The numbers of car occupant RTC's of all severities continue to decrease in the district (from 229 in 2019 to 159); however, those KSI have decreased in 2020 also (from 27 in 2019 to 22).

Calderdale: all road casualties

All casualties to date
267

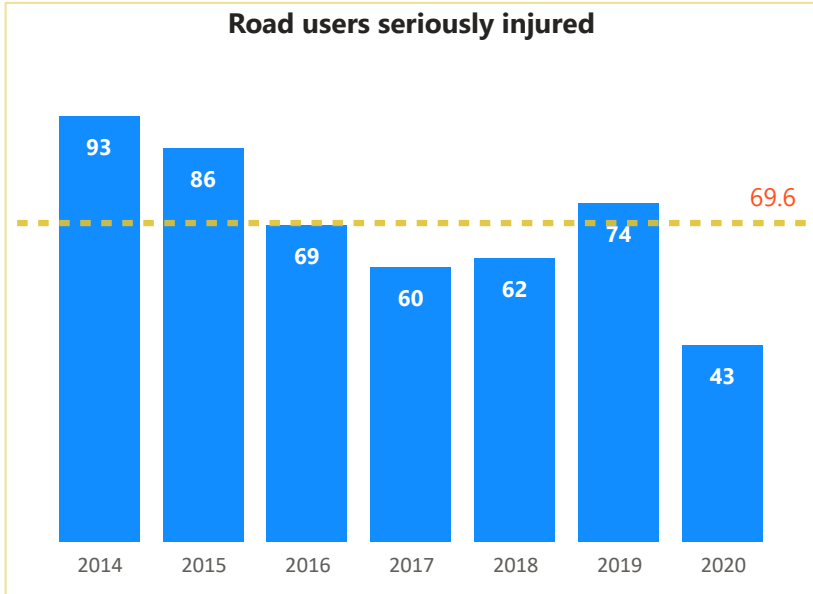
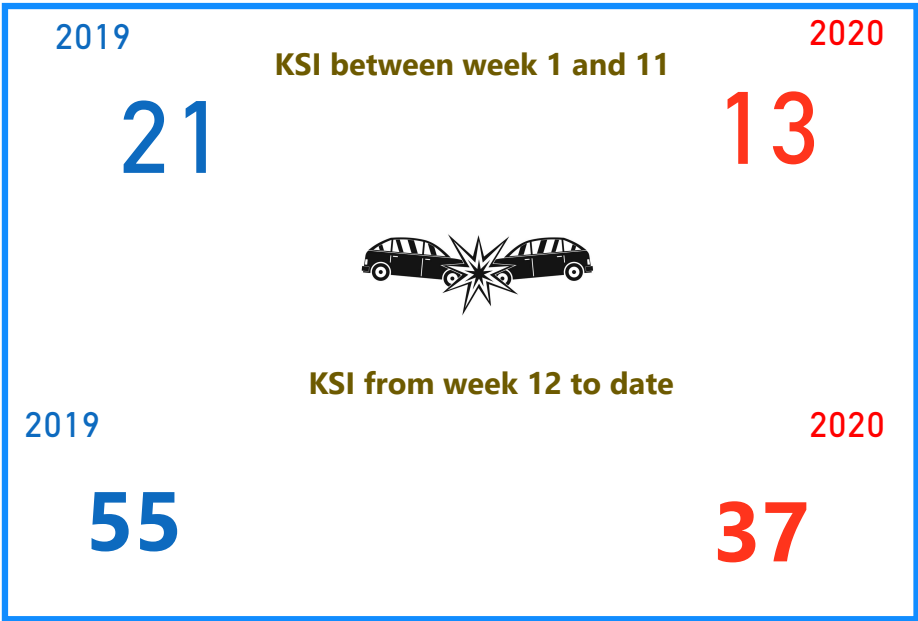
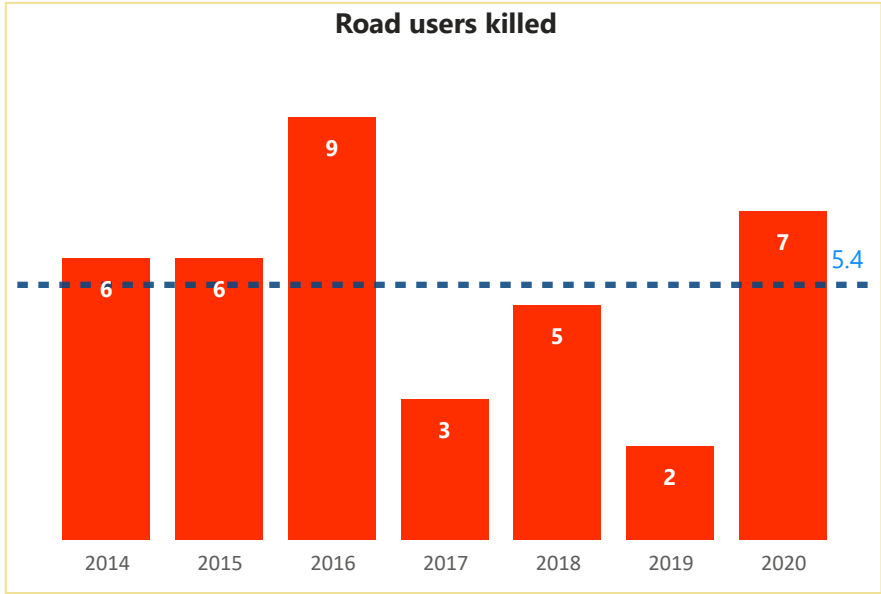
All collisions to date
202





Monthly casualties

Month	2019	2020
January	11	7
February	8	5
March	3	3
April	4	
May	7	4
June	7	4
July	8	8
August	10	6
September	4	6
October	3	2
November	3	4
December	8	1
YTD	76	50

