

# HIGHWAY SAFETY REPORT CALENDAR YEAR 2010



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CALENDAR YEAR 2010



A Report by the  
Florida Transportation Commission  
Draft - January 9, 2012



Florida Transportation  
Commission  
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# Introduction

- Purpose
- Strategic Highway Safety Plan (SHSP)
- Highway Safety Improvement Program (HSIP)
- Highway Safety Performance Plan (HSPP)
- Summary of Highway Fatalities
- Performance Measures and Indicators
- Detailed Results

# Strategic Highway Safety Plan (SHSP)

- Aggressive Driving
- Intersection Related Crashes
- Lane Departure Crashes
- Vulnerable Road Users

# Highway Safety Improvement Program (HSIP)

<b>HSIP Projects Output</b>	
<b>Output</b>	<b>Length (Miles)</b>
Lighting; Signal Update	26.12
Resurfacing	102.23
Guardrail	87.06
Pave Shoulders	41.20
Signing/Pavement Markings	209.38
Sidewalks and Pedestrian Safety	35.73

<b>HRRR Projects Output</b>	
<b>Output</b>	<b>Length (Miles)</b>
Add Left Turn Lanes(s)	2.493
Pave Shoulders	5.582
Signing/Pavement Markings	13.962
Widen/Resurface Existing Lanes	7.505

# Highway Safety Performance Plan (HSPP)

## Financial Summary FY 2011 Highway Safety Performance Plan

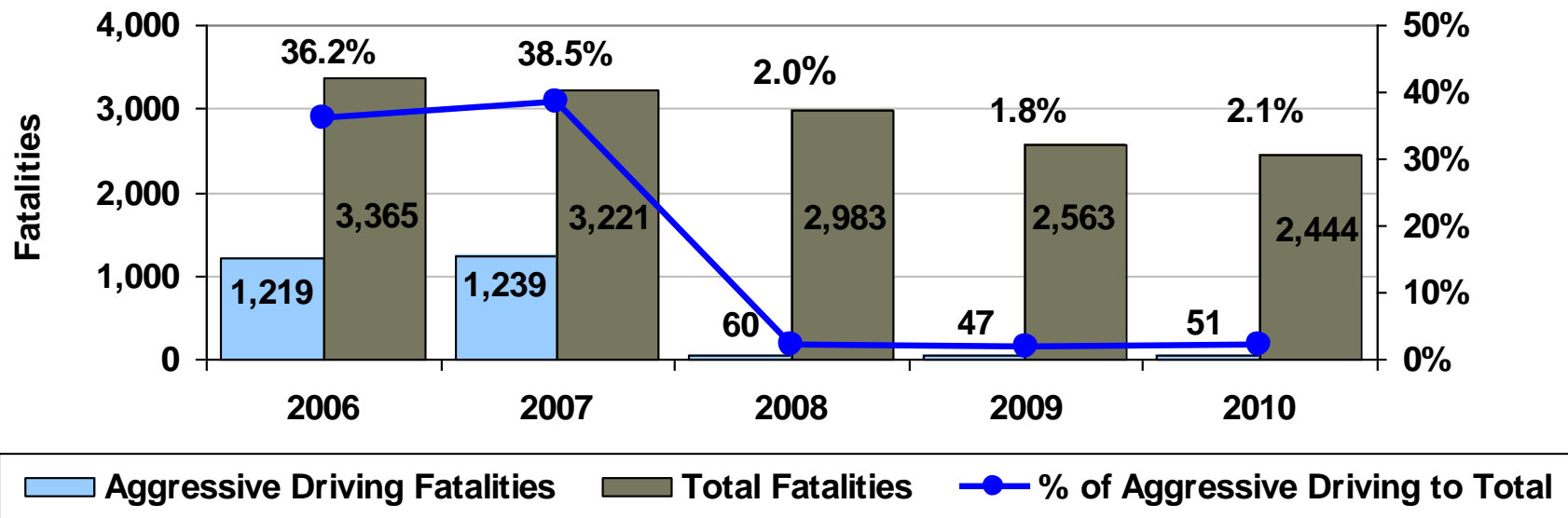
Program Area	402	405 (K2)	410 (K8)	410 (J8)	408	163	2010	Total	% of Total
Planning & Administration	\$280,920							\$280,920	0.81%
Occupant Protection	2,441,351							2,441,351	7.05%
Community Traffic Safety	926,306							926,306	2.68%
Alcohol	2,440,037		\$3,037,723	\$8,433,422				13,911,182	40.18%
Pedestrian/Bicycle Safety	947,825							947,825	2.74%
Traffic Records	564,726				\$1,515,562			2,080,288	6.01%
Motorcycle Safety	1,167,261						\$395,382	1,562,643	4.51%
Police Traffic Services	3,901,417							3,901,417	11.27%
Speed Control	391,787							391,787	1.13%
Roadway Safety	523,090							523,090	1.51%
Paid Media	845,000	\$1,590,351	1,410,862	2,551,200		\$1,253,958		7,651,371	22.10%
<b>Total</b>	<b>\$14,429,720</b>	<b>\$1,590,351</b>	<b>\$4,448,585</b>	<b>\$10,984,622</b>	<b>\$1,515,562</b>	<b>\$1,253,958</b>	<b>\$395,382</b>	<b>\$34,618,180</b>	<b>100.00%</b>

