

# What are you achieving by travelling faster?

***Does travelling at a high speed get us to where we are going quicker and in the safest possible way?***

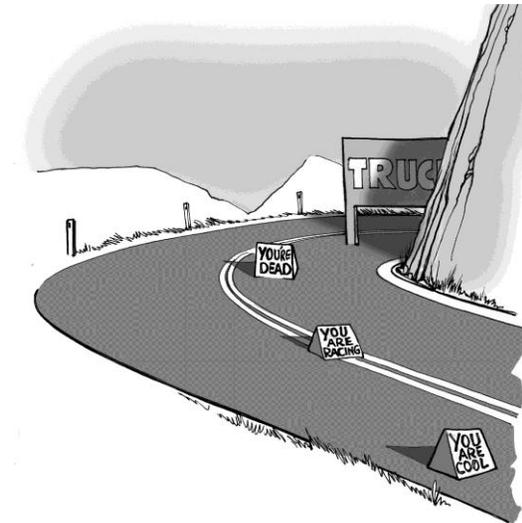
The answer is no! How is this possible you ask? Well, it is based on physics and facts

In a perfect world with no outside influences, perfect roads, no wild life, no traffic lights, signs, no police, competent driver, best vehicle, perfect weather conditions and so on..... The answer may be yes but in real life this is not so.

The graph below shows you the difference in time when travelling at higher speeds in a perfect world and the list below is what needs to be taken into consideration when travelling at a higher speed.

Speed kph	Trip length	Time diff for total trip
80 v 100	1km	9 seconds
20 kph diff	5 km	45 sec
	10 km	1 min 30 sec
	50 km	7 min 30 sec
	100 km	15 min
Speed	Trip	Time
110 v 120	1km	3 seconds
10 kph diff	5 km	13 sec
	10 km	27 sec
	50 km	2 min 16 sec
	100 km	4 min 32 sec
Speed	Trip	Time
120 v 130	1km	2 sec
10 kph diff	5 km	12 sec
	10 km	24 sec
	50 km	1 min 56 sec
	100 km	4 min

- Which speed is best for the conditions?
- Gravel or tarmac Surfaces
  - Time of day
  - Is the sun a problem?
  - Is it night time with restricted vision?
  - Are you speeding?
  - How much is this going to cost you?
  - Is this a high wildlife area?
  - Am I in breach of company policy?
  - Can I lose my job?
  - Will I need remedial training?
  - How tired and alert am I?
  - When was my last break?
  - Can I stop in time in case of emergency?
  - Can I make the bend?



**The last and most important, am I safe and will make it home to my family?**

### Can you really stop in time?

- At 100kph it takes approximately 127 metres to stop.
- At night the average low beam allows you to see 30 metres ahead at best and high beam 60 metres.
- Where is that kangaroo?

