

SMART ROAD SAFETY: NEAR MISS

Cyclists & Motor vehicles

Viva's Road Safety Solution is the first of its kind to allow authorities insight into where near misses are occurring and track the success of interventions to make roads safer.

With Viva's revolutionary Near Miss data, **authorities can be proactive in their road safety schemes**, prove intervention results, and justify expenditures.

HOW CAN VIVA'S SMART ROAD SAFETY OFFERING HELP MY AUTHORITY?

1. Make the right decisions with trusted data

Near Miss provides objective and unbiased data through consistent near miss measurements.

2. Evidenced-based decision making

Justify expenditures on road safety interventions and prove results to stakeholders.

3. Discover road safety hazards & intervene early

Understand where, when, why, and how near miss interactions are taking place and proactively intervene. Promote safe active travel within your community.

4. Post-intervention analysis

Compare near miss counts before and after an intervention to measure effectiveness

WHAT KIND OF DATA DO I GET?

- > Total near miss events
- > Severity of near misses (speed)
- > Average number of events per weekday
- > Trend analysis
- > Average number of events per hour
- > Video playback

*A near miss is classified by proximity and/or post-encroachment time between a cyclist and a motor vehicle user.

If you'd like to learn more about the technical analysis of Near Miss, [please reach out to us](#).

Viva Near Miss data provides insights on the most common near miss scenarios:



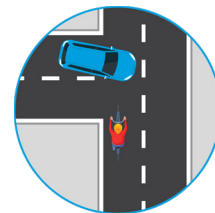
CYCLIST'S WAY BLOCKED

When a cyclist's way is blocked by an obstruction e.g - a parked car.



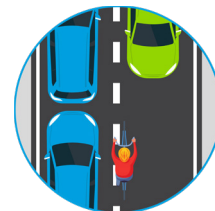
PROBLEMATIC PASS

When a motorist gives too little space when overtaking a cyclist.



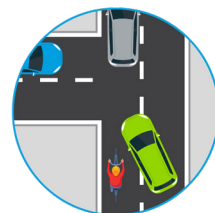
VEHICLE PULLING OUT

When a driver pulls out or in across a cyclist's path.



A CYCLIST IS DRIVEN AT

When a driver continues straight on a narrow road forcing the cyclist to pull or swerve into a sidewalk.



NEAR LEFT / RIGHT HOOK

When a motorist (or cyclist) turns left/right across the cyclist's path.



TAILGATING

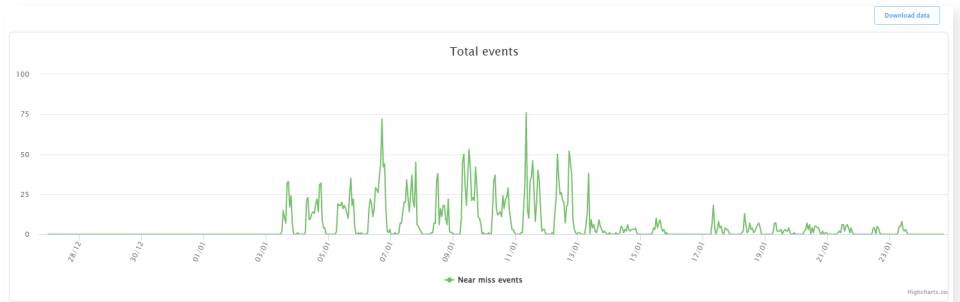
When a driver follows a cyclist too closely without passing.

Diagrams and near miss scenario descriptors have been adapted from the [Near Miss Project](#) led by the University of Westminster.

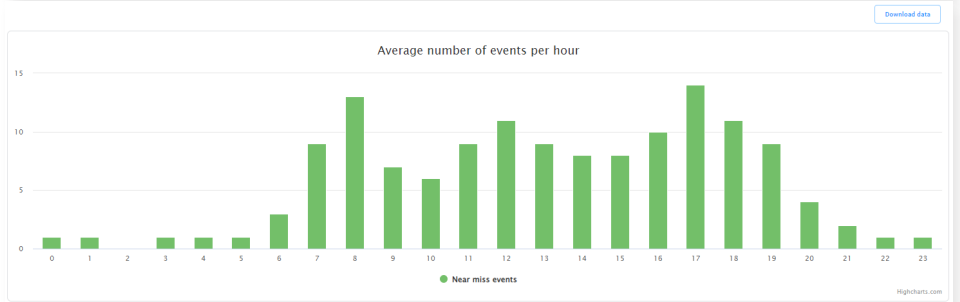
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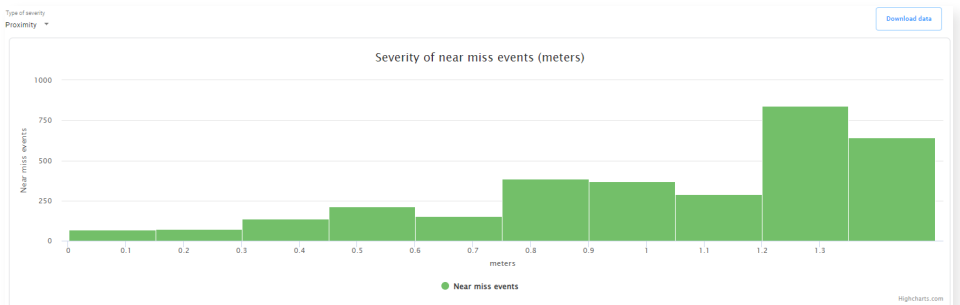
✔ **Detects trends over a selected date and time range**



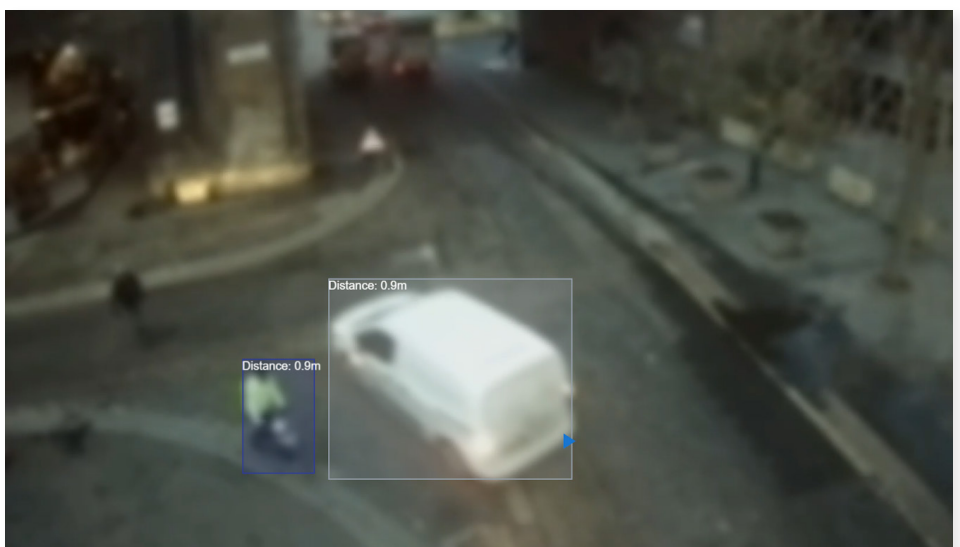
✔ **Splice the data to look at different days and times**



✔ **See severity distribution metrics for the near misses in your selected date range**



✔ **View near miss clips**



Want to learn more about Near Miss?
[Book a live demo today!](#)