# Florida Highway Fatalities

Florida Highway Fatalities CY 2006 through CY 2010						
	2006	2007	2008	2009	2010	% Change
Car and Truck Occupants	2,143	2,020	1,831	1,579	1,486	-30.7%
Motorcyclists	550	550	532	402	383	-30.4%
Pedestrians	546	530	502	482	499	-8.6%
Bicyclists	126	121	118	100	76	-39.7%
<b>Total Fatalities</b>	<b>3,365</b>	<b>3,221</b>	<b>2,983</b>	<b>2,563</b>	<b>2,444</b>	<b>-27.4%</b>

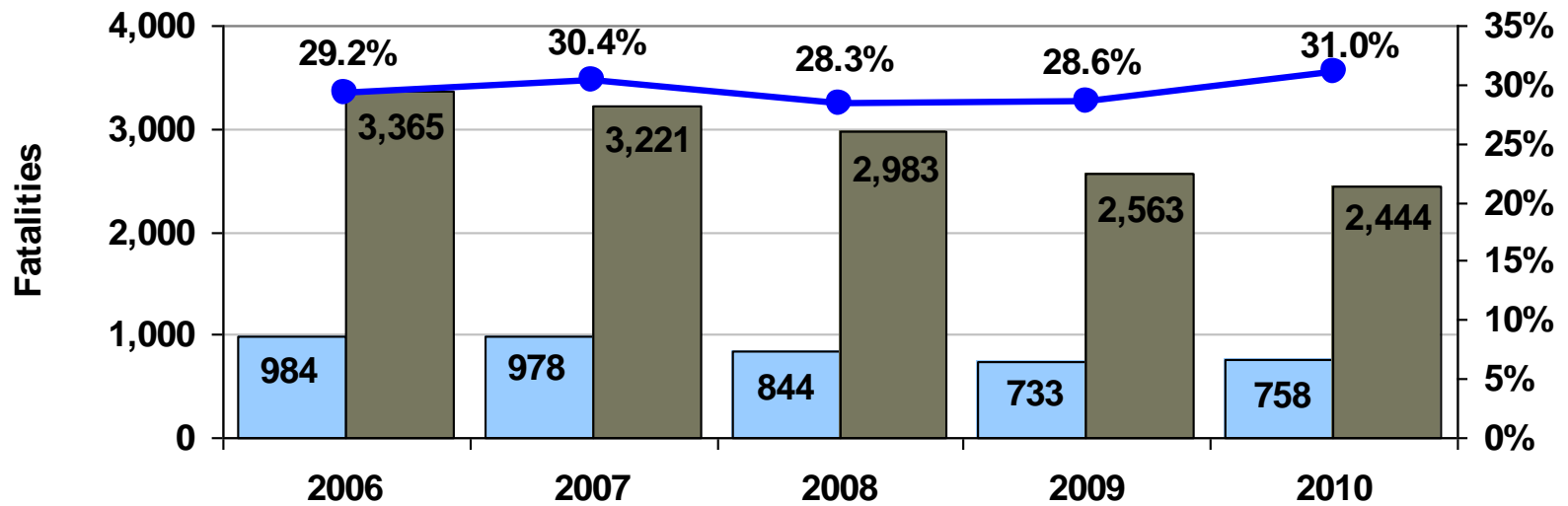
# Florida Aggressive Driving Fatalities

## Florida Aggressive Driving Fatalities Compared to Florida Total Fatalities



# Florida Intersection-Related Fatalities

## Florida Intersection-Related Fatalities Compared to Florida Total Fatalities

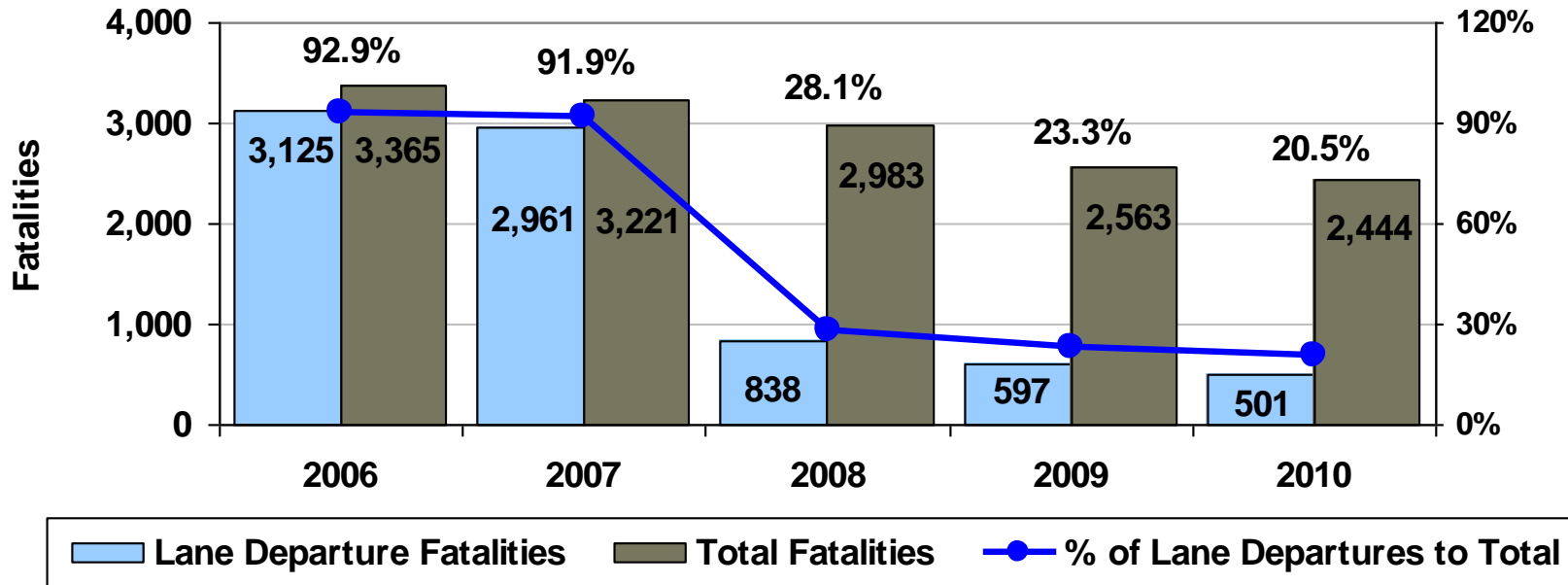


Intersection Related Fatalities    Total Fatalities    % of Intersection Related to Total