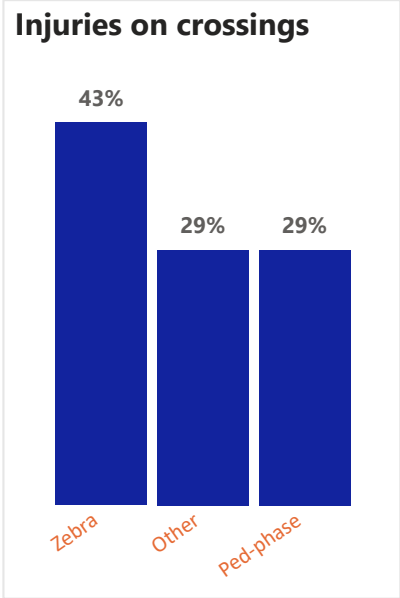
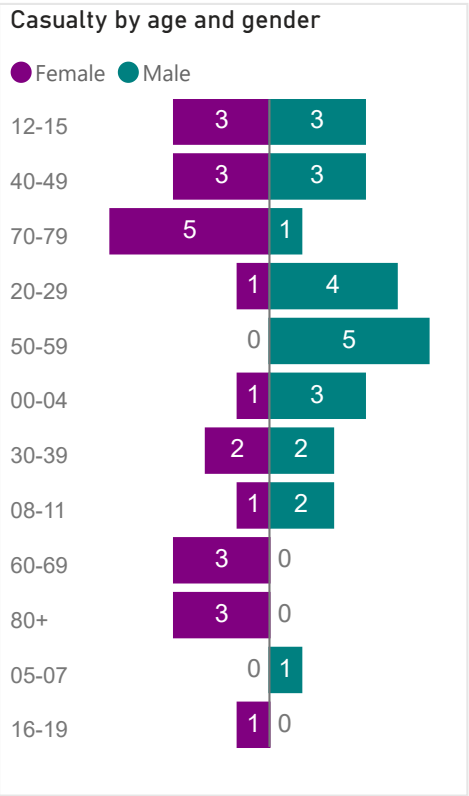
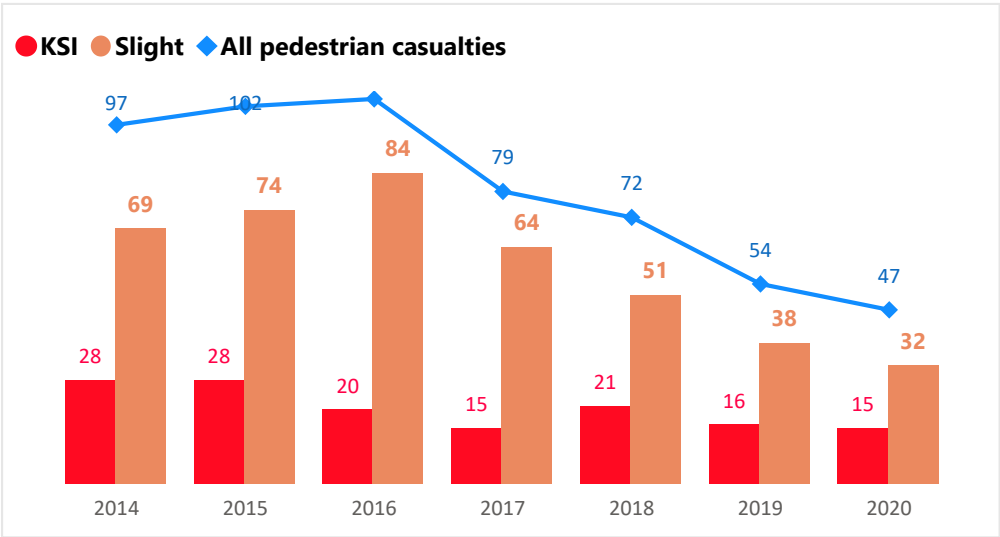
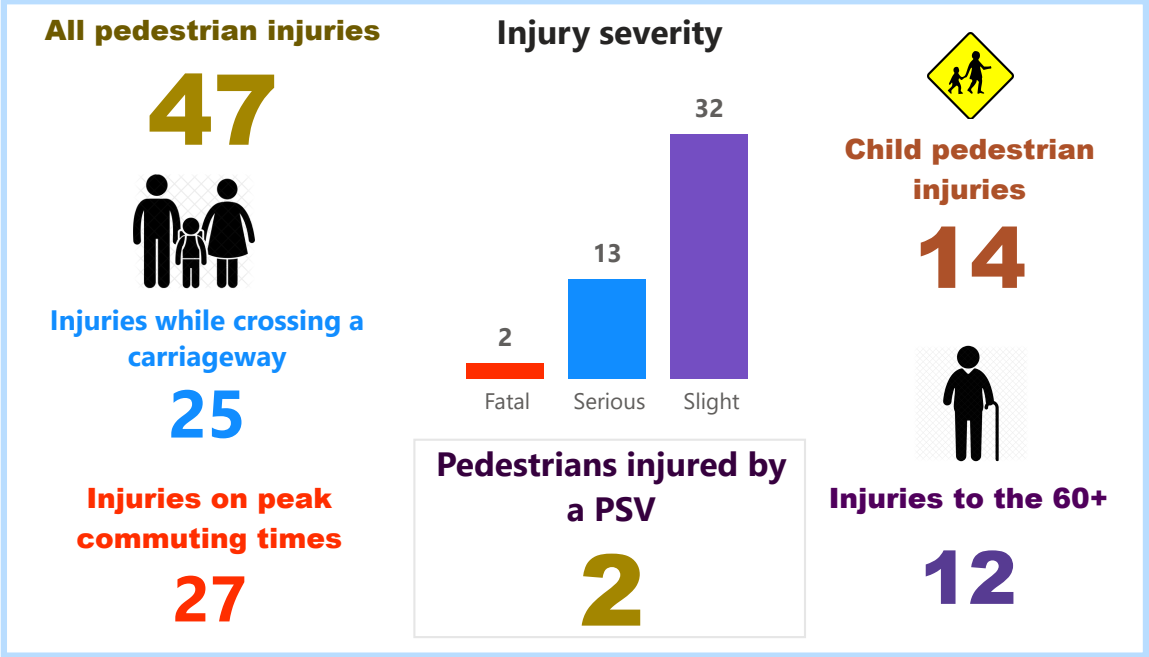


