

## **SPEED AND SPEED LIMITS**



## Rural

- 100km/h default
- 50 km/h Rural and Outer Metro Town Centre Limits
- 110 km/h on rural freeways

## Metro

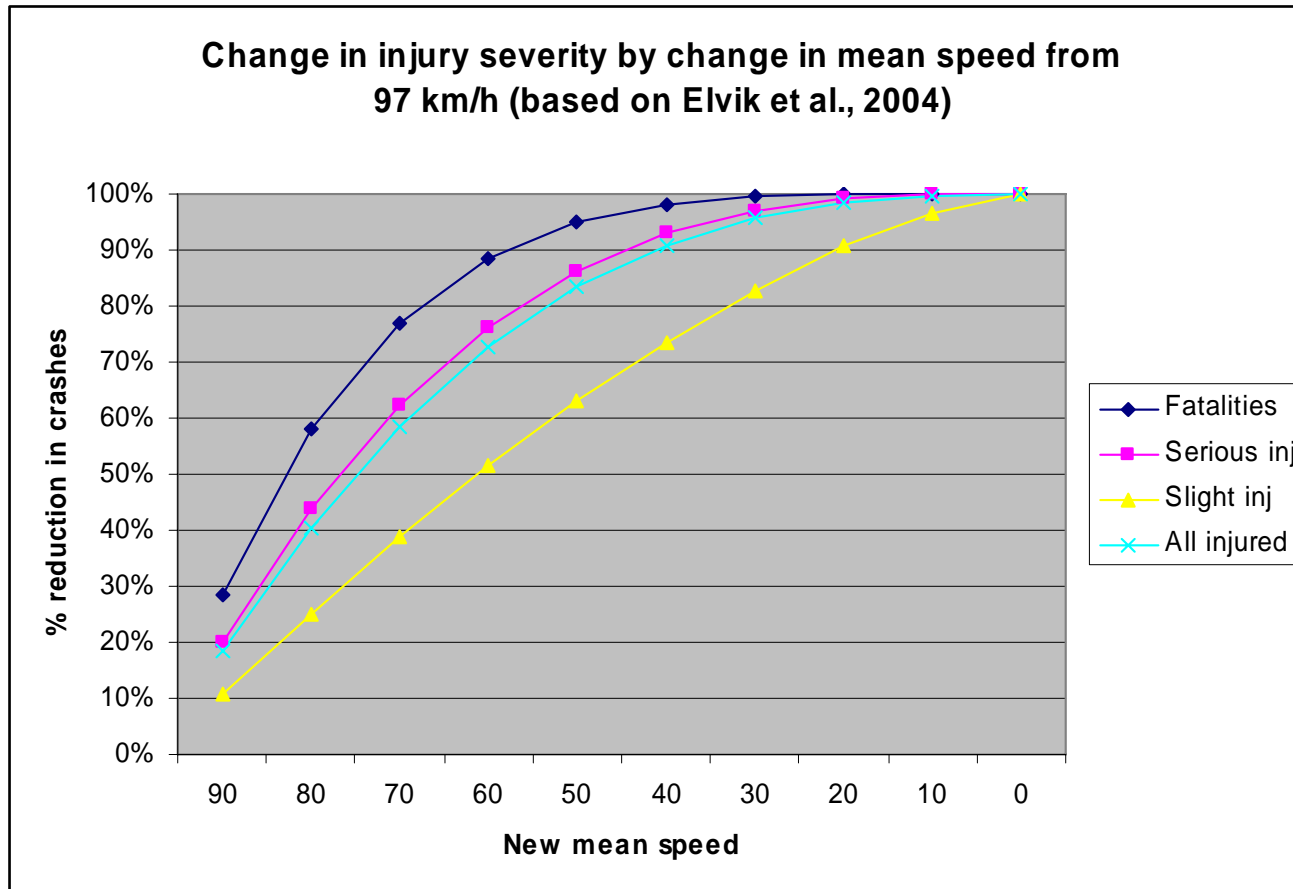
- 50 km/h default
- 60, 70, 80, 90, 100 on arterial roads depending on standard
- 40 km/h school and strip shopping centre zones

- Parliamentary Road Safety Committee/Speed Limits Advisory Group
  - 100km/h default/Roadside hazards/When can't afford improvements;
  - Safe System
  - Standards for 110km/h
- School speed zones;
- Strip shopping centre;
- Unsealed road speed limits.