# Florida Lane Departure Fatalities

Florida Lane Departure Fatalities  
Compared to Florida Total Fatalities



# Performance Measures and Indicators (Fatality Rates)

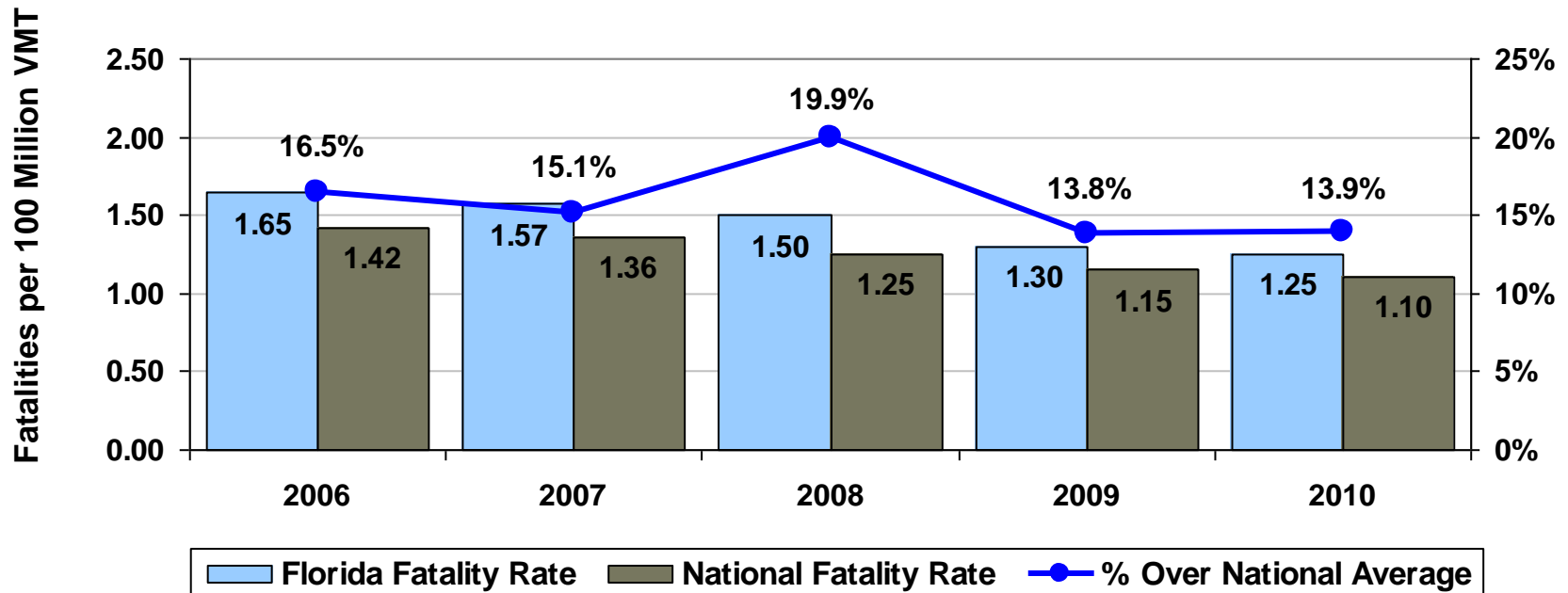
- Total Highway Fatalities
- Car and Truck Occupants
- Motorcyclists
- Pedestrians
- Bicyclists
- Occupant Protection
- Young Drivers
- Alcohol-Related

