### Webinar 2016 Overview

Fatality Analysis Reporting System (FARS)

> November 21, 2017 November 28, 2017



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### **Information Presented**

- Overall fatality picture
- Ten-year trends
- Behavioral factors
- Road user category
- Region/State



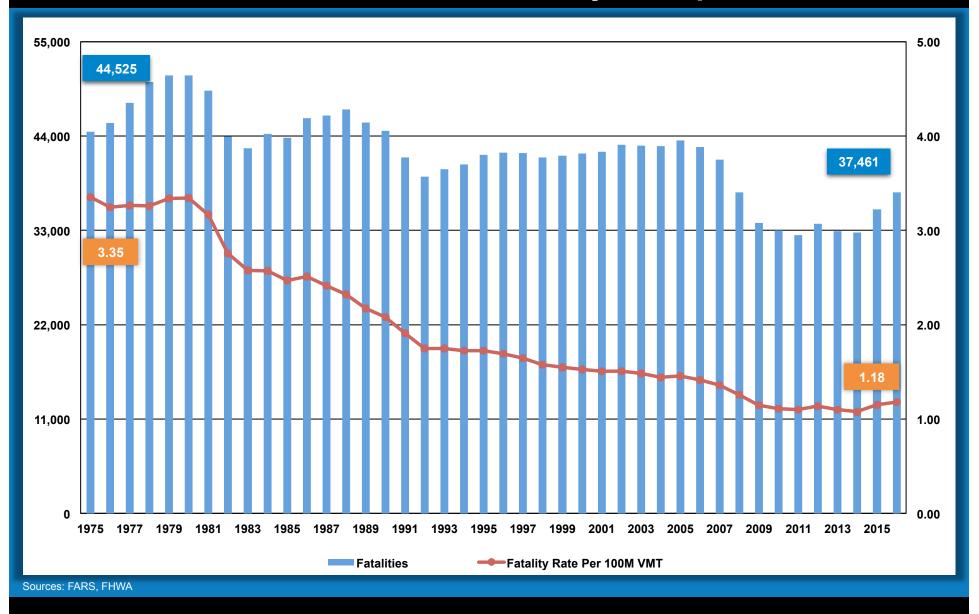


# **Overall Fatality Picture**



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#### Fatalities and Fatality Rate per 100M VMT



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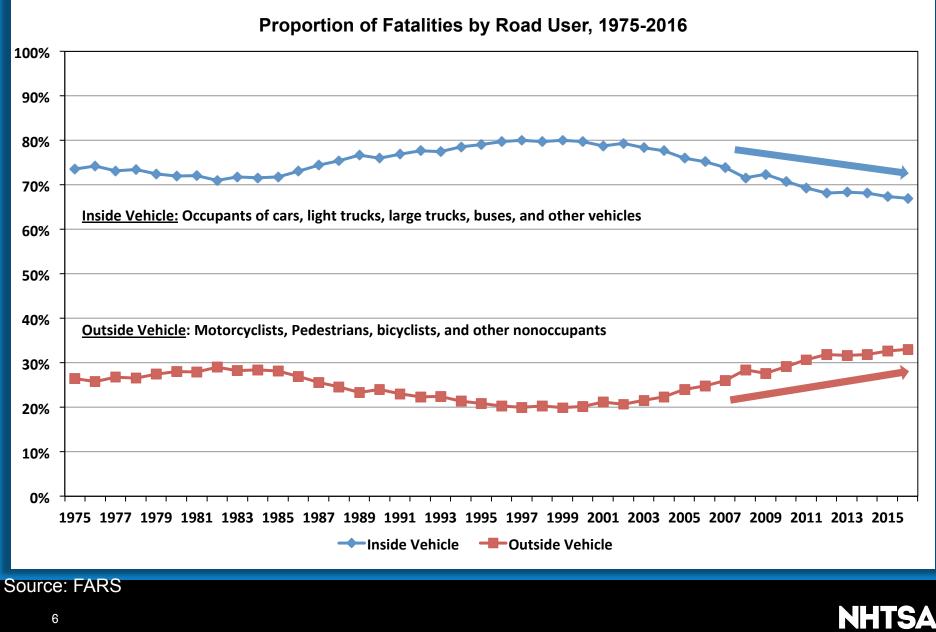
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#### 2016 Overview

- 37,461 people died on our highways.
   > An increase of 1,976 fatalities from 2015.
- Fatalities increased by 5.6%.
  Following a 8.4% increase in 2015.
  9.4% increase from 1963 to 1964.
- VMT increased by 2.2%.
   Following a 2.3% increase in 2015.
- Fatality rate increased by 2.6%.
   Following a 6.5% increase in 2015.



