

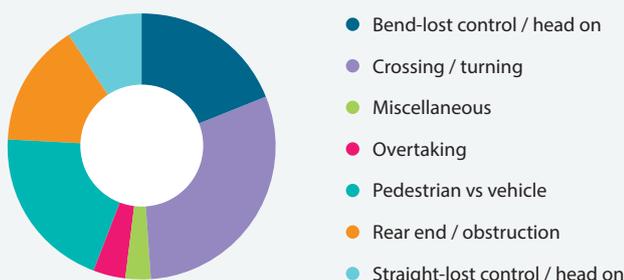
# NELSON TASMAN COMMUNITY SPEED LIMIT SURVEY

## LOCAL STATISTICS

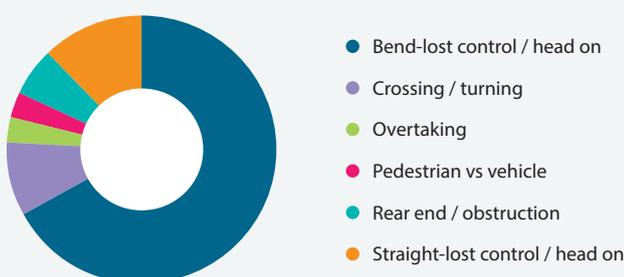
Tasman and Nelson local roads, fatal and serious crashes



Urban road crash movement categories



Rural road crash movement categories



## EFFECTS OF SPEED

Available data for our roads shows that excessive speed was a causative factor in around a quarter of fatal or serious crashes. However, speed is a risk factor for absolutely all accidents, ranging from the smallest fender-bender to fatal accidents.

Studies have definitively shown the very strong relationship between speed and road safety. In fact, there is no other risk factor that has a more powerful impact on accidents or injuries than speed. While it may be possible to offset the impacts of higher speed to some extent by introducing other road safety measures, a reduction in speed will almost always improve road safety.

The number of fatal and serious crashes on our roads has been increasing over the past five years. We're hoping to change that by setting speed limits that encourage drivers to select "safe and appropriate speeds" for each road environment and function.

## ROAD CRASH MOVEMENT CATEGORIES

The crash data for our fatal and serious crashes shows the most common movement types.

### Urban

1. Crossing / turning
2. Pedestrian versus vehicle
3. Lost control / head on

Our urban roads can be very busy with a lot of different activity including pedestrians, cyclists, and busy intersections often creating complex scenarios for drivers. The survivability of car versus pedestrian or even car versus car (side impact) is affected by speed – at 50km/h a pedestrian has a 20% chance of surviving a vehicle impact; at 30km/h the survival rate increases to 90%.

### Rural

1. Bend-lost control / head-on

Our rural roads are varied, some are scenic and enjoyable to drive but they can also be dangerous and unforgiving. Our roads typically are narrow, have unforgiving curves and have many hidden hazards.

None of our roads have extensive safety features like the guardrails and safety zones that are being added to some state highways.

Our communities have a role to play in assessing the risks of these roads and encouraging drivers to select safe and appropriate speeds for each road environment.