# Total Highway Fatalities

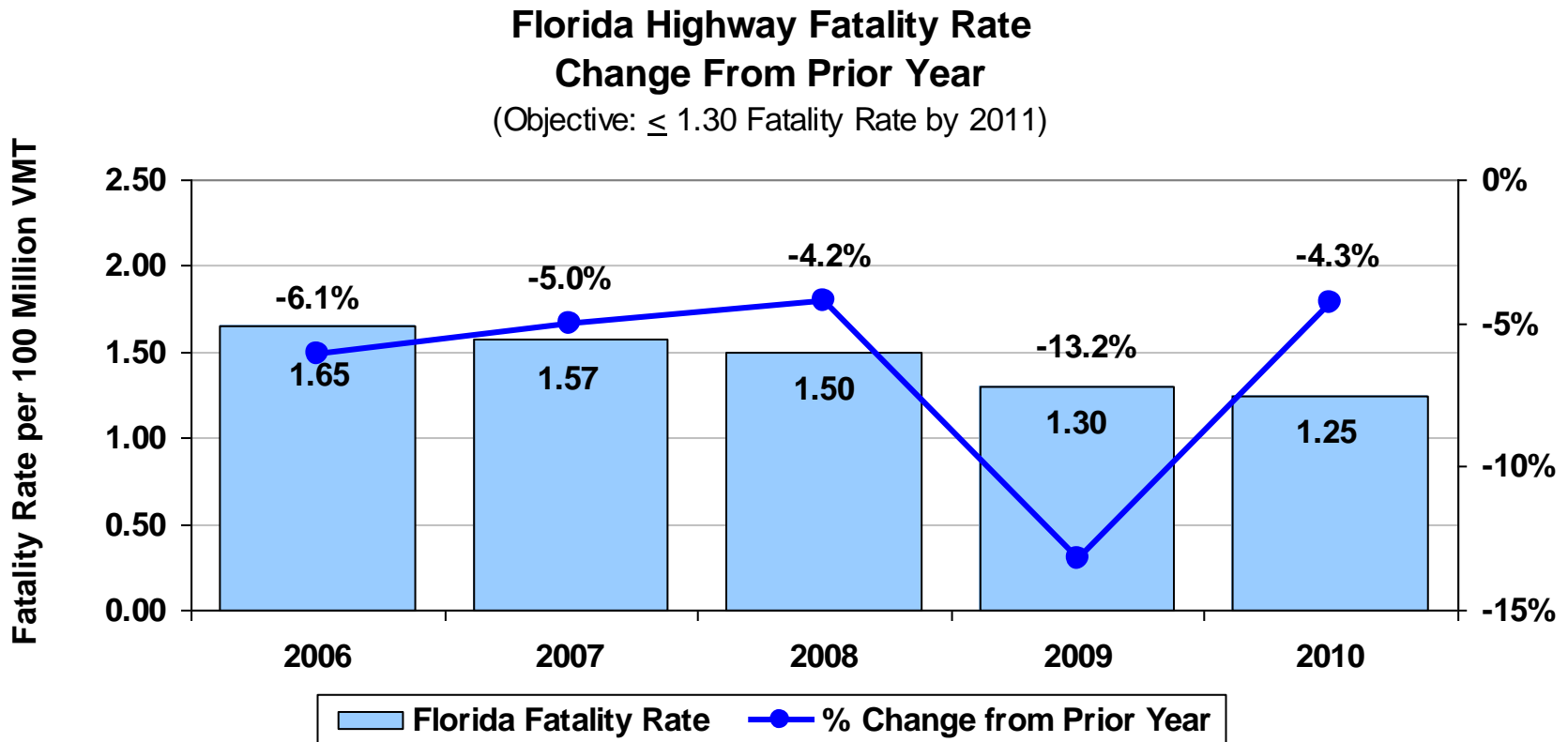
## Florida Rate Compared to National Rate

(Objective: Within 5% of National Rate by 2011)

**Total Highway Fatalities Per 100 Million VMT**  
**Florida Rate Compared to National Rate**  
(Objective: within 5% of National Rate by 2011)



# Florida Highway Fatality Rate Change from Prior Year

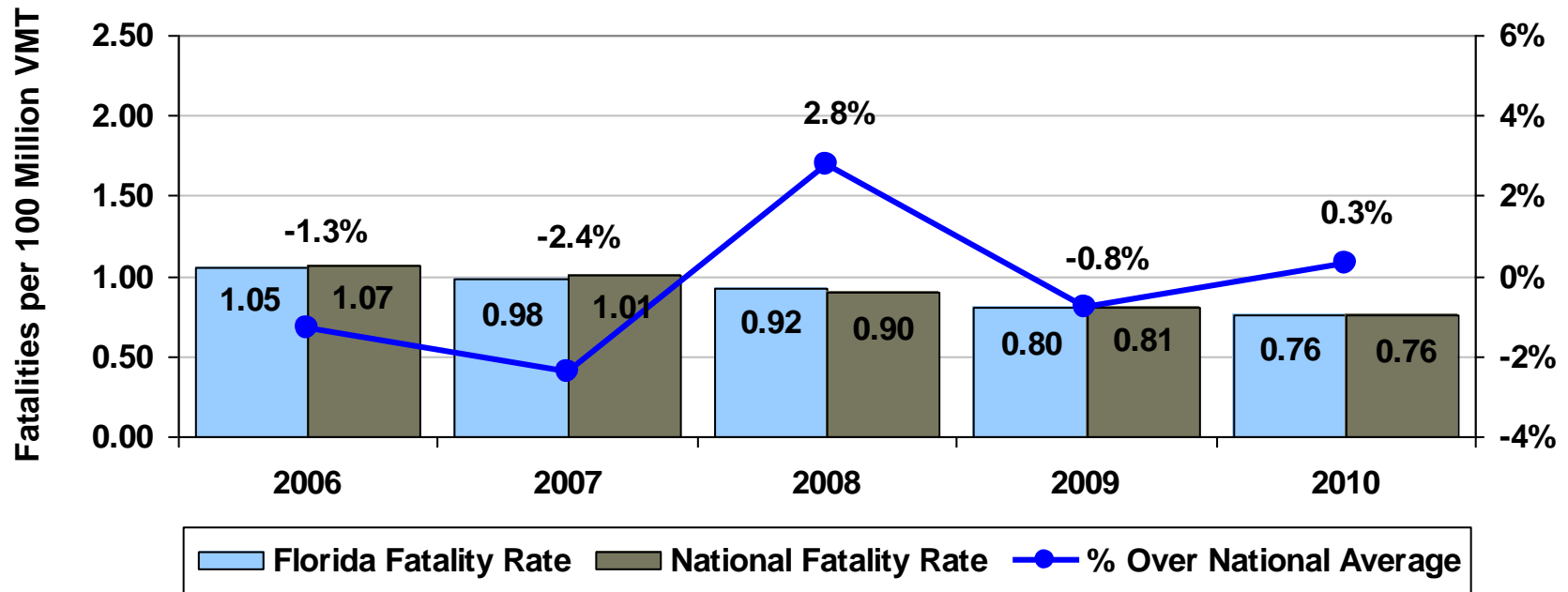


# Car and Truck Occupant Fatalities

## Florida Rate Compared to National Rate

(Objective: 10% below National Rate)