Calderdale: pedestrian casualties

Injuries prior to lockdown
14

Injuries since lockdown
33

Injuries recorded in 2019
54



Month	2014	2015	2016	2017	2018	2019	2020
January							
February							
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							

Monthly casualties			
Month	2018	2019	2020
January	8	6	9
February	2	6	4
March	10	4	2
April	4	4	2
May	4	2	4
June	5	4	1
July	1	3	5
August	4	4	3
September	6	2	8
October	4	1	2
November	8	9	4
December	16	9	3
YTD	72	54	47

Casualties by type of vehicle



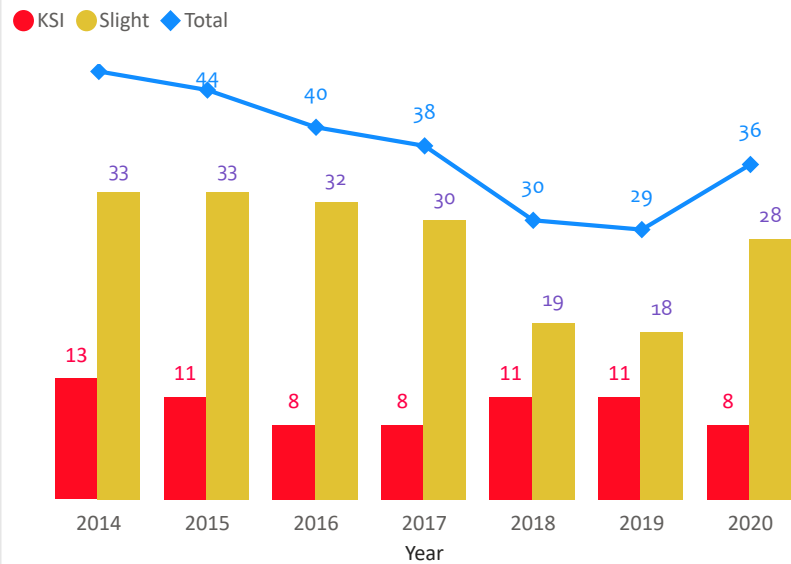
District
Calderdale

Calderdale: cyclist casualties

Injuries prior to
lockdown
6

Injuries since
lockdown
30

Injuries recorded
in 2019
29



Cyclist injuries at
T-junctions

15

All cyclist injuries

36

Injuries on peak
commuting times

20

Cyclist killed in 2020

1

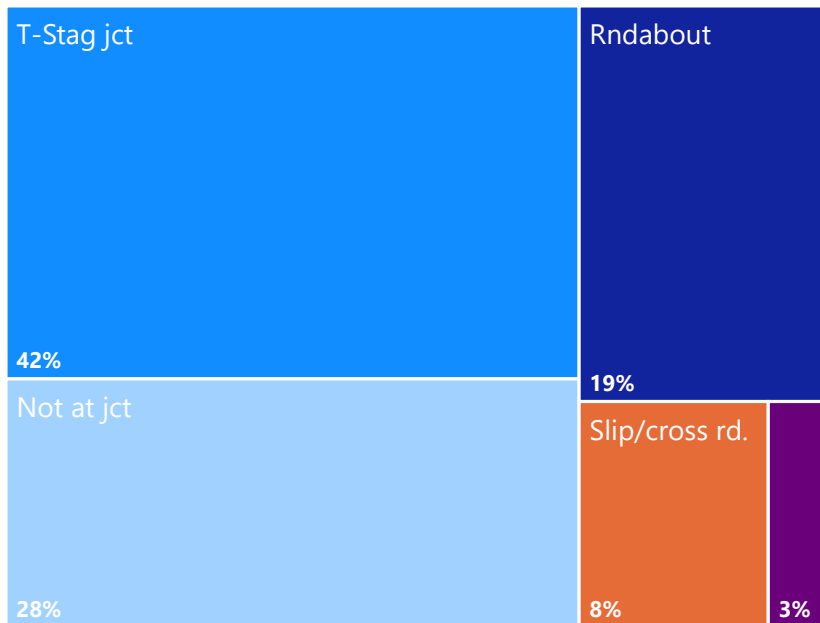
Child cyclist
injuries

6

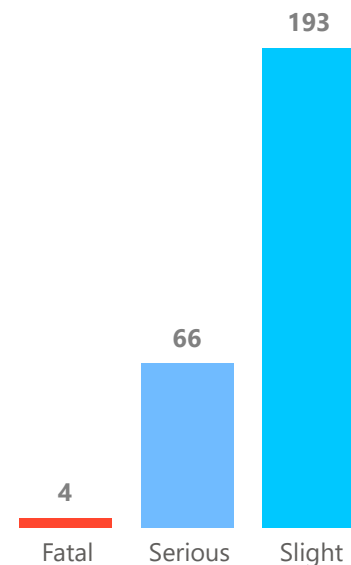
Monthly casualties

Month	2014	2015	2016	2017	2018	2019	2020
January							
February							
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							

