

# What defines a high-risk rural road

## High-Risk Rural Road Guide

- High fatal and serious crash rate or density compared to other roads
- High or **Medium-High** Collective or Personal KiwiRAP Risk Rating (**Red** or Black route)
- High or **Medium-High** Risk in terms of HRRRG figures 4.1 and 4.2 with a minimum of 3 Fatal +Serious crashes in 5 years ( or 5 in 10years)
- KiwiRAP 1 or 2 Star Road (Road Protection Score >10) with potential to generate 3 F+S crashes in 5 years.
- Road Infrastructure Safety Assessment (RISA) score > 2.5

# Potential High-risk Local Roads

- Identified in conjunction with RCAs
- Individual roads connected to create longer corridors
- Desirable minimum AADT > 500 vpd
- Crash period: 10 years (2001-10)
- Minimum number of crashes: 5 fatal & serious in 10 years
- KiwiRAP Risk Ratings assigned

# KiwiRAP Risk Ratings

RISK RATING	COLLECTIVE RISK Average annual fatal and serious injury crashes per km	PERSONAL RISK Average annual fatal and serious injury crashes per 100 million vehicle-km	COLOUR
Low	$\leq 0.039$	$< 4$	Green
Low-medium	$0.04 \leq 0.069$	$4 \leq 4.9$	Yellow
Medium	$0.07 \leq 0.10$	$5 \leq 6.9$	Orange
Medium-high	$0.11 \leq 0.189$	$7 \leq 8.9$	Red
High	$0.19+$	$9+$	Black