



**COLLISIONS  
PROBLEM PROFILE  
SEPTEMBER 2012**

## KEY FINDINGS

- The volume of collisions in the City has been increasing over the past 3 years.
- Barclays Bikes were introduced to London in July 2010<sup>1</sup>, leading to more people cycling in the City of London, which may explain the large increase in pedal cycle collisions from this date.
- Serious / fatal collisions have been increasing over the past 3 years.
- Pedal Cycles account for the most serious / fatal collisions.
- Seasonality does not appear to be a significant factor with serious and fatal collisions.
- Serious / Fatal collisions are more likely to occur during the morning and evening rush hour periods.
- The top causation factor for serious / fatal collisions has been Pedestrian – Lack of Attention.
- Slight injury collisions have been increasing over the past 3 year period.
- Pedal Cycle slight collisions have increased by the greatest proportion over the 3 year period.
- Most slight injury collisions are caused by either a car or a pedestrian.
- The most prolific cause of a slight injury collision in the City is Pedestrian Lack of Attention.
- There has been 106 collisions involving pedestrians over the past year, this is an increase of 17.8% on the previous year.
- Seasonality does not appear to be a factor in pedestrian collisions.
- Thursday and Tuesday have the highest volume of pedestrian collisions, serious collisions are more likely to happen on these days also. The peak time of day for pedestrian collisions is between 08:00 – 10:00, the morning rush hour.
- The top causation factor for pedestrian collisions for the past 3 years has been Pedestrian – Lack of Attention, followed by Failure to Observe a Hazard.
- The hotspots for pedestrian collisions are around the Transport hubs, which are busiest during the rush hours.
- Vehicle collisions resulting in serious injury have increased by 67% and collisions resulting in slight injury have increased by 28% on the previous 2 years.
- Motorcycles account for 46% of all vehicle collisions in the City.
- Tuesday to Friday is when the most vehicle collisions occur, and the morning and evening rush hours are the peak times.

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<sup>1</sup> <http://road.cc/content/news/16016-friday-30-july-launch-date-set-londons-cycle-hire-scheme>

## Appendix A

- **'Turning Right' is the most prolific reason for vehicle collisions over the past year, and has been one of the top 2 causation factors over the past 3 years.**
- **Although motorcycles are involved in 46% of collisions, they cause only 16% of them – cars cause the most.**
- **The areas around London Bridge / Blackfriars Bridge and Liverpool Street Station are hot spots for vehicle collisions.**
- **The number of serious and slight injury pedal cycle collisions has remained consistent over the past 2 years, but has increased on the totals for 2009/2010.**
- **There is a seasonal trend in that the volume of pedal cycle collisions falls during the winter months and is higher during the summer months. This is related to seasonal cycle usage.**
- **Pedal cycle collisions peak mid week, and are lowest over the weekend. They are more likely to occur during rush hour – with the evening rush hour being the peak time.**
- **The top causation factor for pedal cycle collision over the past 3 years has been Turning Right, followed by Changing Lane. Turning Left is also a common factor.**
- **If you include Taxi (Licensed) as a car then cars are at fault the most in relation to pedal cycle collisions. Other wise Pedal Cycles are the party most at fault.**
- **The highest causation factor where pedal cycle collisions are caused by a cyclist is 'Following too close', the highest factor where a car is at fault is 'Changing Lane'.**
- **There are 3 clear hotspots for Pedal Cycle collisions around Newgate Street, and the lead up to Blackfriars Bridge / Bank Junction – in particular King William Street / Bishopsgate and Wormwood Street.**
- **There has been a steady increase of damage only collisions over the last three years,**