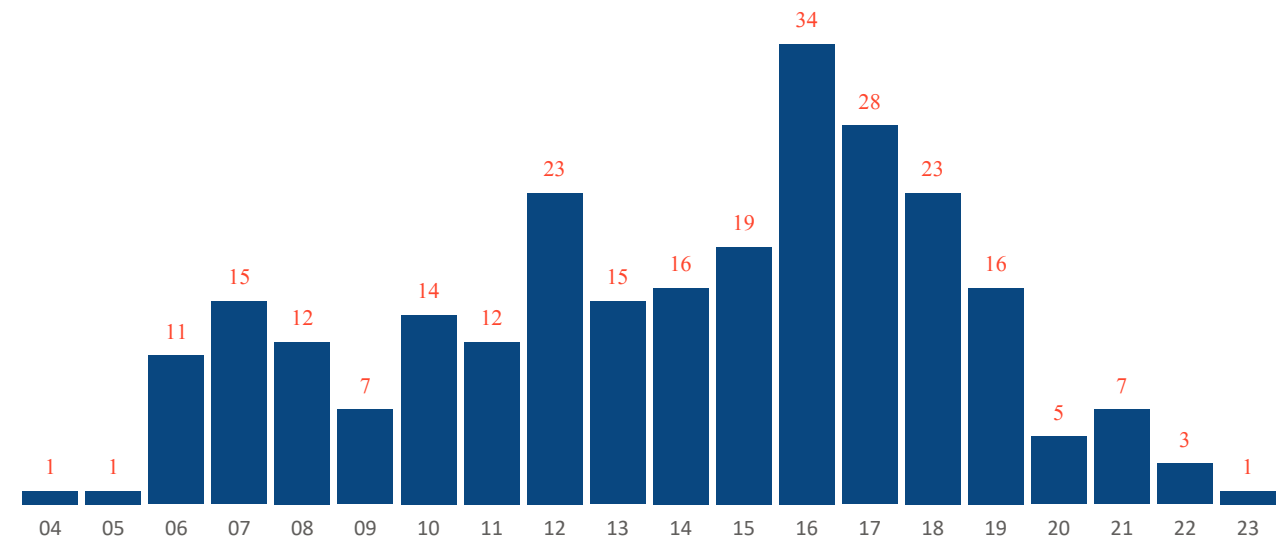
Road casualties by type of junction



Injury severity since 2014



Cyclist injuries per hour of the day since 2014



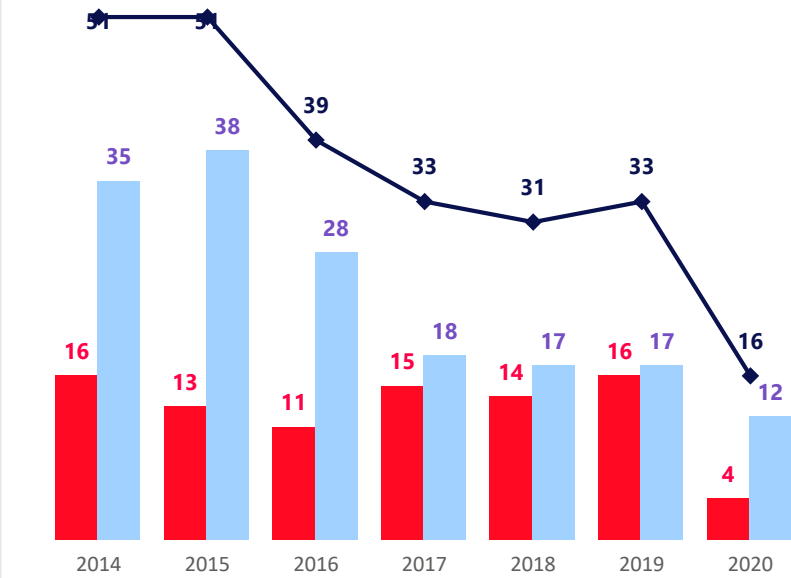
Calderdale: PTW casualties

Injuries prior to
lockdown
1

Injuries since
lockdown
15

Injuries recorded
in 2019
33

● KSI ● Slight ◆ All PTW casualties



All PTW injuries

16

Injuries on peak
commuting times

8

PTW riders killed
in 2020

(Bla...