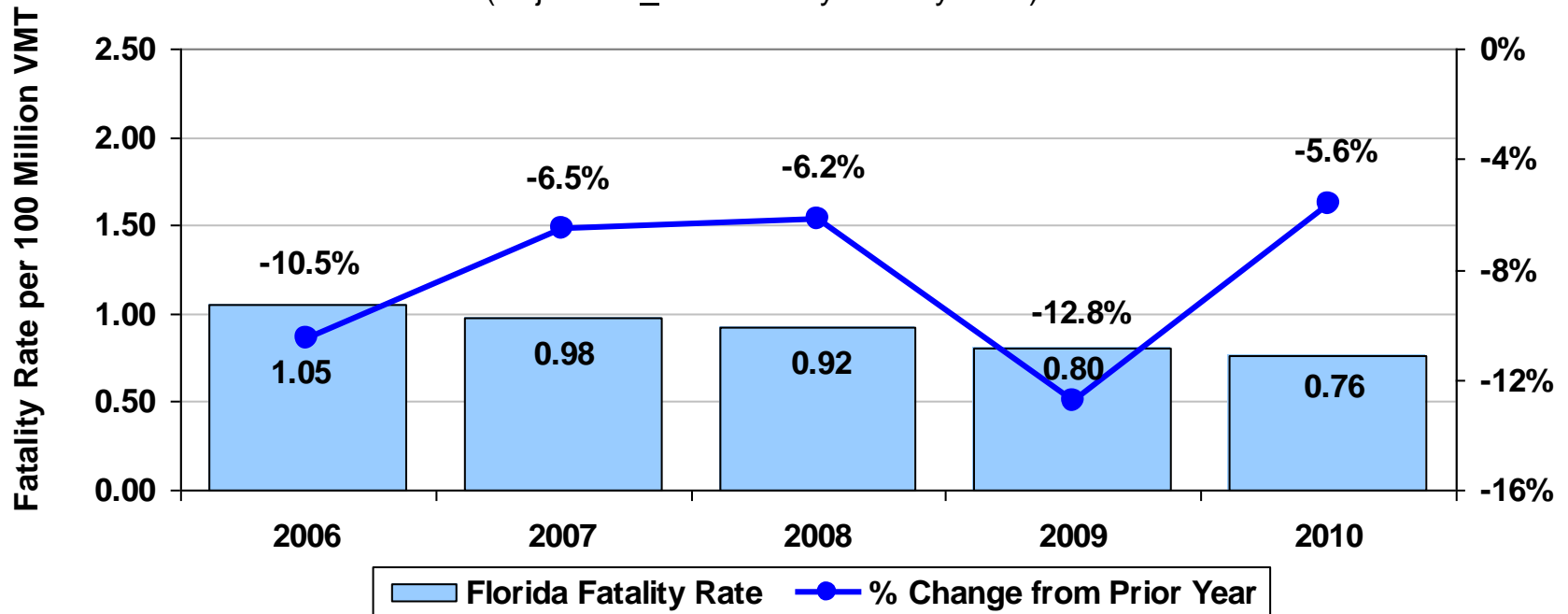
**Car and Truck Occupant Fatalities Per 100 Million VMT**  
**National and State Highway System**  
 (Objective: 10% below National Rate by 2011)



# Florida Car and Truck Occupant Fatality Rate – Change from Prior Year

## Florida Car and Truck Occupant Fatality Rate Change From Prior Year

(Objective:  $\leq 0.70$  Fatality Rate by 2011)