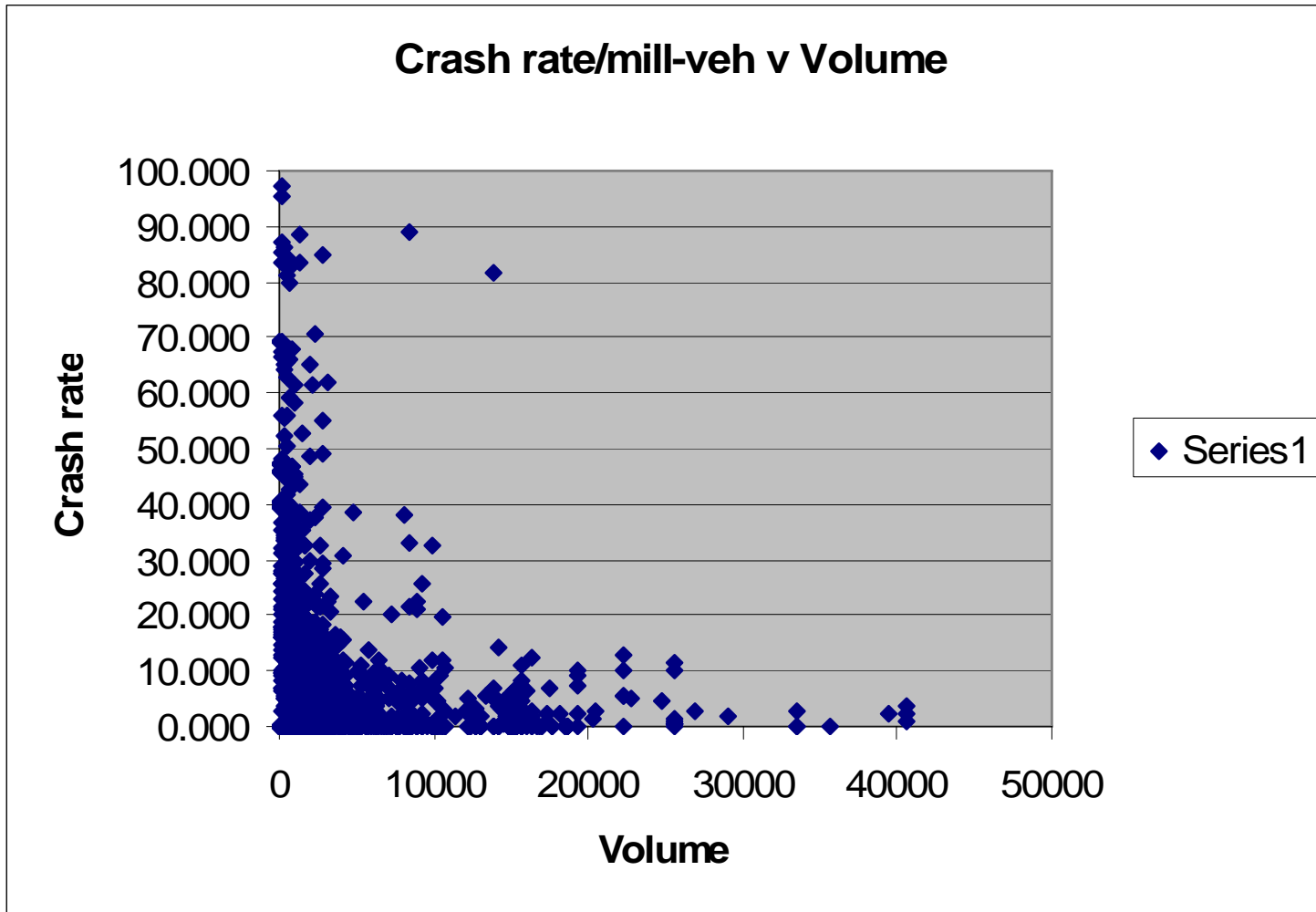
Major differences between a Safe System speed limits and current speed limit guidelines:

- Intersections with no control (particularly rural) 50 km/h (100 km/h);
- Undivided rural roads 70 km/h (100 km/h);
- Rural roads with roadside hazards (particularly without safety Infrastructure features) 30-40km/h (100 km/h);
- Motorcyclists as road users 30 km/h (100 km/h)
- Pedestrian areas 30-40 km/h (40 km/h)