Injuries to riders of up to
125cc bikes

10

Injuries on
unclassified roads

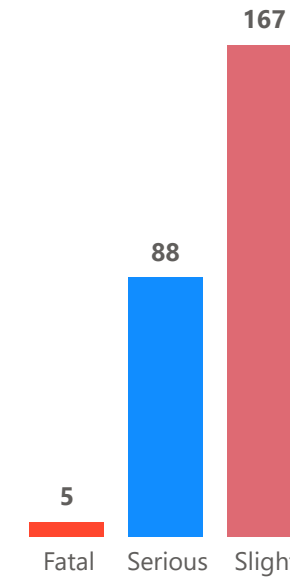
8

Injuries to riders of over
500cc bikes

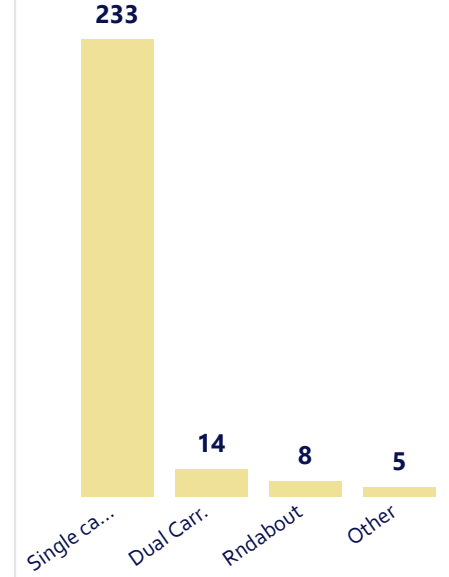
6



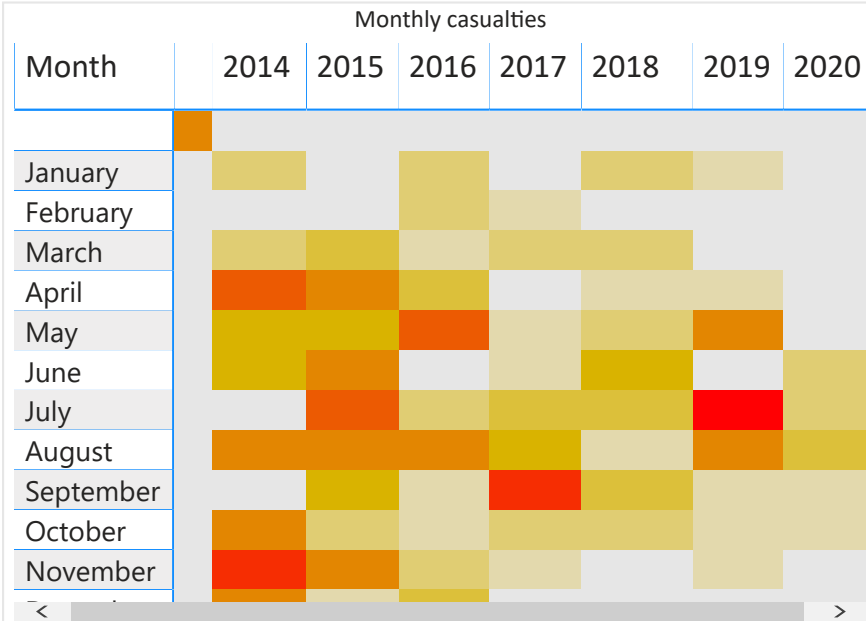
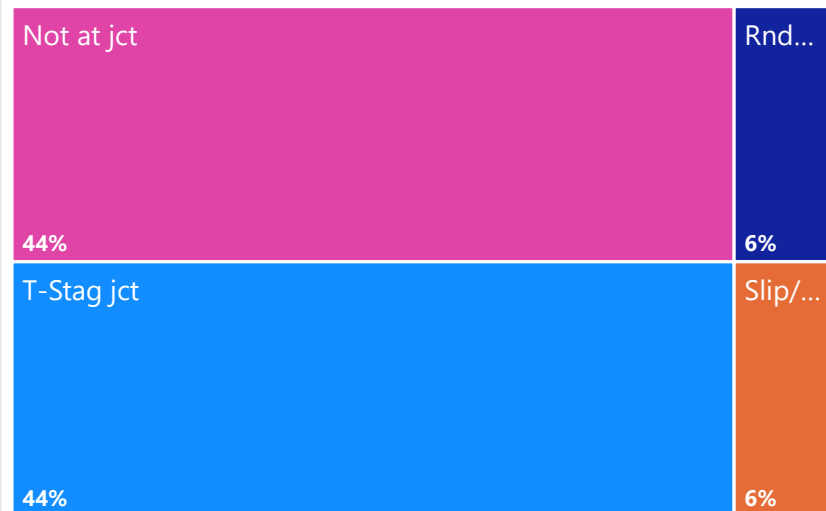
Injury severity since 2014



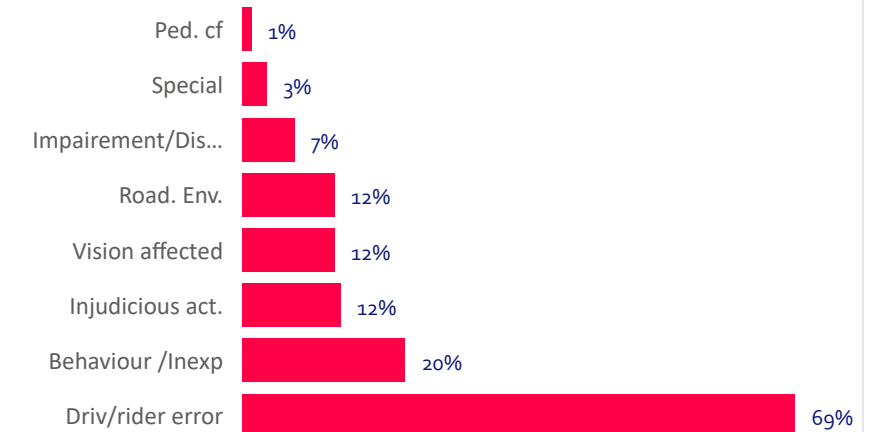
Injuries by road type since 2014



PTW casualties at junction



Injuries by main causation factors



District

Calderdale

Calderdale: car occupant casualties

Injuries prior to lockdown

30

Injuries since lockdown

129

Injuries recorded in

2019

229

All car occupant injuries

159



Injuries to children

18

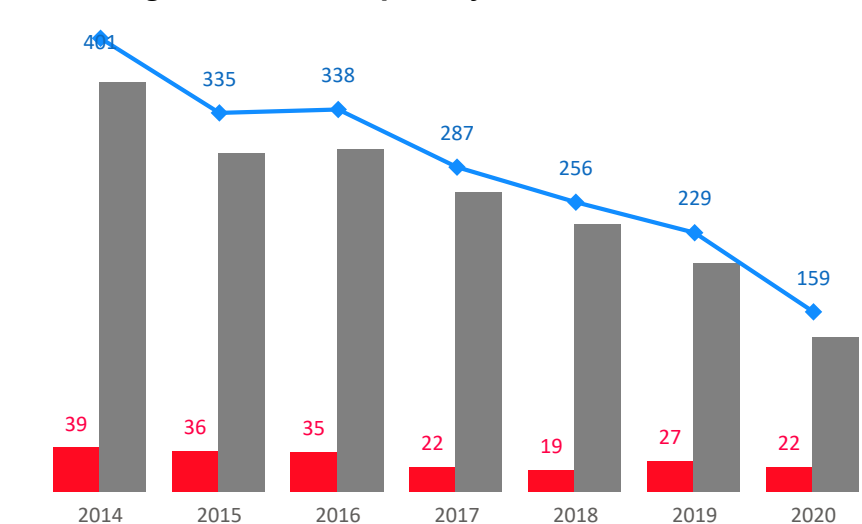


Injuries to Minibus occupants
(Blank)

