How Fast is TOO FAST?

A discussion on the

Need for Speed

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Love/Hate Relationship
9 you’re fine - 10 you’re Mine!
Did you know?

Most Speed Related Crashes occur on roads with Speed Limits under 50MPH.
It’s Speed not Speeding

If you speed:

1. You have less time to avoid crashes
2. You have less control over the vehicle
3. It lengthens your stopping distance
4. It increases the likelihood of crashing and
5. increases the severity of the crash
GHSA Report
Speeding Away from Zero

Progress on reducing speeding fatalities is at a standstill. From 2001-2017, speeding has contributed to between 26% and 32% of traffic fatalities each year.

Source: NHTSA Fatality Analysis Reporting System

The average risk of death for a pedestrian rises dramatically as speeds increase.

Source: AAA Foundation for Traffic Safety
But Not Me?

If everybody speeds, how come you're passing them?

MNE COMMUNITY ROAD SAFETY COUNCIL

RoadSafe
Have you ever....

- Have you ever run a yellow light?
- Have you ever weaved between lanes to be at the head of traffic?
- Have you ever driven 5 MPH or more over the speed limit?
- Have you ever been angry or upset thinking traffic was moving too slow for your liking?
- Have you ever tried to beat your arrival time on your GPS?
From the movie Starman, 1984
Can Reducing your speed by just 3 mph make a difference?
Yes!

6 meters = 20 feet
Hit at 32 kph = 20 mph
p/r 65 kph = 40 mph
60 kph = 37 mph
5 kph = 3 mph

20 is plenty!
Overdriving your Headlights

AAA testing found that, at speeds greater than 45 mph*, headlights may fail to safely illuminate unlit roadways.

*Halogen Projector Headlights  **AASHTO

By the time the driver sees something, or someone, in the roadway, it may be too late to stop.

Perceive  React  Brake  Stop

Stopping Sight Distance** 492 feet

Low Beam Range: 400 feet

92 feet

55 mph

NewsRoom.AAA.com
Are You a Safe Driver?
How much time do you Really Save?
30-Mile Trip at different speeds

• 55 miles per hour
  • 32.7 minutes
• 65 miles per hour
  • 27.7 minutes (5 minutes saved)
• 75 miles per hour
  • 24 minutes (8.7 minutes saved)
Do the Math

• Formula: Distance/mph x 60 (minutes)
• Example: 30/75 = .4 x 60 = 24 minutes
• This math assumes you can maintain a constant speed without slowing down for traffic, signals or curves in roads.
In reality, you’d probably save only 4 minutes, at best. And keep in mind, most trips are short. The average time saved on a 5-mile trip, driving 65 mph on a 45 mph posted road, is only

1.9 minutes.
We are killing ourselves with

Maximum Effort - Little Reward
What is the Phantom Traffic Jam?
The Phantom Traffic Jam
Cascading Failure
What it looks like in Real Life
Who Me?

Drivers know speeding is dangerous, yet don’t believe they will:

- Get a ticket
- Cause a crash
- Violate social norms

“Yes, Mr Police Officer. I did see the speed limit. I just didn’t see you.”

Source: NHTSA Fatality Analysis Reporting System
When it comes to Speed - Drivers Worry More About Getting Caught than Getting Hurt

The Best Safety Device is a Rear View Mirror with a Cop in it. -Dudley Moore
Tortoise or the Hare?
Slow and Steady Wins the Race
Your Speed Does Not Matter - Forward is Forward

Festina Lente!
Please Drive Safely
Thank You