





Over 5,500 pedestrians, cyclists and motorcyclists were unnecessarily injured in a collision with construction vehicles* on Britain's roads in 2018 - over 28,000 in last 5 years. In 2018 alone, 1,884 were killed or seriously injured. You can help prevent more trauma and cost.

CLOCS, FORS and MPA collaborated with Agilysis to allow their members and the wider sector to interrogate the annual GB Road Safety Statistics published by DfT (latest is 2018) which is based on police reports made on every road collision they attend.

Interactive analysis tool to better understand collisions between

*Ahead of any other sector, construction has identified and used its most common vehicle body types to enable a refined filter of wider HGV (over 3.5t) and LGV (3.5t or under) data.

When a user sets the data filters to 'Involved a Construction Vehicle' [yes] and 'Involved an HGV' [all] and "Involved an LGV" [all], they 'include' (or 'exclude' as the user defines) and aggregate the data to give results for all construction HGVs and LGVs for their selected years; the graphs respond to show the scale and trends for these defined collisions.





sustainable solutions

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Dashboard Report created for CLOCS March 2020 by Agilysis Ltd

If you require any further information regarding this dashboard or have any feedback, please contact Lyndsey Owen, Analytics Manager, Agilysis Ltd. lyndsey.owen@agilysis.co.uk

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Key statistics for personal injury collisions between Vulnerable Road Users (VRUs) and Goods Vehicles – particularly those widely used in the construction sector



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The following highlight some other key findings (according to DVLA recorded vehicle body type) – remembering every number is a real person with real injuries, traumatising the casualty, their family, the driver and witnesses:

- Fatal and serious injury collisions between VRUs and heavy/light goods vehicles used widely in UK construction rose by over 16% between 2014-2018 (from 1,621 to 1,884)
- 46% of those Killed or Seriously Injured (KSI) were pedestrians, 32% motorcyclists and 22% pedal cyclists
- Across all sectors, VRU KSIs involving HGVs rose by 11% from 2014-18 to 540;
- West Midlands has suffered the fastest and greatest increase in the absolute number of people killed/injured in collisions with HGVs up 78% since 2014-18 as proportion of regional population and only slightly more than South East, East and London.
- Driver observation errors (misjudging speed, not looking properly) remain the commonest contributory factor identified by the attending police officer. Pedestrian's behaviour remains similarly prevalent.
- Relative to construction output, VRU KSIs involving construction vehicles is declining but not fast enough as 1 traumatised family is too many and 1,884/annum is 8 casualties every working day



Using the filters:

- a. "Select All", then this filter has no effect at all (i.e. it never filters anything out, and the other two filters decide what is shown)
- b. "No", then collisions which involve such vehicles are EXCLUDED unless they satisfy one or both of the other two filters
- c. "Yes", then collisions which involve such vehicles are always INCLUDED, regardless of whether or not they satisfy the other two filters

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Vulnerable road users involved in collisions

Filters VRU casualties by year Year of Collision ● Pedestrians ● Pedal cyclists ● Motorcyclists Multiple selections Casualty Severity 1500 Multiple selections 1000 Involved Construction Vehicles 500 Yes 2018 2014 2015 2016 2017 Involved Heavy Goods Vehicle All

Region	Pedestrian casualtes	Pedal cyclist casualties	Motorcyclist casualties	VRU casualties
Yorkshire And The Humber	371	177	225	773
West Midlands	294	132	199	625
Wales	85	36	59	180
South West	256	147	274	677
South East	533	377	543	1453
Scotland	350	107	145	602
North West	462	195	268	925
North East	156	44	68	268
London	828	359	454	1641
East Midlands	246	124	207	577
East	293	179	290	762
Total	3874	1877	2732	8483