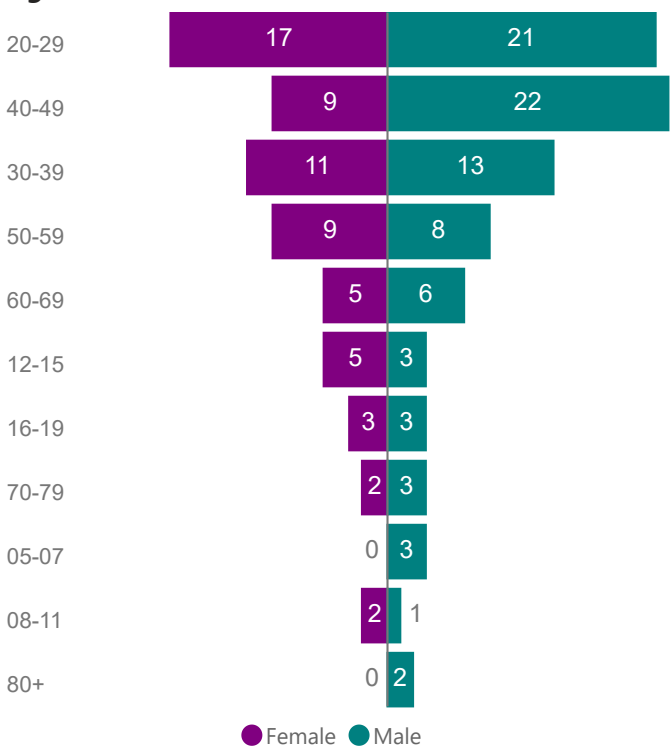
Injuries to Taxi occupants
4

Pedestrians injured by cars
38

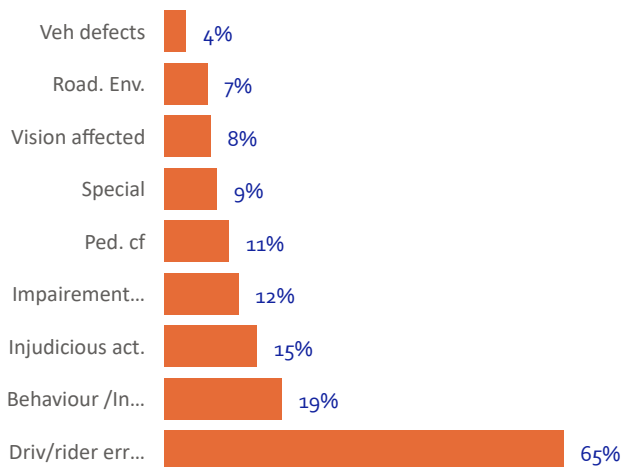
● KSI ● Slight ◆ All car occupant injuries



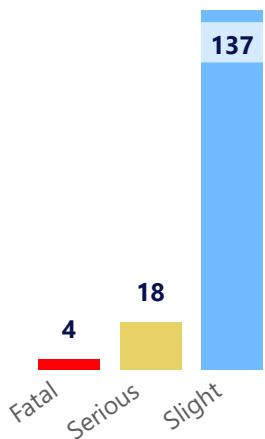
Age & Gender of driver involved in collision