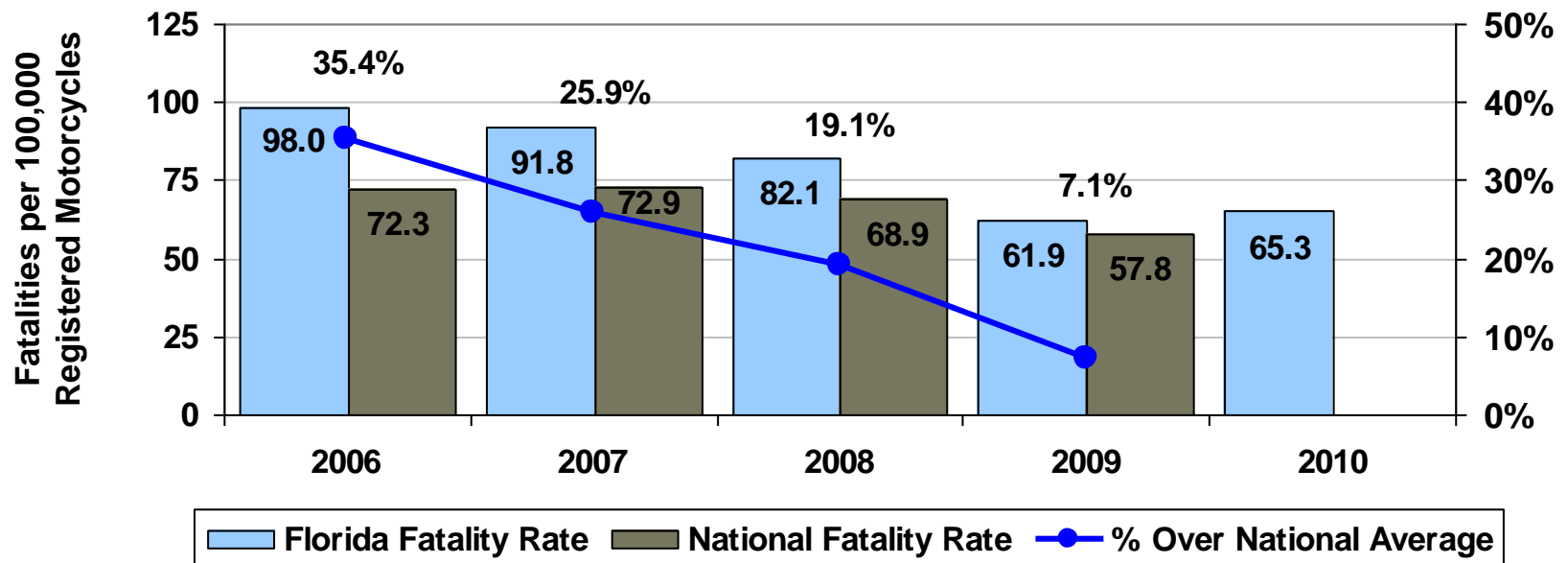


# Motorcyclist Fatalities

## Florida Rate Compared to National Rate

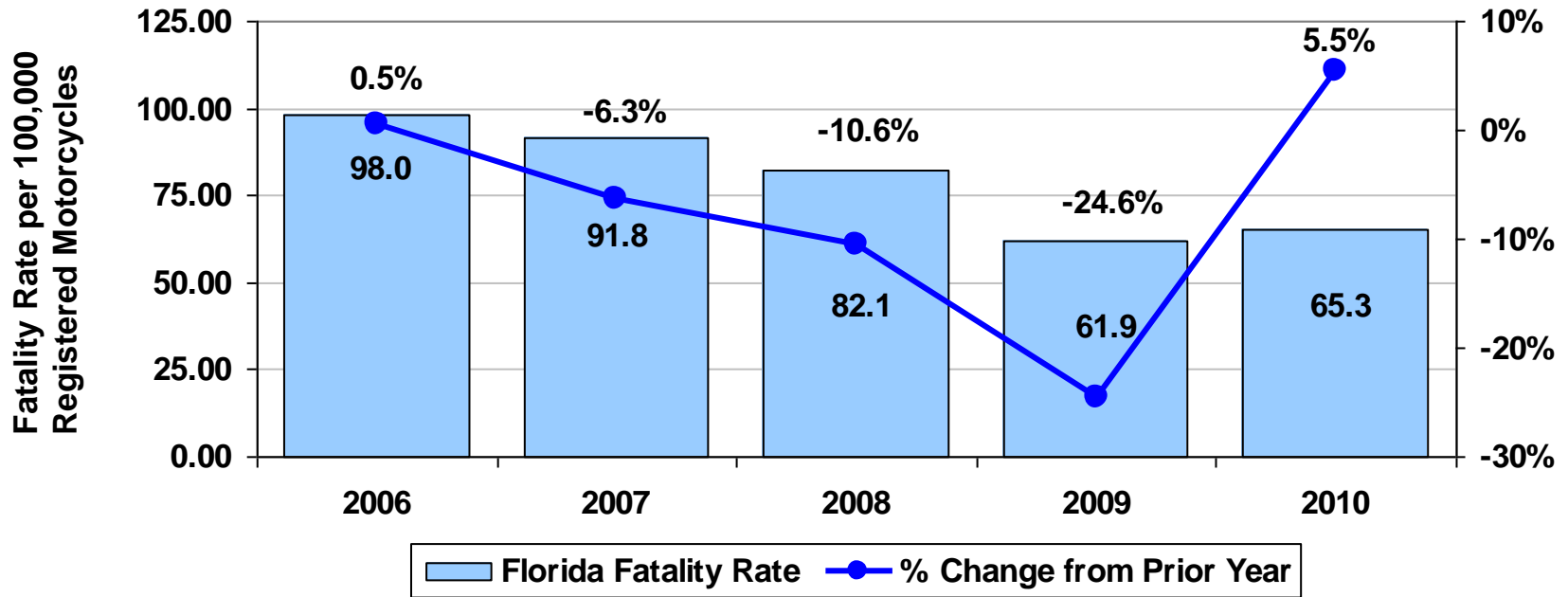
(Objective: Within 10% of National Rate)

**Motorcyclist Fatalities Per 100,000 Registered Motorcycles**  
**National and State Highway System**  
(Objective: Within 10% of National Rate by 2011)