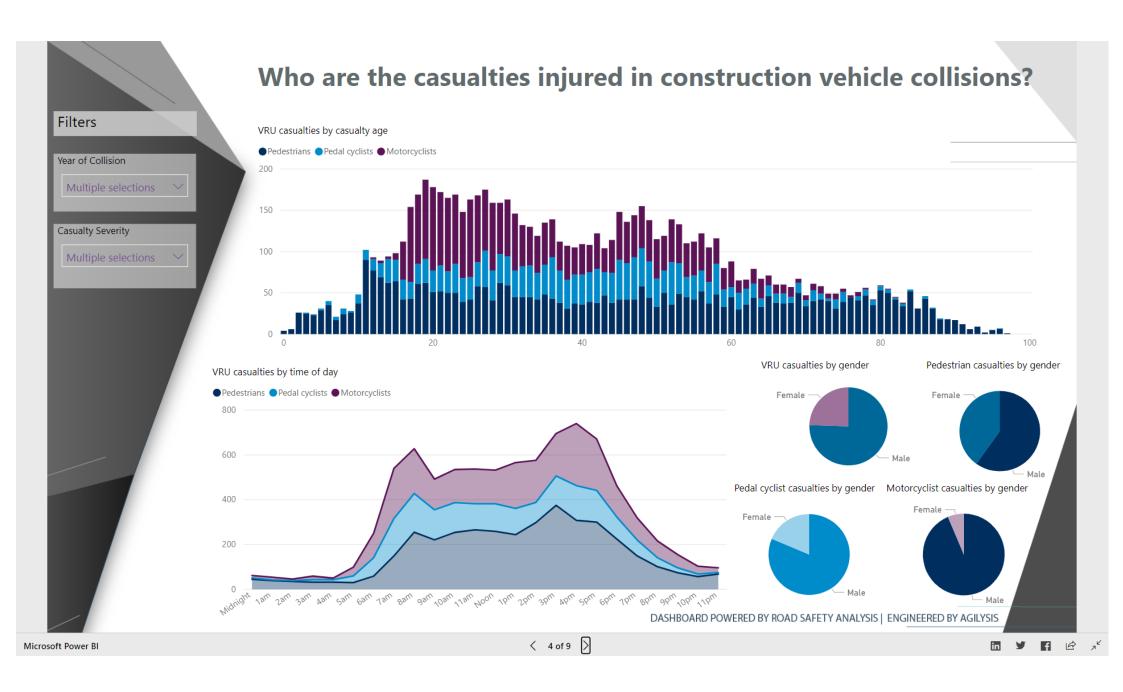
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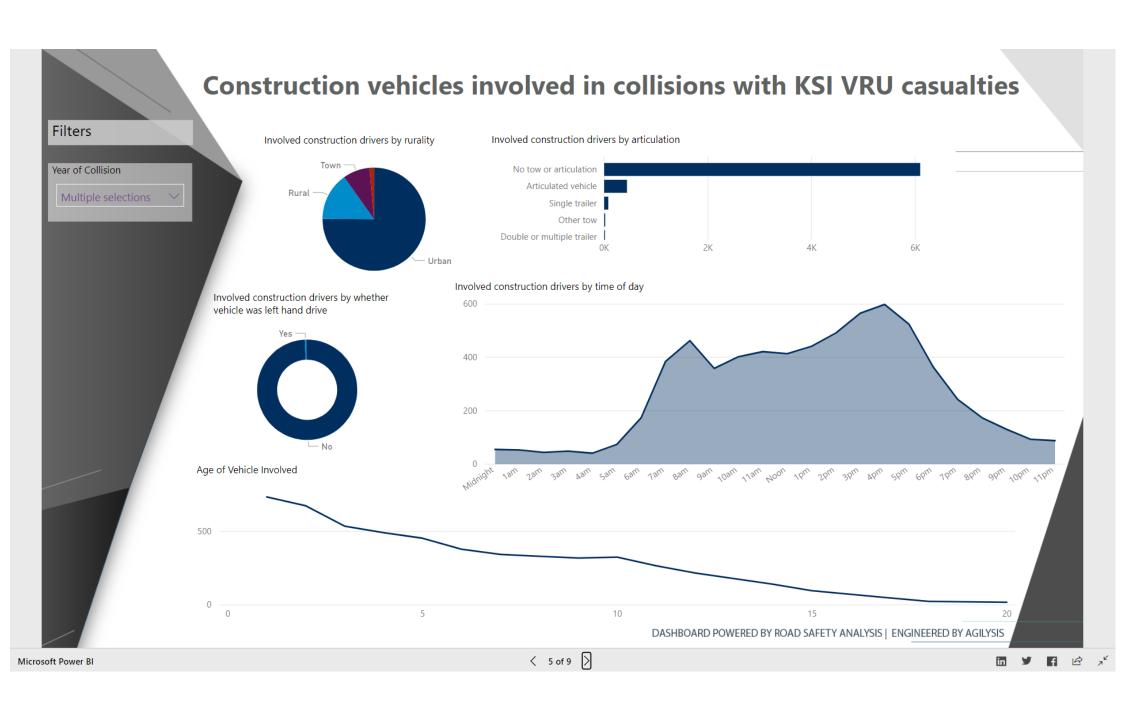


