

# Utah Department of Transportation

Managing Utah's Transportation Needs - Today and Tomorrow

**zero<sup>®</sup>**  
**Fatalities**

*A Goal We Can All Live With*

**UTDOT**  
[udot.utah.gov](http://udot.utah.gov)



Preserve  
Infrastructure



Optimize  
Mobility

**zero**<sup>®</sup>  
**Fatalities**

Zero  
Fatalities



Strengthen  
the economy

## Four Strategic Goals

# **zero<sup>®</sup> Fatalities**

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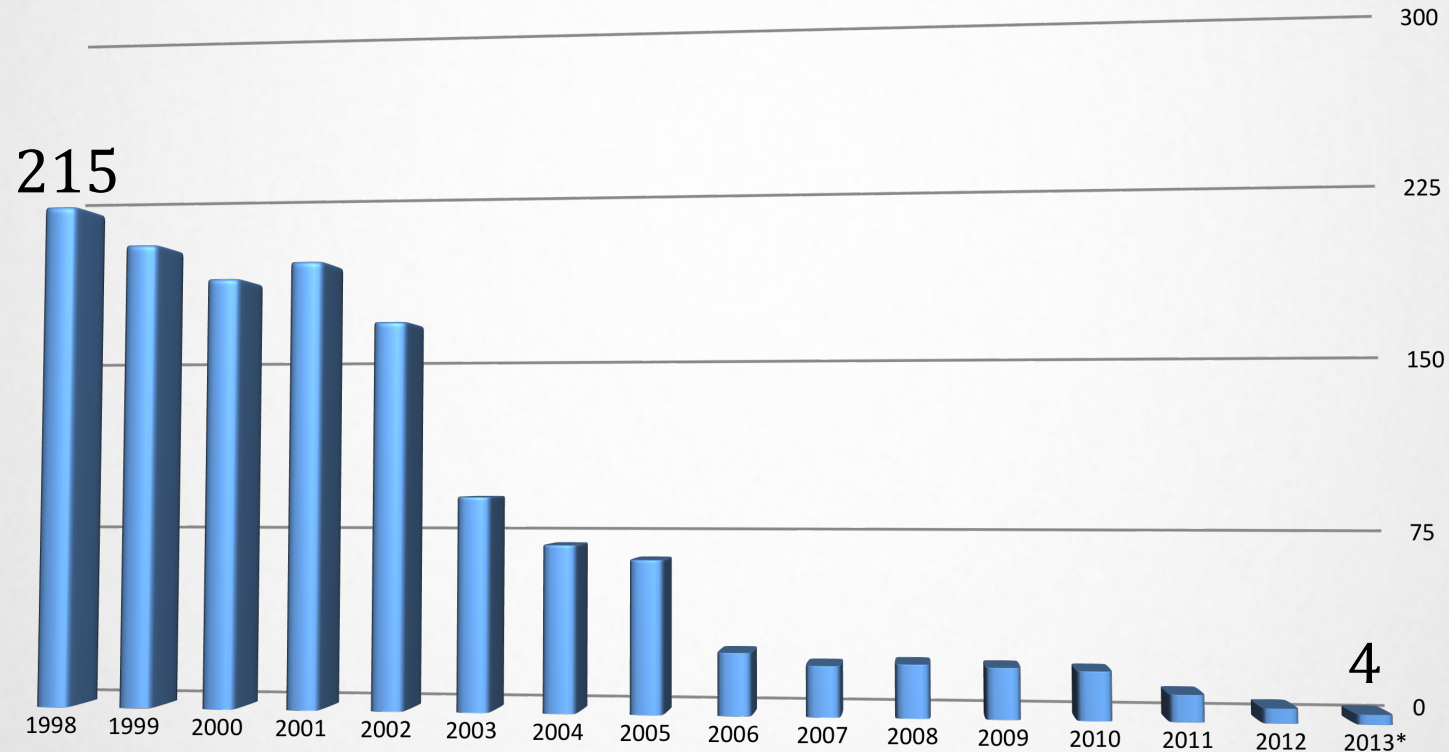
*A Goal We Can All Live With*