# Florida Motorcycle Fatality Rate Change from Prior Year

**Florida Motorcyclist Fatality Rate  
Change From Prior Year**  
(Objective:  $\leq 70.0$  Fatality Rate by 2011)





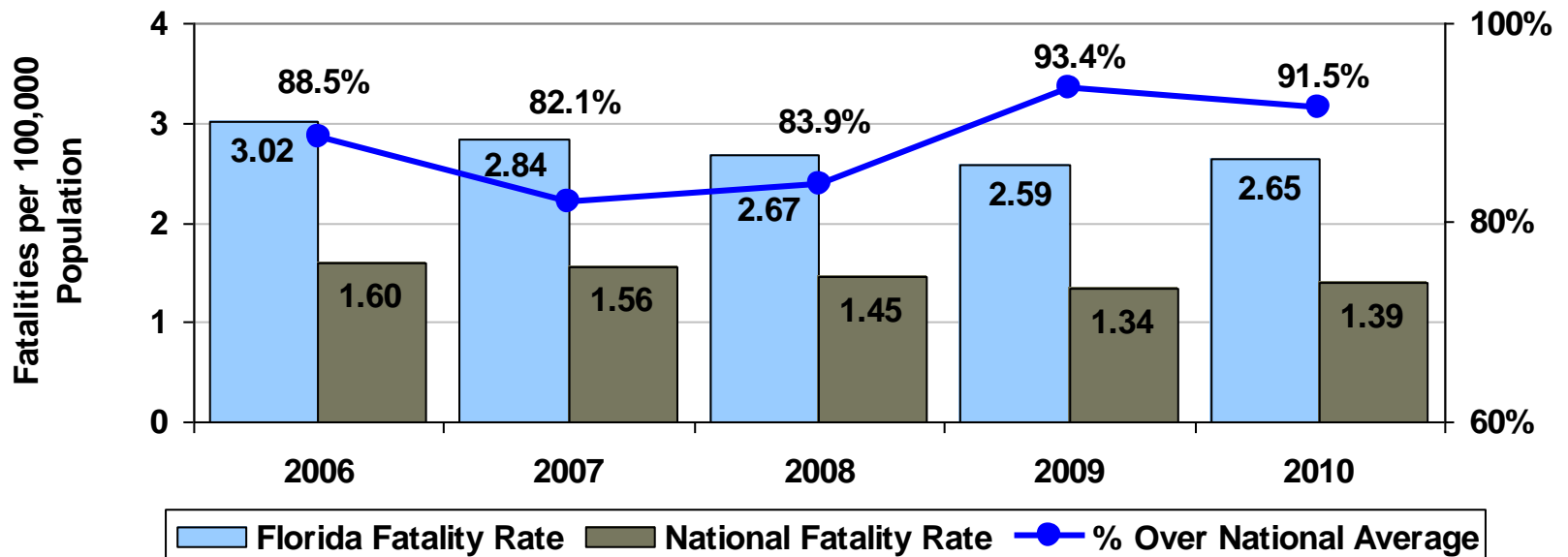
# Pedestrian Fatalities

## Florida Rate Compared to National Rate

(Objective: Within 20% of National Rate)

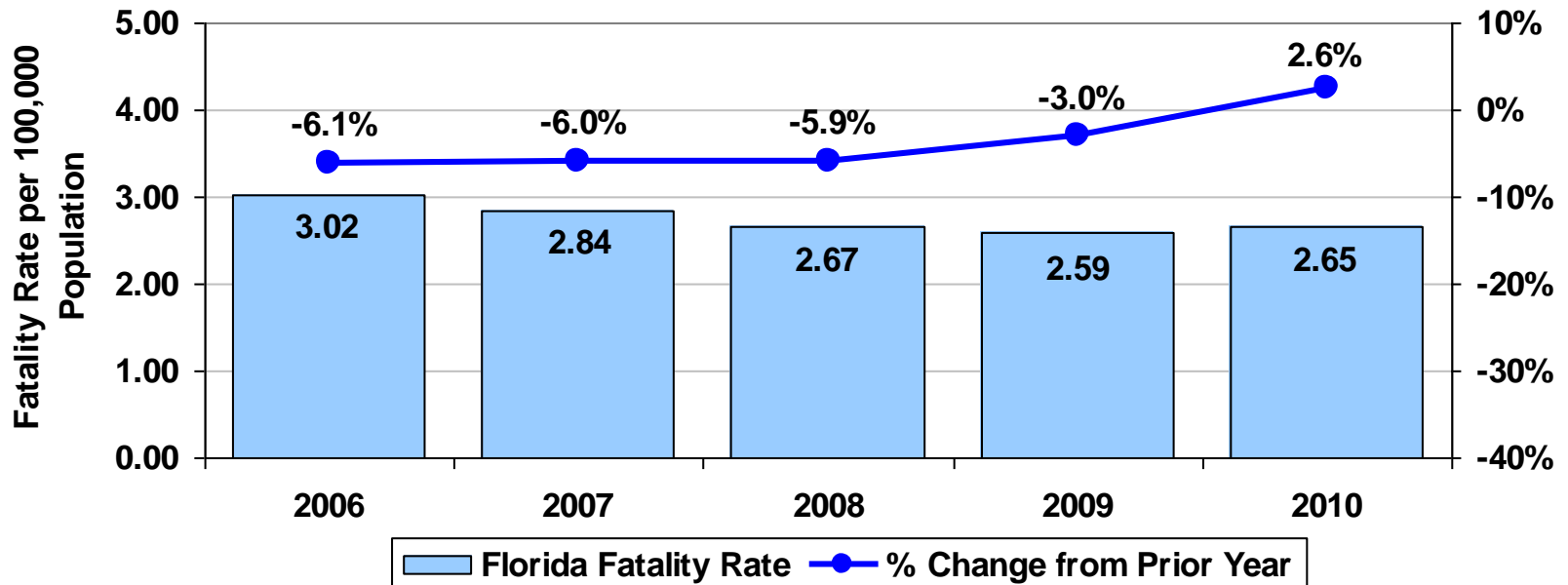
### Pedestrian Fatalities Per 100,000 Population National and State Highway System

(Objective: Within 20% of National Rate by 2011)