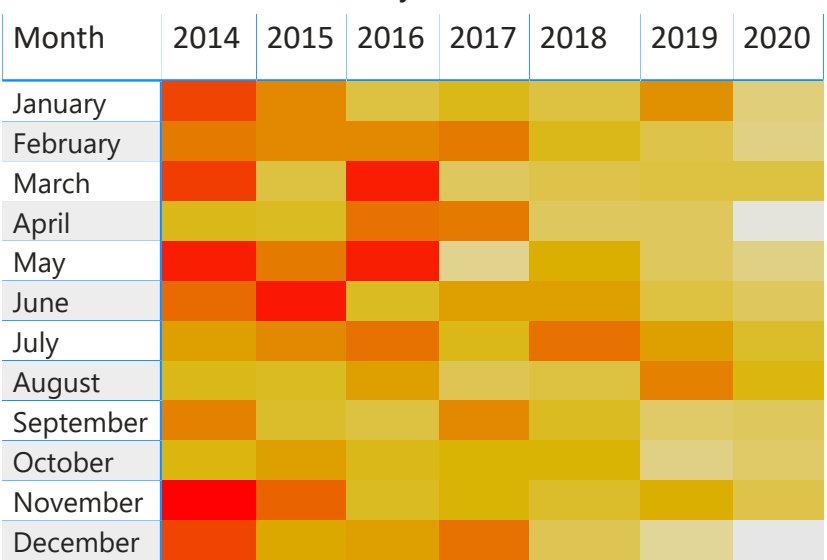
Casualties by causation factors



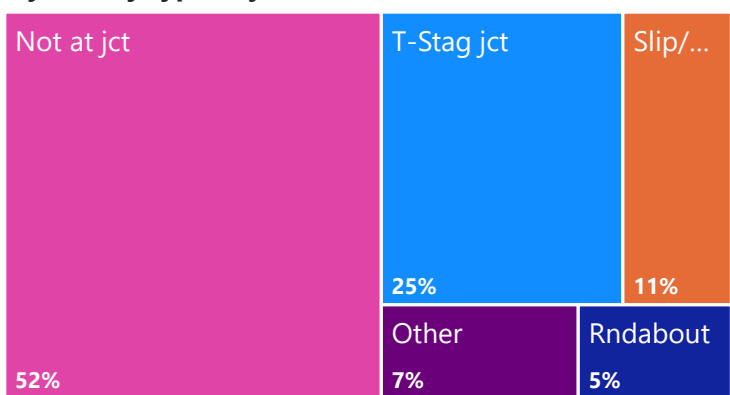
Injury Severity

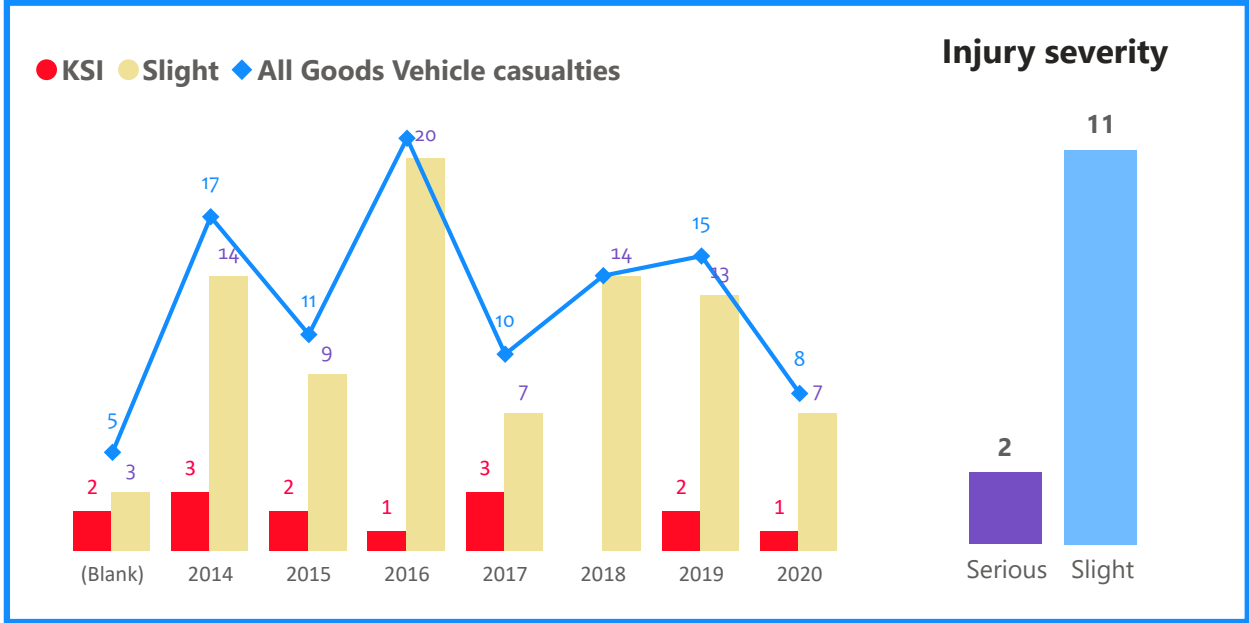
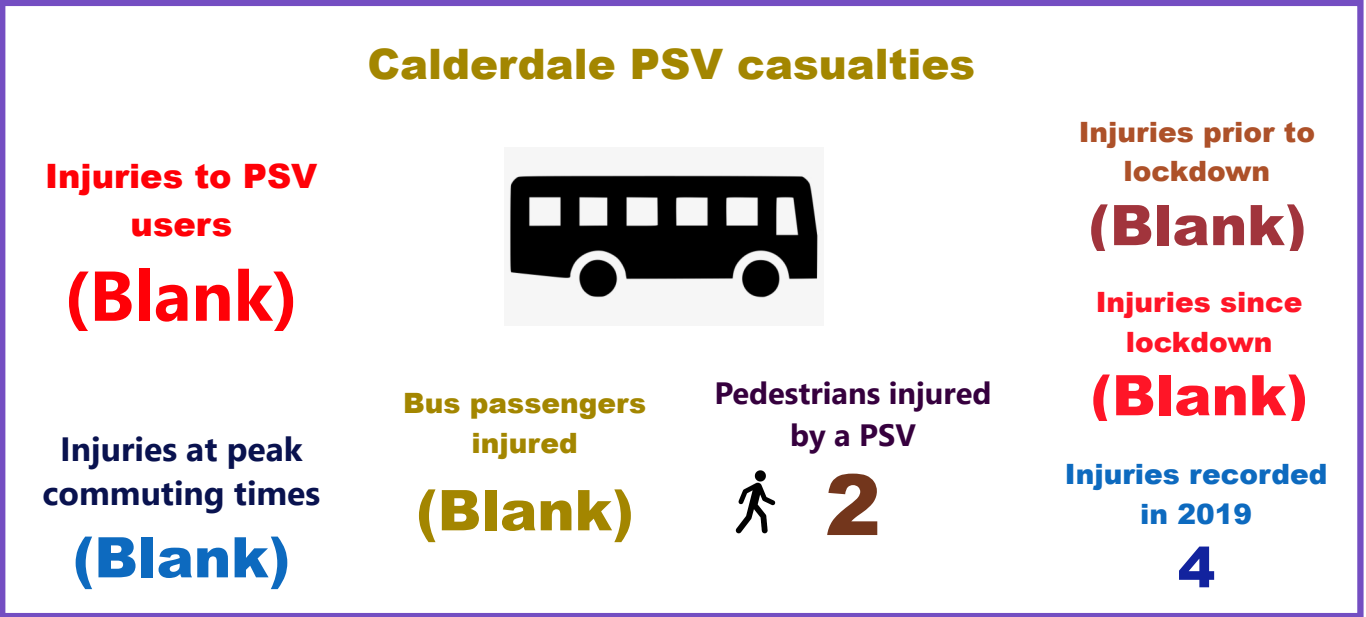
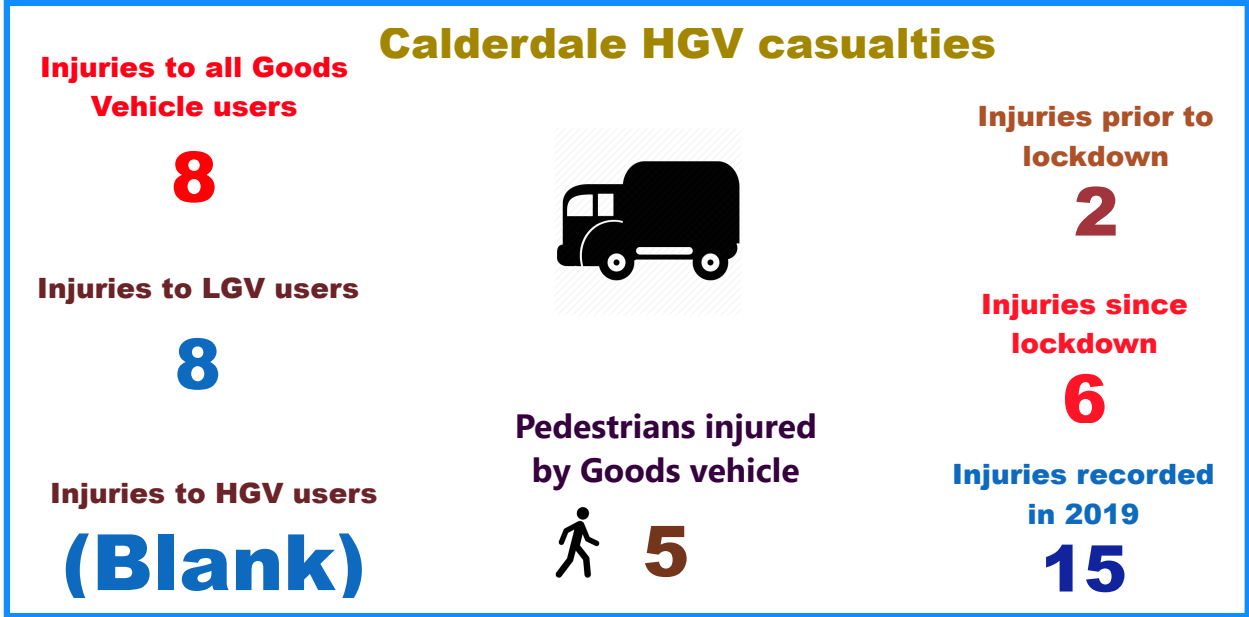


