



# Speeding & Street Racing

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Youth Transportation  
**SAFETY**  
PROGRAM

**NAPPP**  
National Association of  
Peer Program Professionals

Certified  
Peer  
Program

# The Problem

**Speed** is one of the **most prevalent factors** contributing to serious and fatal crashes for all drivers.

**Almost half** of young driver & passenger deaths occur in speed-related crashes.

In teen crashes, speed has **increased** over the last 10 years even while the number of total teen fatalities has **decreased**.

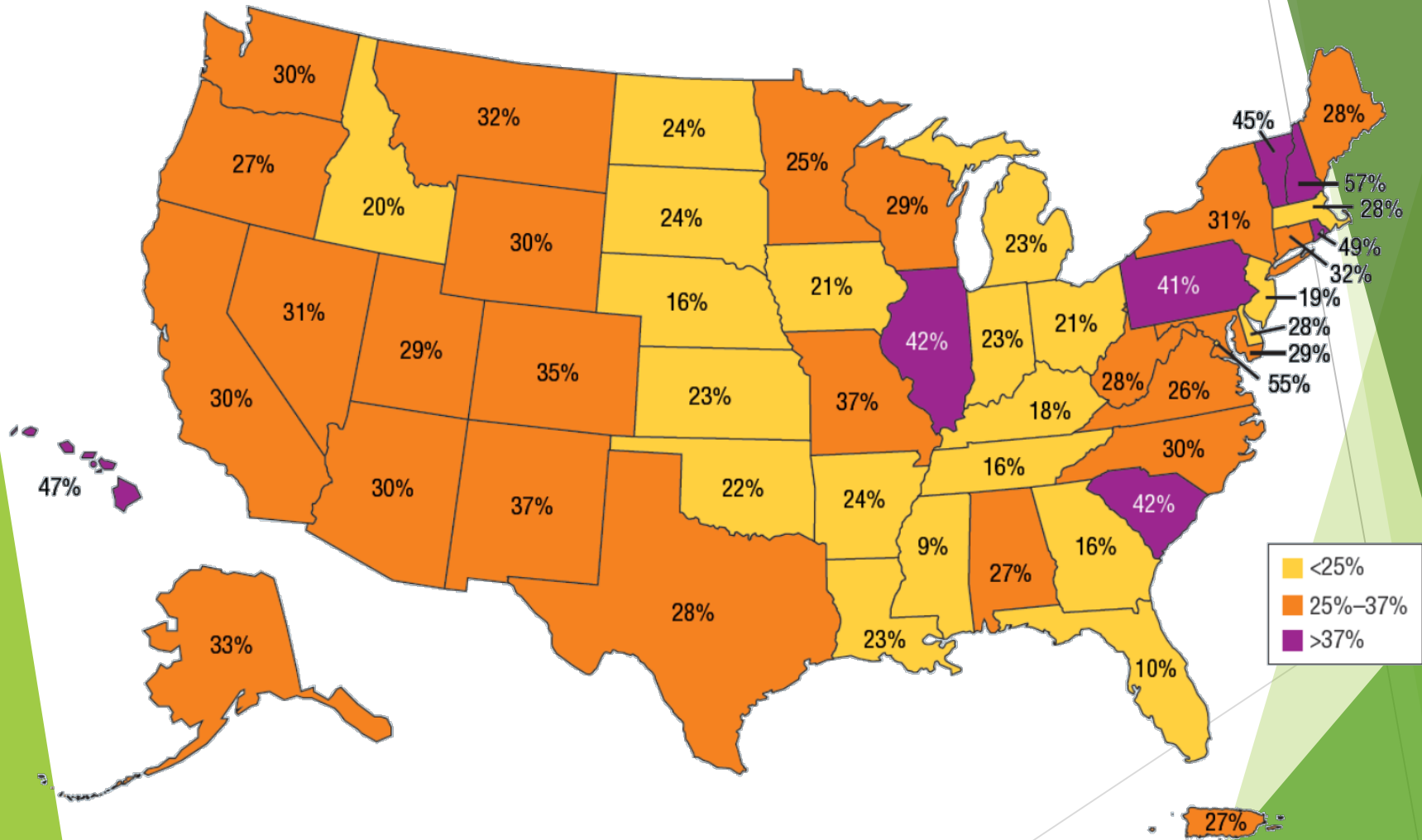
**2017**

**9,717 died / 26% of all fatalities**

# The Nationwide Numbers - 2017

- ▶ 9,717 people were killed in speed-related crashes (an average of 26 deaths per day)
- ▶ 26% of traffic fatalities involved at least one speeding driver
- ▶ 31% of male drivers & 18% of female drivers, age 15-20, involved in fatal crashes were speeding, the highest among all age groups.
- ▶ 37% of all speeding drivers in fatal crashes were alcohol-impaired.
- ▶ 47% of speeding passenger vehicle drivers were not wearing seat belts at the time of the crash.

# Percentage of Speed-Related Fatalities 2017 - By State



# The Culture of Speed

## Sure, I speed...so what?

- The vast majority of drivers admit to speeding.

## Increasing speeds

- Posted speeds have increased nationwide over the last 2 decades.

## What's the big deal?

- Unless speeding is seen as a dangerous behavior, it will continue to be difficult to address.

