

July 2016



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Road fatalities in EU28





Road fatalities in EU28



The downward casualty trend is mainly associated with cars Progress for VRUs (pedestrians, motorcyclists and cyclists) is not as good





Road deaths per million inhabitants

Source: EC





Road deaths per billion vehicle-kilometres



Source: EC 2012-2014



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Road deaths by speed limit

Speed limits (km/h)	Netherlands	Sweden	UK	Speed limits (mph)
30, 40, 50	44%	18%	31%	20, 30
60, 70, 80	43%	49%	17%	40, 50
90, 100	6%	26%	39%	60
110, 120	5%	7%	13%	70
>120	3%	0%	0%	>70

Source: CARE 2013



Road deaths by road type





Source: EC

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Number of fatalities in 2013 by road user type

	Car or taxi	Heavy goods vehicle	Lorry <3.5 tonnes	Moped	Motorcycle	Pedal cycle	Pedestrian	Other	Total
DK	79	1	17	11	15	33	34	0	190
NL	180	7	15	41	29	112	51	0	435
SE	144	5	5	3	40	14	42	2	255
UK	815	22	39	4	337	113	405	17	1752

	Car or taxi	Heavy goods vehicle	Lorry <3.5 tonnes	Moped	Motorcycle	Pedal cycle	Pedestrian	Other	Total
DK	14.1	0.2	3.0	2.0	2.7	5.9	6.1	0.0	33.9
NL	10.7	0.4	0.9	2.4	1.7	6.7	3.0	0.0	25.9
SE	15.1	0.5	0.5	0.3	4.2	1.5	4.4	0.2	26.7
UK	12.7	0.3	0.6	0.1	5.3	1.8	6.3	0.3	27.3



GB KSI road casualties



Source: TRL





Ratio of number of fatalities among 18-24 year olds





Pedal cyclists – safety in numbers?







Pedestrian deaths by age group

Source: EC





Population distributions





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Source: EC

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Average pedestrian protection scores of cars sold in 2013





Car secondary safety – KSI drivers, GB



Source: TRL









Source: TRL



Recommendations

This work has highlighted various areas in which Britain's road safety outcomes, though good, do not appear to be as good as those of some other countries. They point to the following broad recommendations:

- Higher standards of protection for vulnerable road users in vehicle safety regulation and Euro NCAP;
- Measures to improve the safety of young drivers and their passengers;
- Further investment in motorway safety (despite good current performance);
- A review of the safety of roads with speed limits of 60mph and above, including motorways;
- Better data to enable international comparison and evaluation.

THE FUTURE OF TRANSPORT

Report by Brian Lawton and Caroline Fordham

Presented by Richard Cuerden, Chief Scientist

July 2016