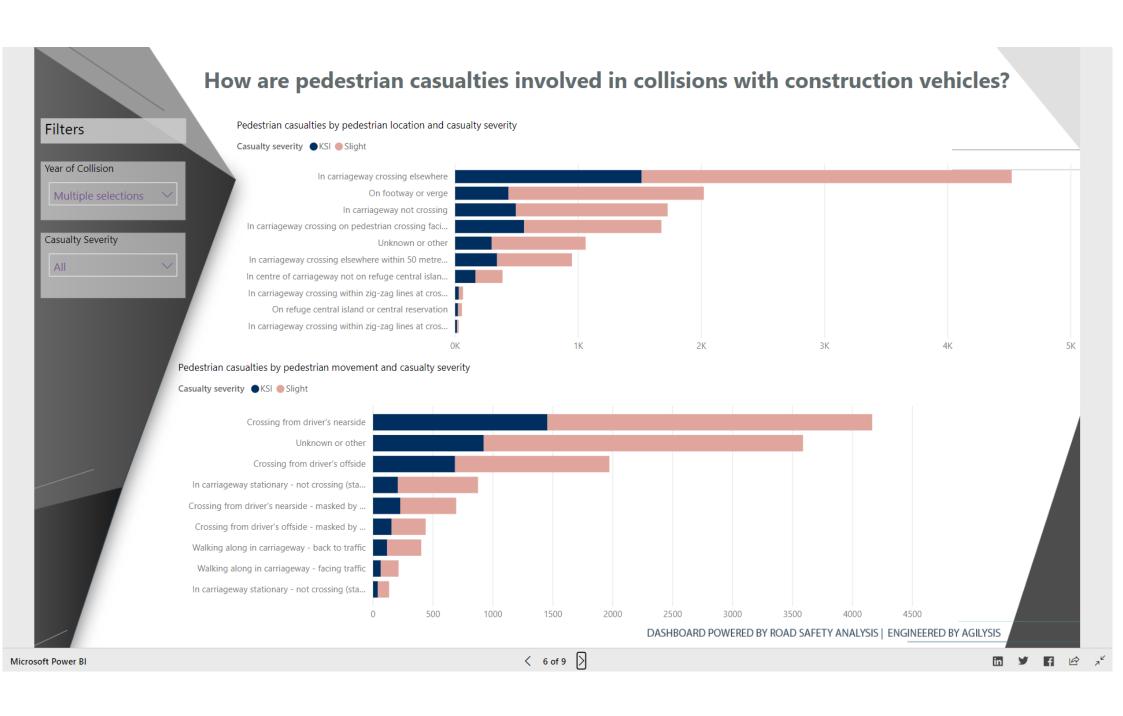


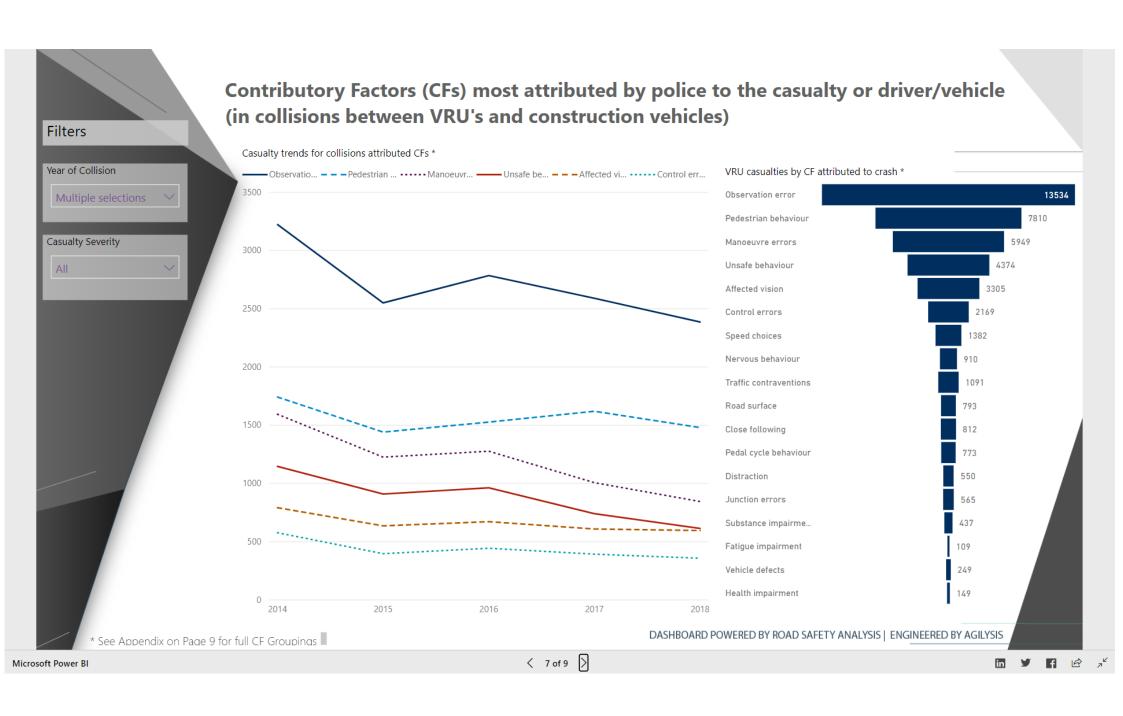
All

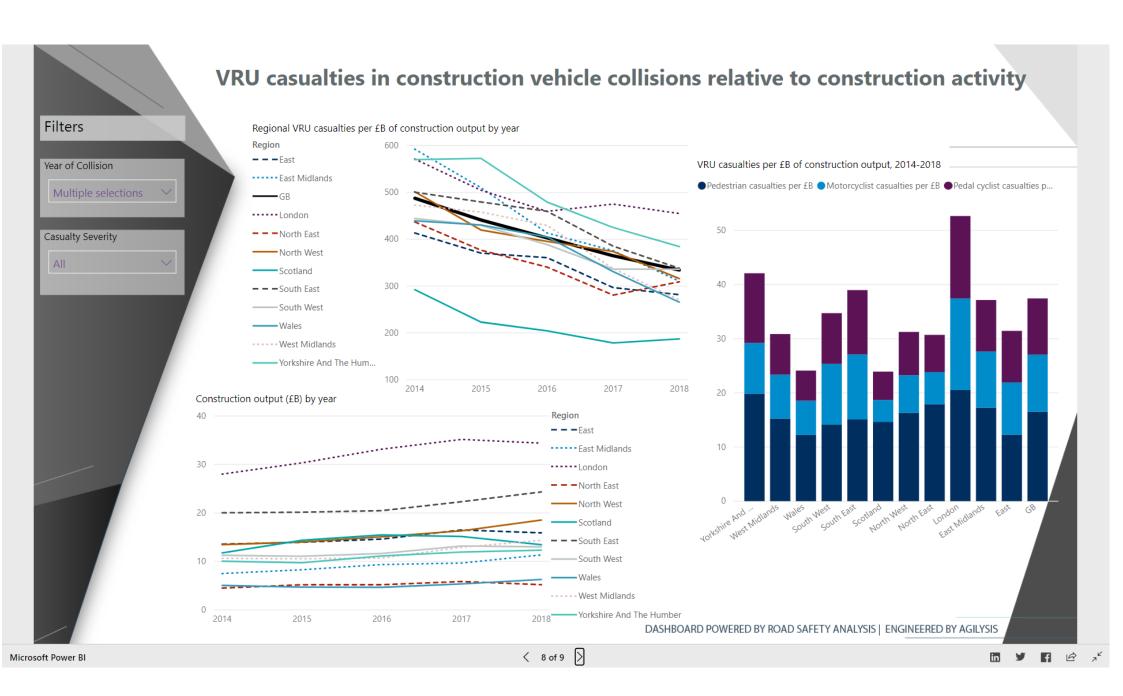
Involved Light Goods Vehicle













Appendix - Contributory Factor Groupings

Injudicious Action	Driver Errors or Reactions	Driver Impairment or Distraction	Behaviour or Inexperience	Other
Traffic Contraventions	Manoeuvre Errors	Substance Impairments	Nervous Behaviour	Vehicle Defects
Disobeyed automatic traffic signal Disobeyed double white lines Disobeyed "Give way" or "Stop" signs or markings	Poor turn or manoeuvre Failed to signal or misleading signal Passing too close to cyclist, horse rider or pedestrian	Impaired by alcohol Impaired by drugs (illicit or medicinal)	Nervous, uncertain or panic Learner or inexperienced driver/rider Inexperience of driving on the left	Tyres illegal, defective o under-inflated Defective lights o indicators Defective brakes
