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# Speeding Dangers

## 28% of fatal crashes are speeding related<sup>1</sup>

The traffic fatality rate increased 21% from 2019 to 2021.<sup>2</sup>

Primary Cause — Dangerous driving increased substantially during and since the pandemic:

- Speeding
- Distracted driving
- Drugs and alcohol
- Not wearing a seatbelt



- Give yourself plenty of time to make the trip
- Follow the speed limit
- Lower your speed as road and traffic conditions worsen

## 2 minutes saved = 56% increased chance of fatal crash

On a 20-mile trip, the time saved by going 80 mph compared to 70 is 1 minute and 51 seconds.

Fatal crash risk increases 4% for every 1% increase in speed.<sup>3</sup>

## Are the few minutes saved worth the additional risk?

## Why higher speeds are more dangerous:



**Impact energy increases exponentially.** A 50% increase in speed (40 to 60 mph) results in a 125% increase in crash energy.<sup>4</sup>



**Braking distances increase exponentially.** Every time your speed doubles, your stopping distance quadruples.<sup>1</sup> Longer stopping distances result in more frequent rear-end collisions.

**Speeding often results in more lane changes and passing,** which increases the likelihood of an accident.

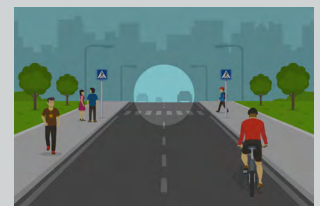


**Loss of control is more likely** when driving in inclement weather or when making evasive maneuvers.

**Tunnel vision occurs.** A narrowing of peripheral vision occurs as speed increases, making it more difficult to see hazards to the side of the road.<sup>5</sup>



10 to 15 mph



45 mph

<sup>1</sup> National Center for Statistics and Analysis. (2022, June). Speeding: 2020 data (Traffic Safety Facts, Report No. DOT HS 813 320). National Highway Traffic Safety Administration.

<sup>2</sup> National Center for Statistics and Analysis. (2022, September). Early estimate of motor vehicle traffic fatalities for the first half (January-June) of 2022 (Crash Stats Brief Statistical Summary, Report No. DOT HS 813 376). National Highway Traffic Safety Administration

<sup>3</sup> Speed and crash risk, International Traffic Safety Data and Analysis Group, Research Report 2018

<sup>4</sup> Insurance Institute for Highway Safety, Highway Loss Data Institute, www.iihs.org/topics/speed

<sup>5</sup> The Effects of Speed On Your Driving Ability: It's Not Just About Braking (epermittest.com)