

National Road Safety and Road Policing Deployment Dashboards

National Road Safety Dashboard (NRSD)

Developed in 2018 this ArcGIS dashboard supports users all over the business to easily access information and see how they can improve deployment and prevention.

The dashboard enables users to collect, custom select, conduct in-depth analysis and export any road policing information from 2018. With daily updates we can provide the user almost real time information for calls for service, prevention activities, infringements and crashes. Additional information includes Waka Kotahi MegaMaps to assess different risk types with Road Policing datasets for a complete view of the risk on New Zealand's road network.

It also enables users to keep Road Policing and Road to Zero and the front of their mind.

This dashboard is complementary to the Road Policing Deployment Dashboard (RPDD).

Road Policing Deployment Dashboard (RPDD)

Developed in 2022, this dashboard is designed to support data informed and evidence-based road policing deployment decisions, to better align with general deterrence principles.

A general deterrence approach, using high dosage, unpredictability of enforcement, and network coverage, motivates drivers to comply not because they are caught, but because they believe the chances of being apprehended are high everywhere.

The dashboard enables Police to take a more structured and formal approach to understanding the deployment of road policing resources, ensuring finite resources are deployed to the right places at the right time.

A user can see locations mapped that have had low levels of recent police activity, and analyse the type of activity occurring (e.g. breath testing, mobile speed cameras) to identify any gaps.

We are focused on embedding these tools across the Police Districts to ensure New Zealand Police deploy to risk and support our partnerships in reducing road harm.