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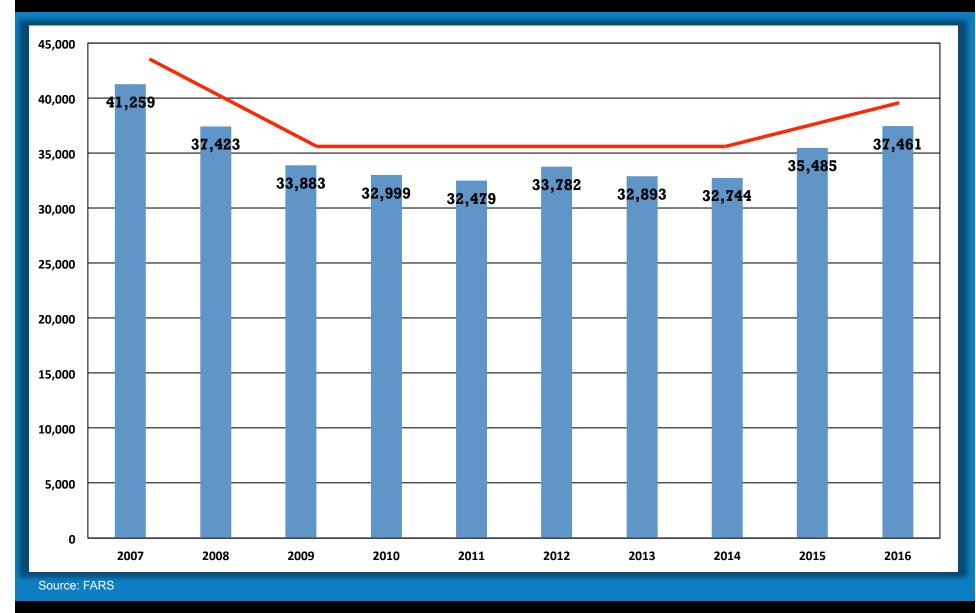


## **10-Year Trends**



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#### **Total Fatalities**



### Fatalities by Person Type, 2007-2016



-	Occupants					Nonoccupants			
Year	Passenger Vehicles							Other/	Total*
	Passenger Cars	Light Trucks	Total	Large Trucks	Motorcycles	Pedestrians	Pedalcyclists	Unknown Nonoccupants	Total
2007	16,614	12,458	29,072	805	5,174	4,699	701	158	41,259
2008	14,646	10,816	25,462	682	5,312	4,414	718	188	37,423
2009	13,135	10,312	23,447	499	4,469	4,109	628	151	33,883
2010	12,491	9,782	22,273	530	4,518	4,302	623	185	32,999
2011	12,014	9,302	21,316	640	4,630	4,457	682	200	32,479
2012	12,361	9,418	21,779	697	4,986	4,818	734	227	33,782
2013	12,037	9,186	21,223	695	4,692	4,779	749	190	32,893
2014	11,947	9,103	21,050	656	4,594	4,910	729	204	32,744
2015	12,761	9,878	22,639	665	5,029	5,495	829	235	35,485
2016	13,412	10,302	23,714	722	5,286	5,987	840	252	37,461

Source: FARS 2007-2015 Final, 2016 ARF

\* Includes occupants of buses and other/unknown vehicles.



