

Highways Best Practice

Managing Vehicle Incursions through temporary traffic management

Topics Covered

- Why are incursions an issue
- What is an incursion
- What the data tells us
- How can we minimise the risk of them occurring
- Why you should report them
- How you can report them

Why are incursions an issue?

- Industry has identified that vehicle incursions into work areas is one of the highest risks to road workers safety.
- 250 incursions are continually reported between operations and major project directorates on the strategic road network, the true figure could be much higher as there is a perception that incursions are normal and accepted as part of the job.
- Unfortunately we know only too well the devastating consequences of vehicles entering works and colliding with people and / or our works vehicles causing fatality or significant damage.



What is an incursion ?

‘an intentional or unintentional unauthorised entry into temporary traffic management, by all or part of a vehicle being driven by members of the public or emergency services’.

- Intentional Incursions can be separated into three groups:
 - where the road user seeks to gain a benefit.
 - where the road user is seeking information.
 - where the road user is seeking refuge.

- Unintentional Incursions can be separated into three groups:
 - where a road user follows a works vehicle into the works in error, also known as a follow in.
 - where a road user enters the works area as a result of confusion.
 - where a road user enters the works area or traffic management as a result of a collision or to avoid a collision.

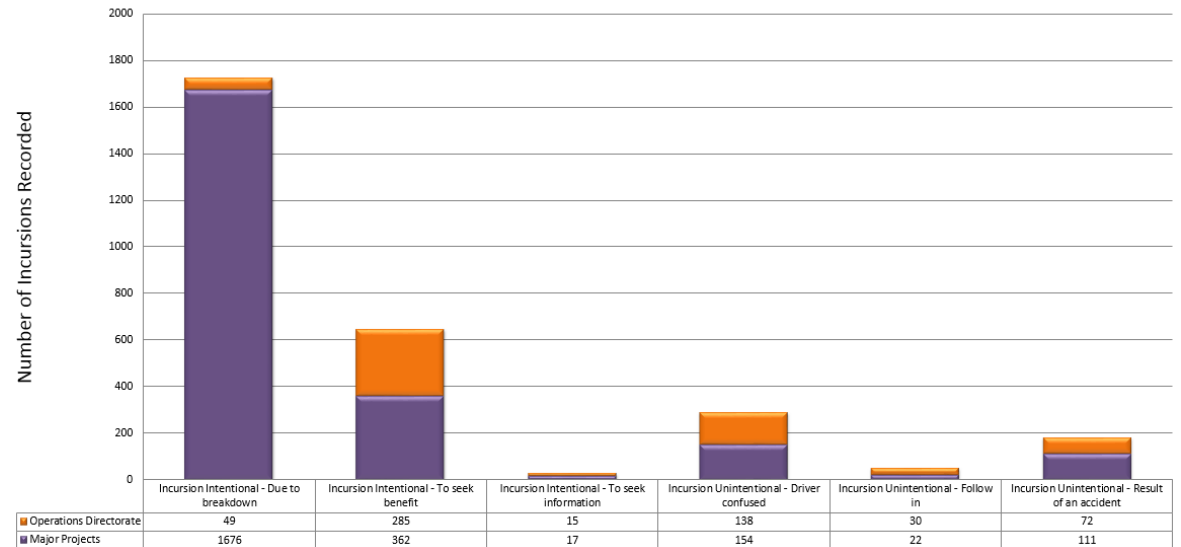
What the data tells us

The Highway's England incursions working group gathers data from across the strategic network and uses this to formulate a strategy to address the issue.

The data for 2017 indicated there were 250 incursions reported on the strategic network each month.

There is a difference in type of incursion between major projects (predominantly unintentional) and Maintenance (predominantly intentional) thought due to the common TM layouts.

Incursions by Classification (from Jan 16)



How can we minimise the risk of incursions?

Effective planning and management of the works are essential consideration should be given to;

- Effective and appropriate traffic management design (a TTM designers course is now available <https://www.theihe.org/temporary-traffic-management-professional-certificate-course/>)
- Suitable and sufficient Planning and Point of Works Risk Assessment
- Airlocks
- Entry / Exit slip closure techniques
- Use of barrier
- Intelligent alert systems
- Automatic number plate recognition systems

How can we minimise the risk of incursions?

- The highways safety hub contains multiple case studies in the HS toolkit <http://www.highwayssafetyhub.com/>
- Raising the Bar 27 – management of vehicle incursions into temporary traffic management gives further guidance on current good practice. These should be seen as elements that can complement each other to reduce risk not a one solution.



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Health and Safety toolkit



The Health and Safety Toolkit is intended to be a means of identifying the many good practices, innovations and ideas which contribute positively to health and safety.

[Find out more](#)

Raising the Bar



Highways England health and safety initiative to identify best practice, raise standards and improve supply chain engagement within construction and maintenance activities.

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Highways England Health & Safety Alerts

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Latest

Health & Wellbeing Campaign Occupational Cancers December 2017

The next campaign produced by the hub will cover [occupational cancer](#). The HSE estimates that for every worker who dies in a workplace incident 50 more die as a result of occupational cancer.

Why you should report them

In all other activities of our daily lives the behaviours shown by some motorists would not be accepted so freely by those placed at risk. If a vehicle was driven through a supermarket, hospital or school those occupying the building would be acutely aware of the hazard created by the vehicle, yet the majority of road workers accept this as part of the job.

As an industry we need to minimise the risk to ourselves and not accept this behaviour.

We need to understand the scale and scope of the issue to begin to address it.



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How you can report them

- Use your internal reporting procedures to make your manager aware as soon as it is safe to do so
- Ensure you gather key information such as;
 - Date and time – please record the exact time e.g. 1.35 a.m. It's important we can differentiate between day and night time incursions.
 - Location – as accurate a description as possible.
 - Your name and company details.
 - Description of the event and vehicle details
- Managers make sure your SHE team are made aware
- SHE Teams please ensure that data is uploaded into the Highways England AIRSWEB

