

Pedestrians and Pedal Cyclists on the Strategic Road Network

The report provides insight into pedestrian casualties and pedal cycle riders involved in police reported injury collisions between 2011 and 2015.

What?/Scope Pedestrians

- 12,298 English commuter drivers involved in collisions between 2011-2015
- 1,472 commuter drivers involved in fatal or serious collisions
- Commuters account for 13.1% of all drivers on the SRN
- Commuters account for 11.2% (1 in 8) of all drivers involved in KSI collisions
- In the last 10 years (2006-2015)
 - 343 commuters in fatal collisions
 - 2,604 commuters in serious collisions
 - 22,713 commuters in slight collisions
- In the past 5 years (2011-2015)
 - 152 commuters in fatal collisions (1.2%)
 - 1,320 commuters in serious collisions (10.7%)
 - 10,826 commuters in slight collisions
- Since driver journey purpose is not always accurately recorded, true figures are likely to be larger

What?/Scope Cyclists

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Trend

- From 2006:
 - 36% reduction in commuter's fatal collisions
 - 5% reduction in commuter's serious collisions

- 18% reduction in the total number of commuters involved in collisions
- From 2014:
 - 7% increase in commuter's fatal collisions
 - 10% reduction in commuter's serious collisions
 - 2% reduction in the total number of commuters involved in collisions

When?

- Peaks in November and January, low months in April and August
- Two definite peaks – 6-9am / 3-6pm
- More often in darkness and, on unlit roads
- Slightly more often on Mondays and Tuesdays, but less often on Saturdays
- 77.4% fine and still weather conditions in commuter collisions
- 62.4% dry road surface conditions in commuter collisions

Where?/Network

- Commuters considerably more likely to be involved in multi vehicle collisions
- Collision more frequently involves a goods vehicle
- Collision more often occur on dual carriageways
- Slip road collision – 11% - 18% more frequent than SRN drivers overall
- 83.2% in rural where commuter driver were involved in collision
- 16.8% in urban where commuter driver were involved in collision

How?/Manoeuvres

- In comparison to drivers on the SRN in general, commuters involved in injury collisions are:
 - over 3 times more likely to be changing lane (accounting for 6%)
 - considerably more likely to be starting or stopping (accounting for 24%)
 - slightly more likely to be stationary (accounting for 12%)

Contributory Factors

- 1 in 5 commuters make control errors
- 1 in 11 recorded as a close following
- Top 5 types of CF by commuters on SRN:
 - 31% observation
 - 20% control
 - 9% close following

- 8% road surface
- 6% speed choice

Home Locations

- Southwest has highest proportion of resident commuter drivers involved in serious and fatal collisions (15.4%)
- London has the lowest (9.3%)

Demographic

- SRN commuters in collisions tend to be more middle aged (25-54) - 84%
- Female commuters are involved in proportionally fewer fatal and serious collisions than males (34.2% female / 65.8% men)