# The Physics of Speed

Increases  
time from  
detection to  
reaction

How speed  
influences  
crash risk

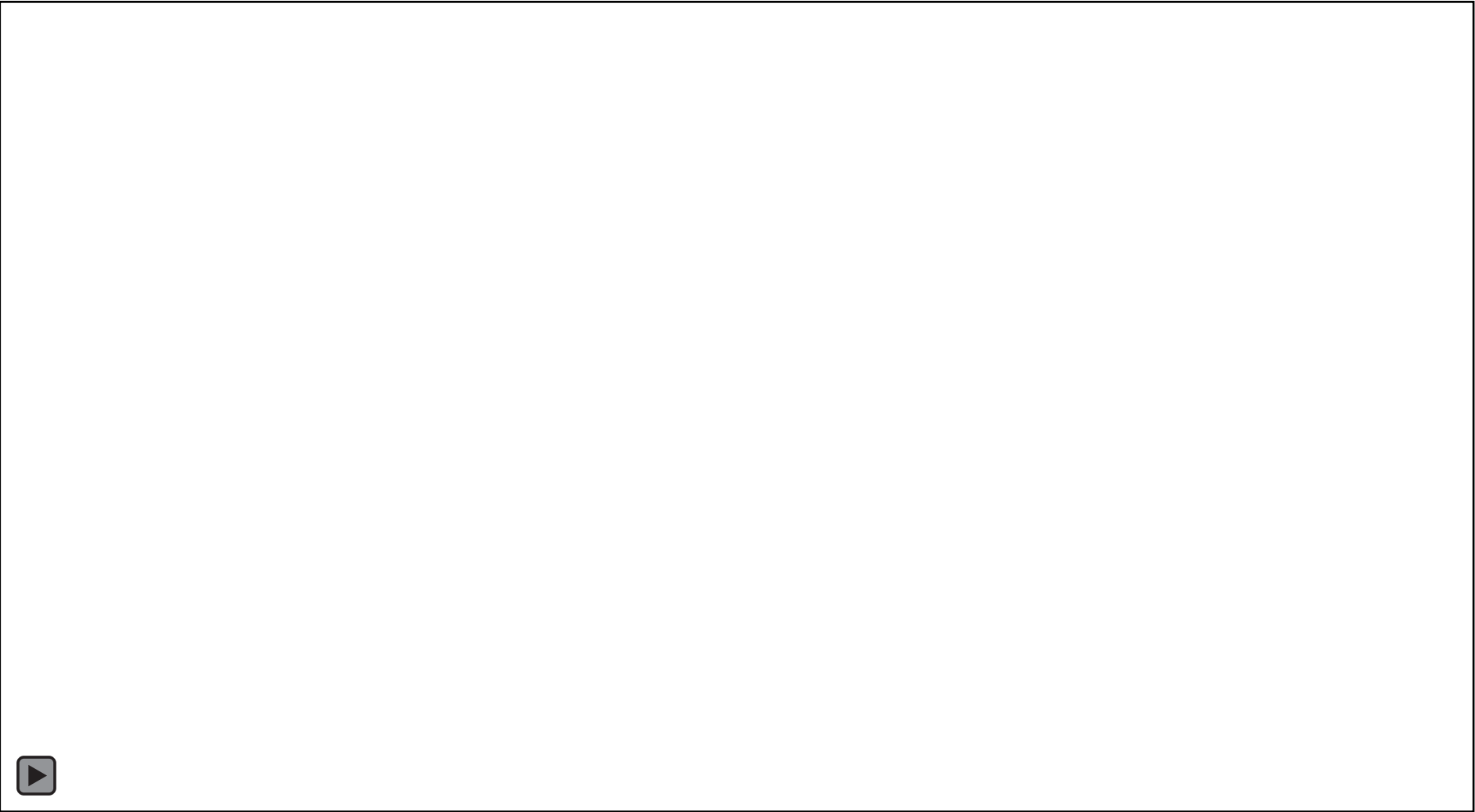
Braking  
distance  
increases

Crash energy  
increases  
exponentially

# ***DID YOU KNOW?***



***Accelerating from 30 mph to 60 mph  
quadruples the distance needed to stop.  
At 55 mph, it takes about 6 seconds to stop;  
in that time, you will travel an additional  
300 feet, the length of a football field.***





# Compromised Safety Features

In a high speed crash, passenger vehicles:

- ▶ Cannot withstand the force of a crash
- ▶ Cannot maintain the passenger compartment
- ▶ Restraint systems (air bags & seat belts) cannot keep forces on occupants below severe injury levels

## Teen Killed in Car Crash

A 16-year-old passenger was killed and driver transported to an area hospital following a single car crash on HWY 121 Thursday. The car was traveling at an unsafe speed when the driver lost control of the vehicle and collided with a guide sign in the center median...



To learn more about Nicole and the initiative her family started to raise awareness and end such preventable crashes, please visit their website at [www.nickelfornicole.com](http://www.nickelfornicole.com).

# Call to Action

- ▶ Peer-to-peer WORKS!
- ▶ Increases awareness of all teen driving risks