Disobeyed pedestrian crossing facility Illegal turn or direction of travel			Unfamiliar with model of vehicle	Defective steering of suspension Defective or missing mirrors Overloaded or poorloaded
				loaded vehicle or trailer
Speed Choices	Control Errors	Distraction	Unsafe Behaviour	Road Surface
Exceeding speed limit Travelling too fast for conditions	Sudden braking Swerved Loss of control	Driver using mobile phone Distraction in vehicle Distraction outside vehicle	Aggressive driving Careless, reckless or in a hurry	Poor or defective road surface Deposit on road (e.g. oil mud, chippings) Slippery road (due to weather)
Close Following	Observation Error	Health Impairments	Pedal Cycle Behaviour	Affected Vision
Following too close	Failed to look properly Failed to judge other person's path or speed	Uncorrected, defective eyesight Illness or disability, mental or physical	Vehicle travelling along pavement Cyclist entering road from pavement Not displaying lights at night or in poor visibility	Stationary or parket vehicle(s) Vegetation Road layout (e.g. bend winding road, hill crest)
			Cyclist wearing dark clothing at night	Buildings, road signs street furniture
	Junction Errors	Fatigue Impairment	Pedestrian Behaviour	Dazzling headlights
	Junction overshoot Junction restart (moving off at junction)	Fatigue	Crossing road masked by stationary or parked vehicle Failed to look properly	Dazzling sun Rain, sleet, snow or fog
			Failed to judge vehicle's path or speed	Spray from other vehicle
			Wrong use of pedestrian crossing facility	Visor or windscreen dirt or scratched
			Dangerous action in carriageway (e.g. playing) Careless, reckiess or in a hurry limpaired by alcohol impaired by drugs (illicit or medicinal) Pedestrian wearing dark clothing at night Disability or illness, mental or physical	Vehicle blind spot







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