A UDOT Program



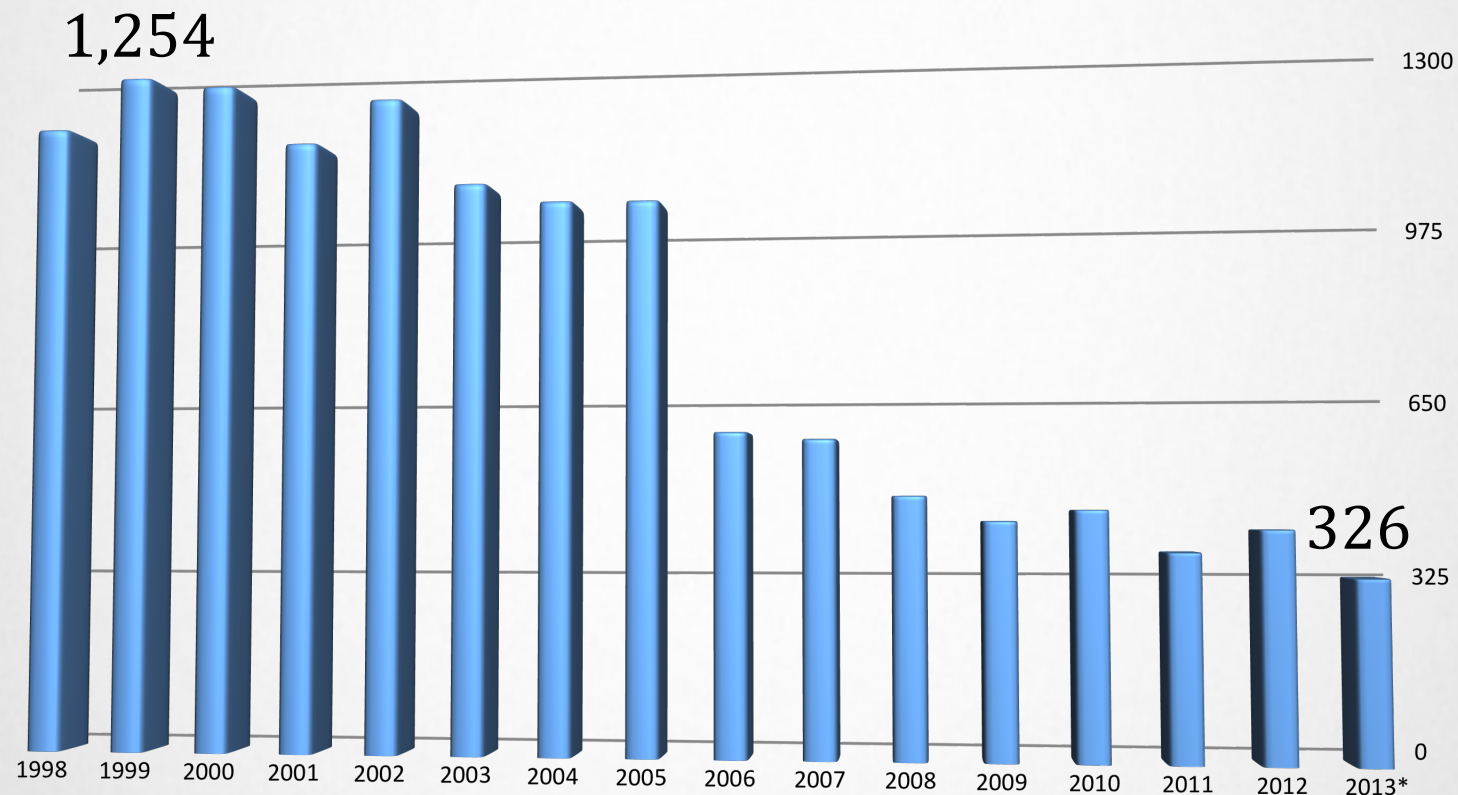
# Engineering

## Crossing the Median



\*as of November 2013

## Vehicle Left the Roadway



\*as of November 2013



## Cable Barriers



## Rumble Strips

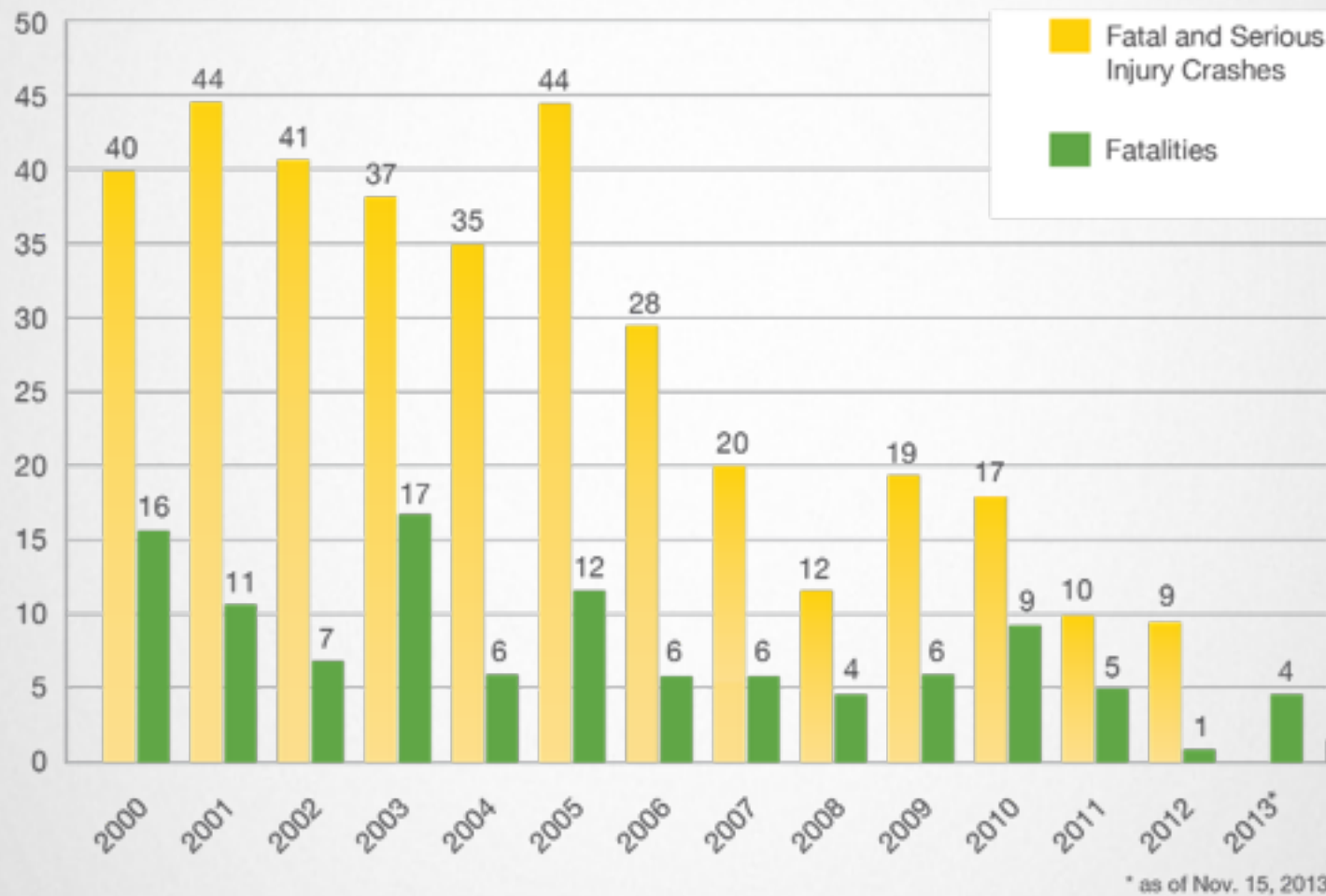




## Crash Cushions



## US-6 Crash Statistics - US-89 to I-70



## Roadway Signage





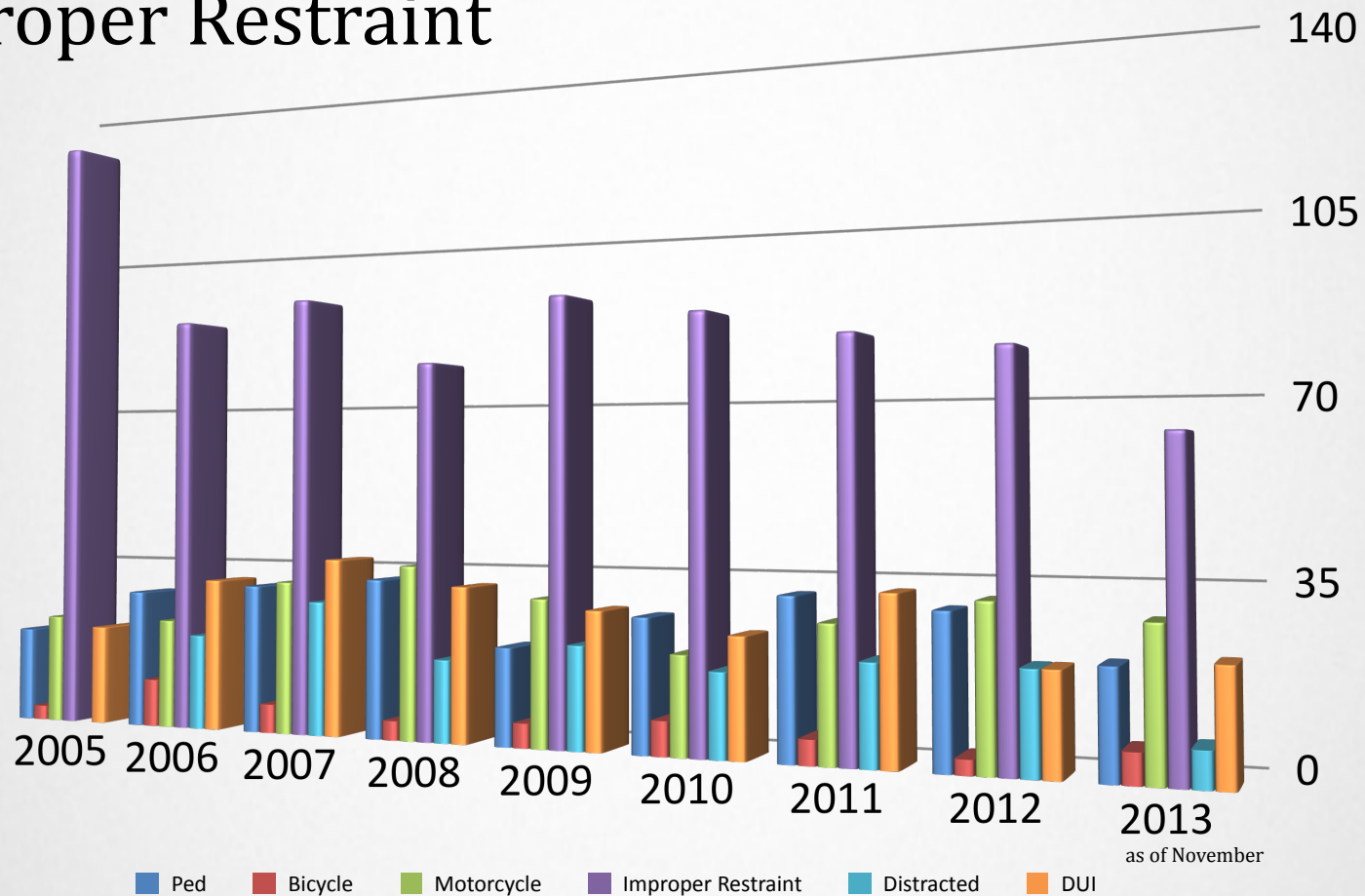
# People



Drowsy Driving  
Distracted Driving  
Aggressive Driving  
Impaired Driving  
Unbuckled

Utah Driver Behaviors

## Improper Restraint



Ashli's Dad

## **Weight x Speed = Restraining Force**

If you weigh 130 pounds and you are traveling 60 mph, how many pounds of pressure do you need to exert to stay in place?

**7,800**  
**Pounds**







Unrestrained Motorist

# Seat Belt Usage Data

People not wearing a seat belt are



more likely to be ejected from a vehicle during a crash.



3 out of 4 people who are ejected during a crash die from their injuries

Chelsie Hill



# How do we continue to reduce the fatalities?

Going to the next level



# Current Seat Belt Laws



# Seat Belt Usage Data



are the single most effective traffic safety  
device for preventing death and injury

“I almost always wear my seatbelt”





“I can handle myself in the car.”

# Seat Belt Usage Data



Wearing a seat belt also helps the driver stay in the driver seat and helps maintain control of the vehicle.



Over the last five years, more than half of all people (52%) who died on Utah's roads weren't buckled.

Excludes pedestrians, bicycle, bus occupants and motorcycle fatalities.



“We cannot take the freedom of choice  
from people. They must chose for  
themselves.”





“It only impacts me.”

# Seat Belt Usage Data

In a crash, unbuckled passengers  
can become a projectile and increase the risk  
of hurting or killing others in the car by

**40%**

# Seat Belt Usage Data

Average seat belt use is



higher in states with a primary seat belt law. Research shows that about half of the unbuckled fatalities over the past five years - 200 people - could have been saved if a seat belt had been properly used.





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