- ▶ Decreases crashes involving teens
- ▶ Science provided by Texas A&M Transportation Institute
- ▶ Guidance provided by a Teen Advisory Board



# Quiz Time

Let's see what you have learned!  
(there are only 3 so don't panic)

# Question #1

\_\_\_\_\_ % of traffic fatalities in 2017 involved at least one speeding driver.

- A. 10
- B. 55
- C. 26
- D. 75

## Answer: C

26 % of traffic fatalities in 2017 involved at least one speeding driver. This resulted in 9,717 lives lost - an average of 26 deaths per day.

## Question #2

Travelling at 55 mph, it takes about \_\_\_\_\_ seconds to come to a stop.

- A. 6
- B. 3
- C. 9
- D. 12

## Answer: A

At 55 mph, it takes about 6 seconds to stop; in that time, you will travel an additional 300 feet, the length of a football field.



## Question #3

What age group had the highest involvement in speed-related fatal crashes?

- A. 21-25
- B. 15-20
- C. 18-23
- D. 70-75

Answer: B

31% of male drivers & 18% of female drivers, age 15-20, involved in fatal crashes were speeding, the highest among all age groups.

Thank you for  
watching our video!

To learn more about  
speeding and the other  
risk factors that lead  
to motor vehicle crashes,  
visit

[t-driver.com](http://t-driver.com)

and follow us on our  
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