Monthly casualties



Injuries by type of junctions





Car occupants

Month	2018	2019	2020
January	18	29	12
February	22	17	11
March	17	18	18
April	15	15	2
May	25	15	11
June	27	18	15
July	33	27	20
August	18	31	23
September	21	14	15
October	24	11	14
November	20	25	17
December	16	9	1
Year Total	256	229	159

Pedestrians

Month	2018	2019	2020
January	8	6	9
February	2	6	4
March	10	4	2
April	4	4	2
May	4	2	4
June	5	4	1
July	1	3	5
August	4	4	3
September	6	2	8
October	4	1	2
November	8	9	4
December	16	9	3
Year Total	72	54	47

Motorbike riders

Month	2018	2019	2020
January	3	2	
March	3	1	1
April	2	2	1
May	3	6	
June	5	1	3
July	4	9	3
August	2	6	4
September	4	2	2
October	3	2	2
November	1	2	
December	1		
Year Total	31	33	16

Cyclists

Month	2018	2019	2020
January	4		3
February		2	
March	1	1	4
April	2	4	3
May	2	5	1
June	6	2	6
July	4	6	4
August	2	3	6
September	4	1	3
October	3	1	1
November	2		2
December		4	3
Year Total	30	29	36

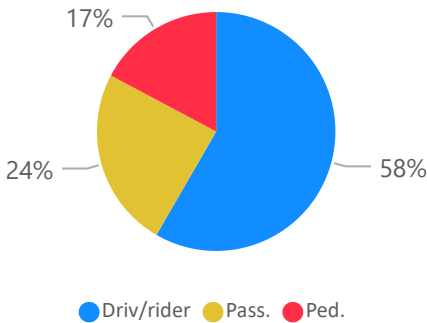
Children

Month	2018	2019	2020
January	5	3	2
February	2	3	1
March	7	4	2
April	4	4	
May	6	2	3
June	5	2	3
July	8	6	5
August	2	7	10
September	5	2	5
October	2	1	3
November	4	5	4
December	6	4	
Year Total	56	43	38

All casualties

Month	2017	2018	2019	2020
January	34	33	42	25
February	45	25	26	15
March	25	36	25	26
April	41	26	29	8
May	23	35	30	17
June	39	44	26	26
July	38	43	45	32
August	33	27	46	37
September	53	38	22	30
October	40	39	15	19
November	38	32	36	24
December	41	33	24	8
Year Total	450	411	366	267

Casualty Class



Car occupants

Month	2018	2019	2020
January		7	1
February	1	4	2
March	4	1	2
April	1		
May	1		1
June		4	1
July		1	4
August	5	4	4
September	1	1	3
October		1	1
November	3	1	2
December	3	3	1
Year Total	19	27	22

Pedestrians

Month	2018	2019	2020
January	1	1	5
February		2	3
March	3	2	
April	3	1	
May	2	1	2
June	1	2	
July		2	1
August	2		1
September	4		2
November	3	2	1
December	2	3	
Year Total	21	16	15

Motorbike riders

Month	2018	2019	2020
January	1	2	
March	2		
April	1	1	
May	2	2	
June	3	1	1
July	1	4	2
August	1	3	1
September	2	2	
October	1	1	
Year Total	14	16	4

Cyclists

Month	2018	2019	2020
January	2		1
February		1	
March	1		1
April	1	2	
May		2	1
June	3		2
July	3	1	1
August	1	2	
October		1	1
November			1
December		2	
Year Total	11	11	8

Children

Month	2018	2019	2020
January	1		2
February		1	1
March	1		
April	2	1	
May	1	1	1
July		2	1
August	1		1
September	1		3
November			1
December	1	4	
Year Total	8	9	10

All KSI casualties

Month	2018	2019	2020
January	4	11	7
February	1	8	5
March	11	3	3
April	6	4	
May	5	7	4
June	7	7	4
July	4	8	8
August	9	10	6
September	8	4	6
October	1	3	2
November	6	3	4
December	5	8	1
Year Total	67	76	50

Casualty Class