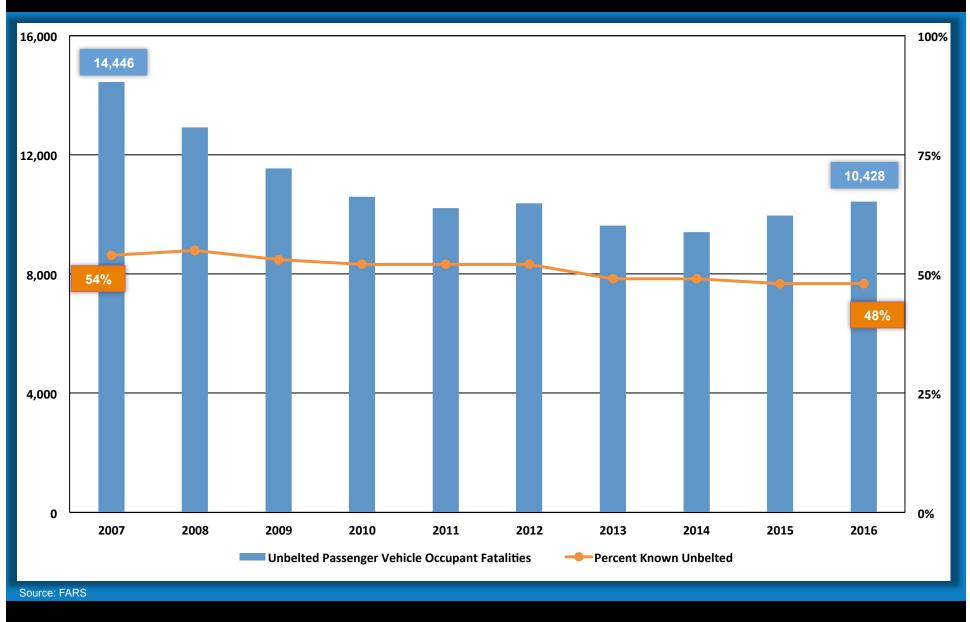


## **Behavioral Factors**



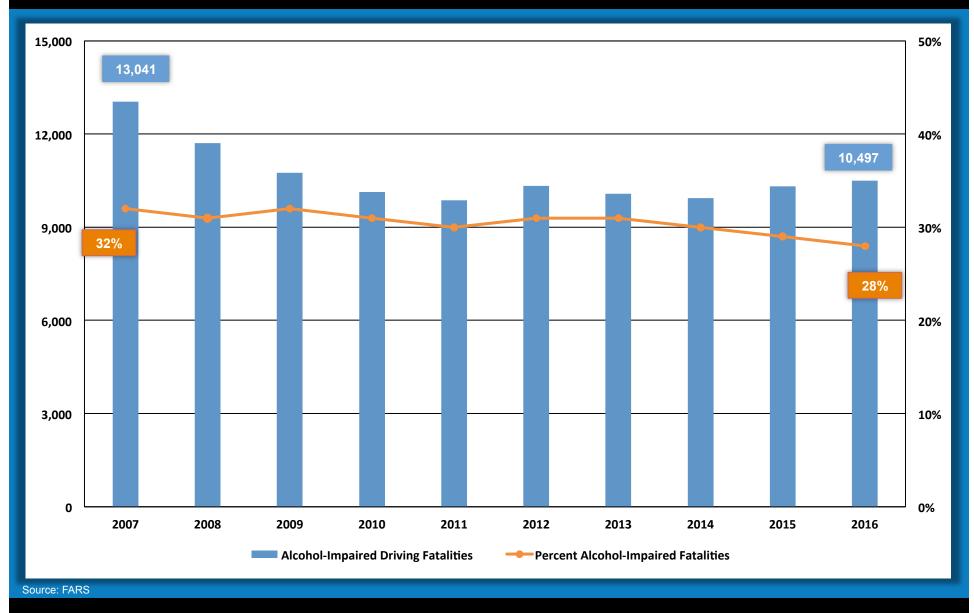
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#### **Unbelted Passenger Vehicle Occupant Fatalities**



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#### **Alcohol-Impaired-Driving Fatalities**