# Possible Approaches- Max. safety benefits, Min. travel time costs



# High risk locations



Combination of :

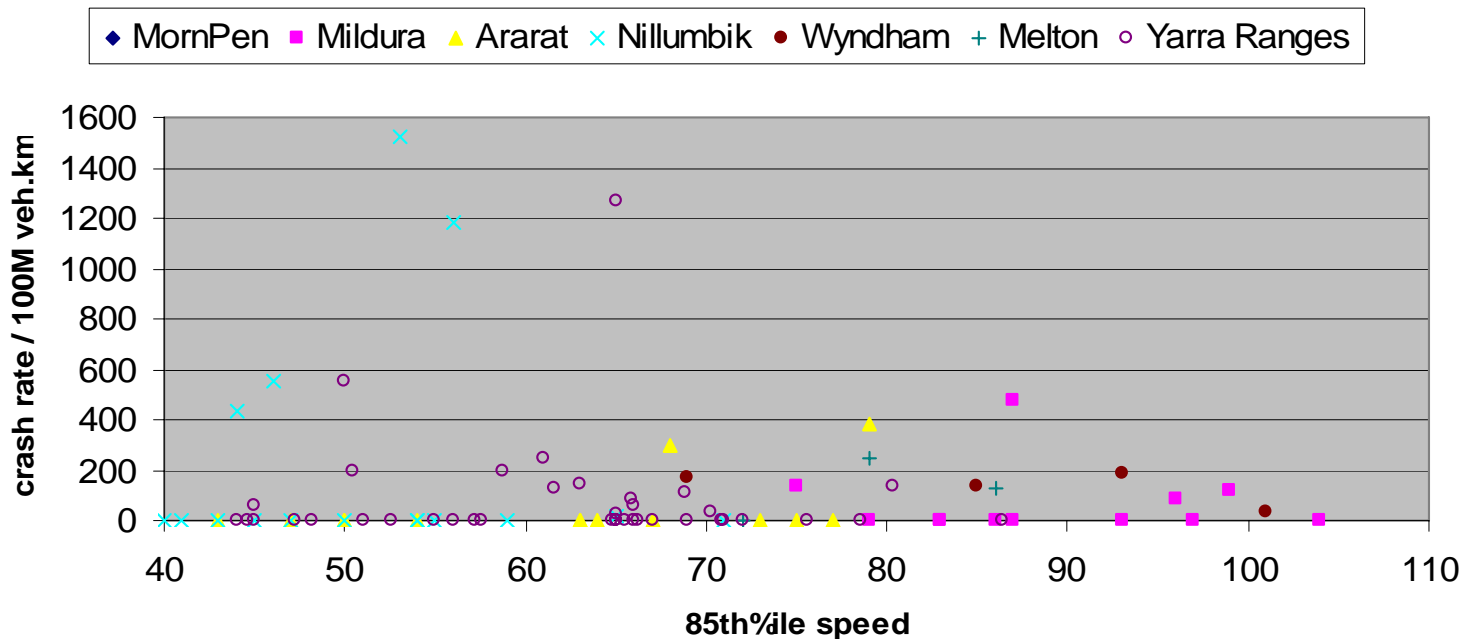
- Speed advisory signs both static and active;
- Behavioral modification treatments;
- Speed limits.

- 364 crashes including 117 pedestrian crashes in 2005 within 250m of school centroid in school travel hours;
- Approximately 20% reduction after introduction of school speed zones;

- Education campaign;
- Advance Warning Signs;
- Electronic Speed Limit Signs on 70 km/h roads (extended to highest volume 60 km/h roads);
- Replace buffer zones with advance warning signs;
- Review of short zones.

- 17% reduction in pedestrian crashes (8% reduction in all crashes) at treated sites;
- BCR of 8 for trial locations;
- Extension of program (5 locations for 08/09)

### Speed Limits on Unsealed Roads Crash Rate vs 85th%ile speed



- Differing opinions amongst municipalities;
- Most unsealed roads have 85<sup>th</sup> percentile speed below 80 km/h;
- Impact of signed limits on unsealed roads
  - Increasing speeds?
  - Variable conditions.