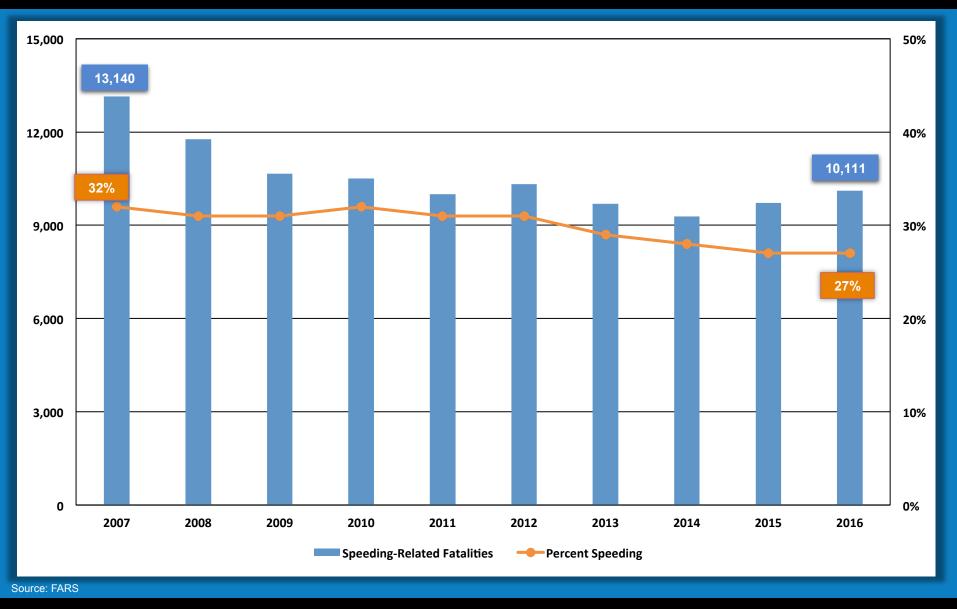


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### **Speeding-Related Fatalities**



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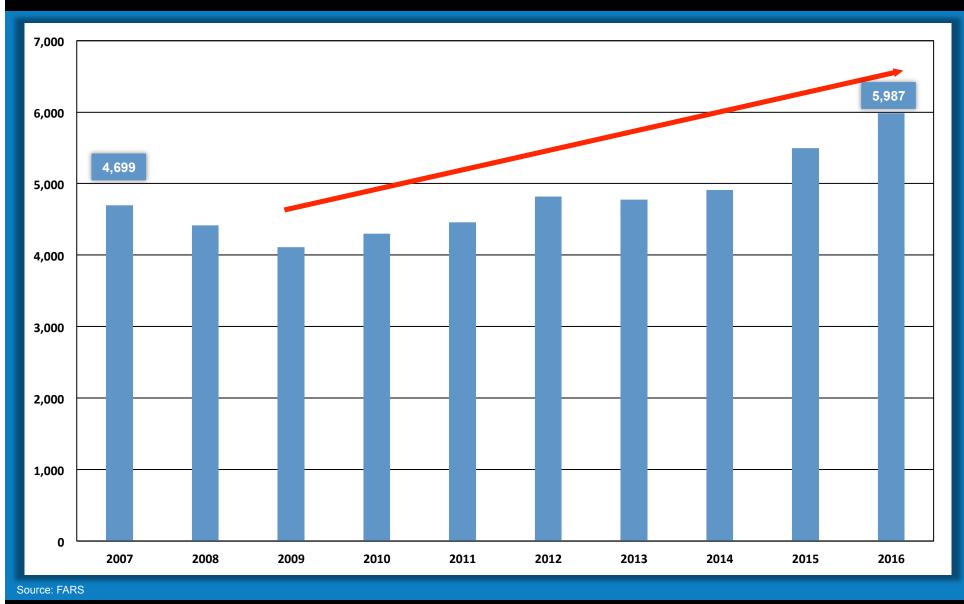


# **Road User Category**



#### **Pedestrian Fatalities**







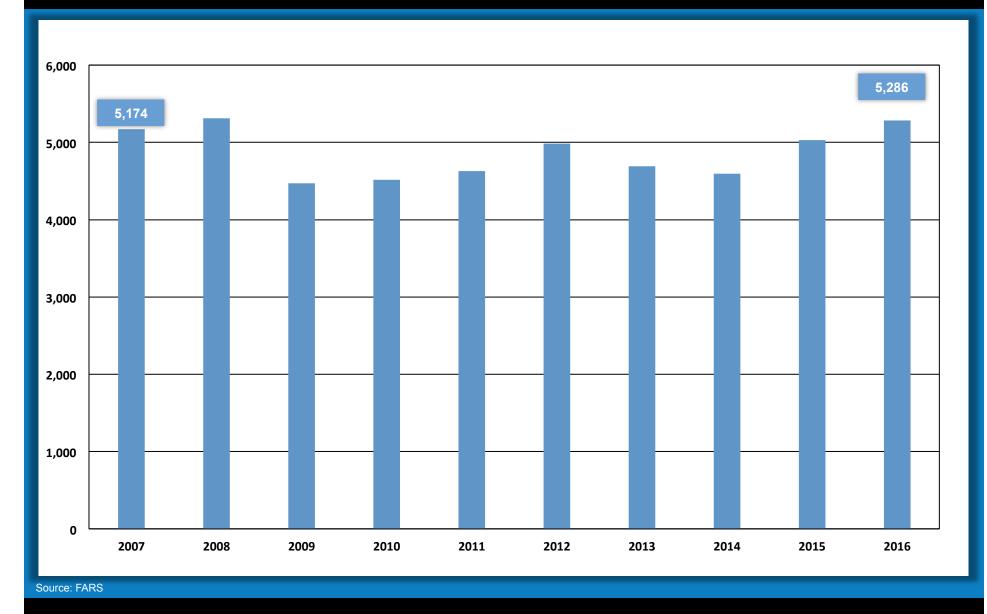
> **5,987** pedestrian fatalities in 2016.

An increase of 492 fatalities (a 9% increase from 2015).
 Pedestrian fatalities highest since 1990 (6,482).
 A pedestrian was killed every 1.5 hours in 2016.

> 48% involved alcohol (driver or pedestrian).



**Motorcyclist Fatalities** 



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### > 5,286 motorcyclist fatalities in 2016.

> An increase of 257 fatalities (a 5.1% increase from 2015).

> Motorcyclist fatalities highest since 2008 (5,312).

Motorcycle registrations increased from 7.1 million in 2007 to 8.6 million in 2015 (latest data available).



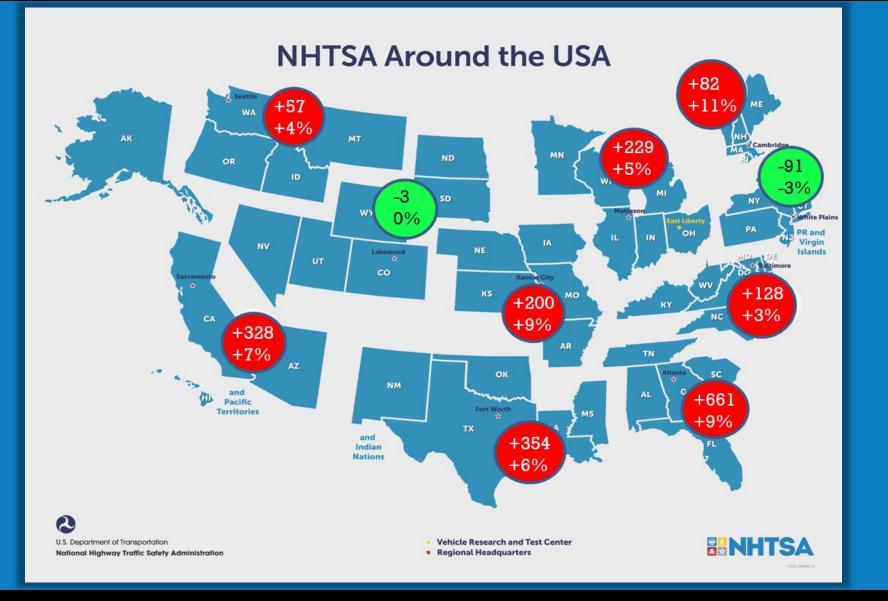


# **Region/State**



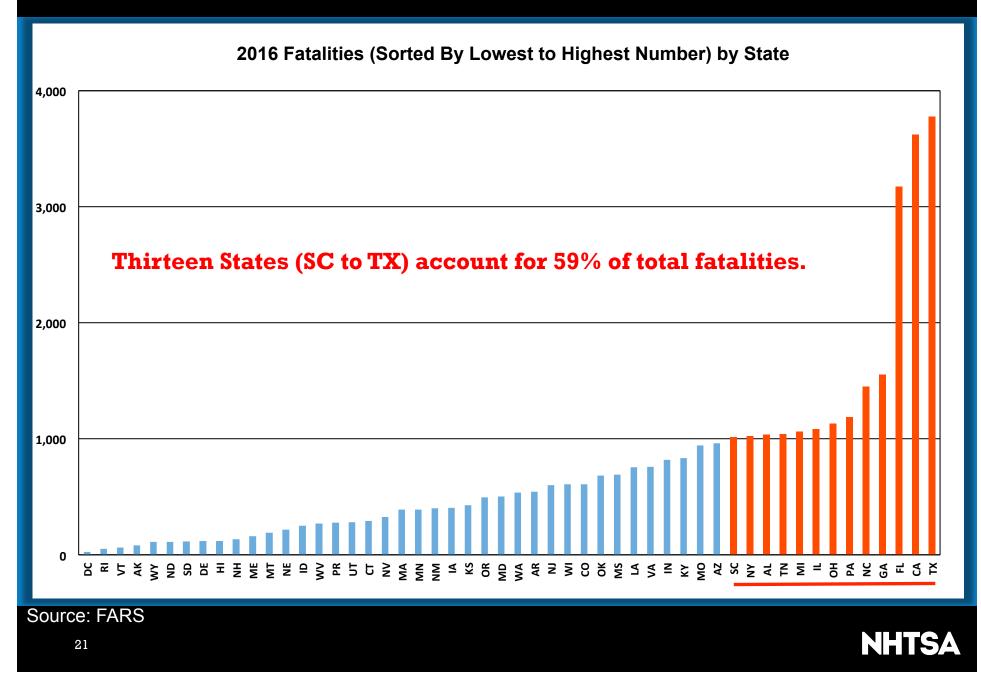
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#### 2016 Change in Fatalities and Percent Change from 2015, by NHTSA Region

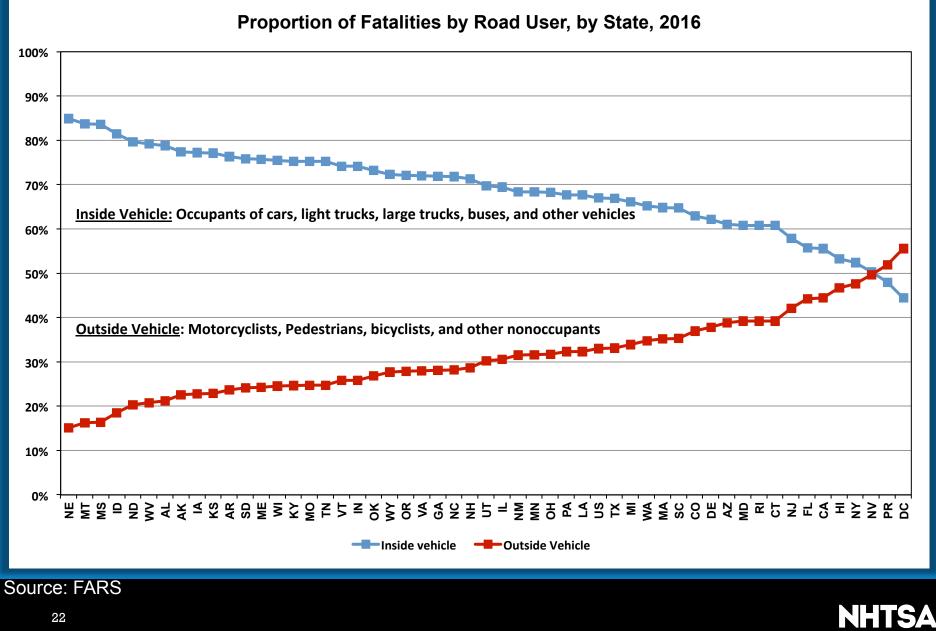




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### Summary

- In 2016 overall fatality picture worsened across most categories.
- Among road user fatalities pedestrians are increasing significantly.
- Large disparity among Regions/States.
- Ten-year fatality trend shows:
  - Large declines in fatalities from 2007 to 2009.
  - Fatalities remained around the same from 2010 to 2014.
  - Increases in fatalities in 2015 and 2016.



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- NHTSA redesigned the nationally representative sample of police-reported traffic crashes, which estimates the number of police-reported injury and property-damage-only crashes in the United States.
- **Crash Report Sampling System (CRSS)** replaces the National Automotive Sampling System (NASS) General Estimates System (GES) in 2016.
- The 2016 estimates from CRSS are not yet available.
- NHTSA is currently processing the file to ensure the data is accurate and complete, and is finalizing the new weighting and calibration procedures to produce national estimates.
- Once completed, NHTSA will release the data and publish the estimated number of police-reported injury and property-damage-only crashes that occurred during 2016.





# **Questions??**

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