# Florida Pedestrian Fatality Rate Change from Prior Year

**Florida Pedestrian Fatality Rate  
Change From Prior Year**  
(Objective:  $\leq 1.60$  Fatality Rate by 2011)

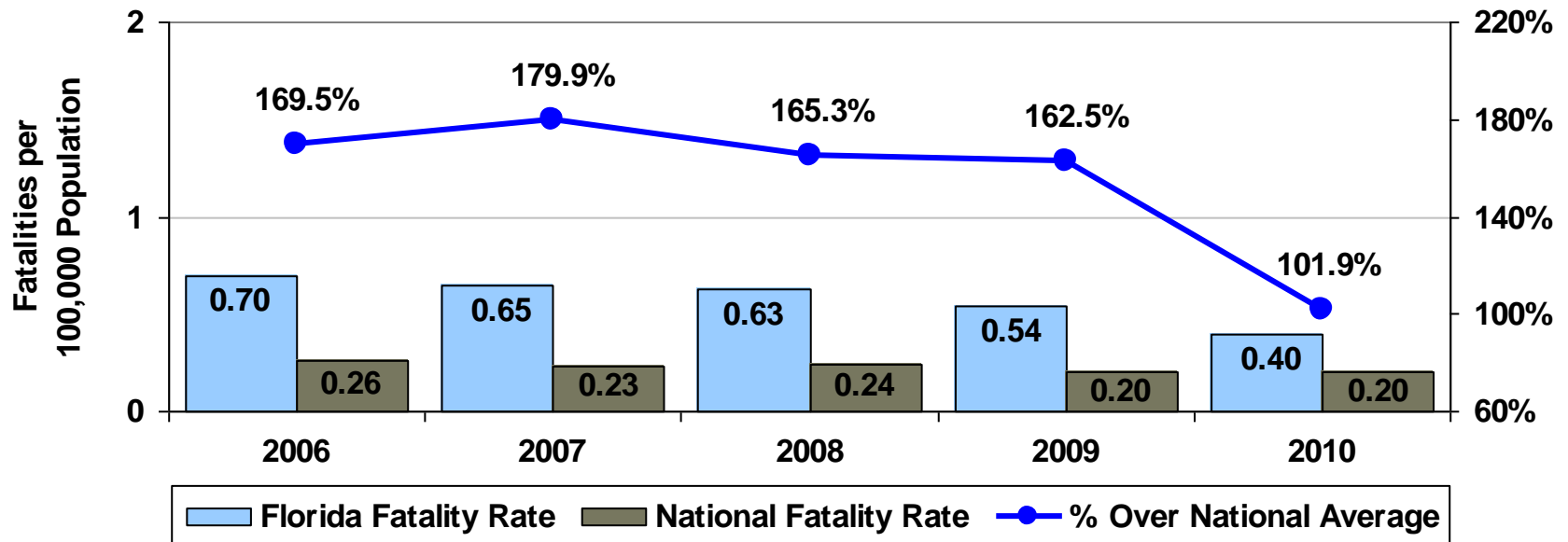


# Bicyclist Fatalities

## Florida Rate Compared to National Rate

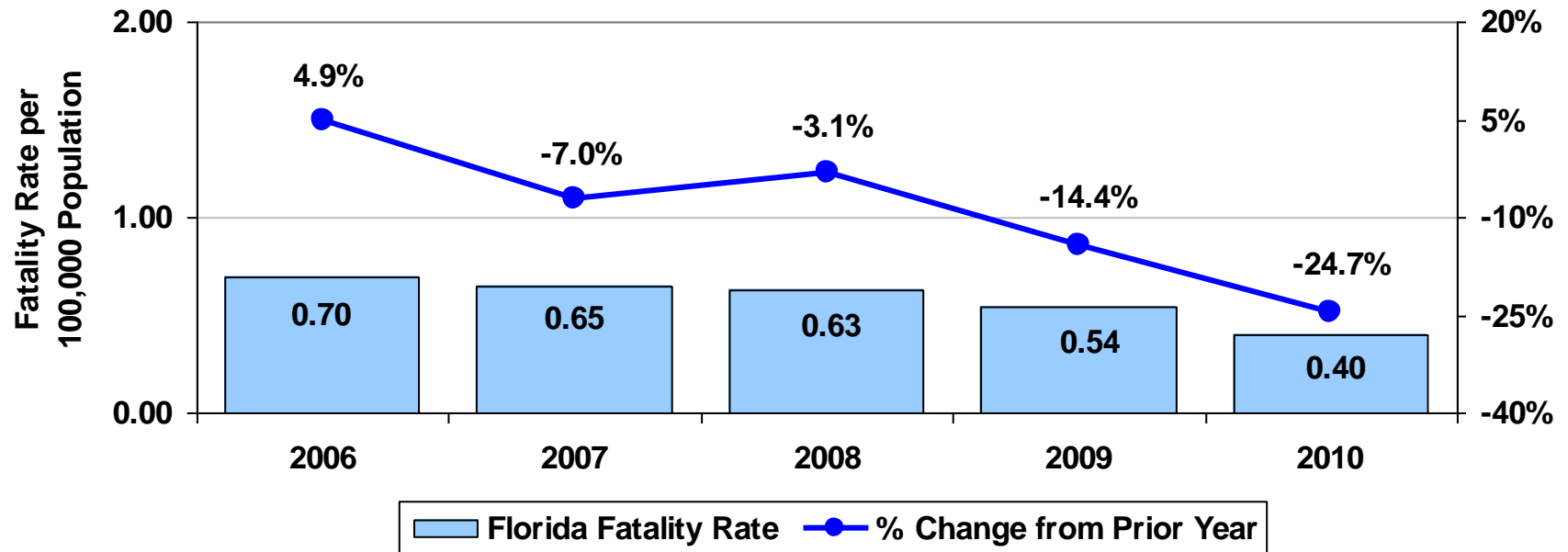
(Objective: Within 20% of National Rate)

**Bicyclist Fatalities Per 100,000 Population**  
**National and State Highway System**  
(Objective: Within 50% of National Rate by 2011)



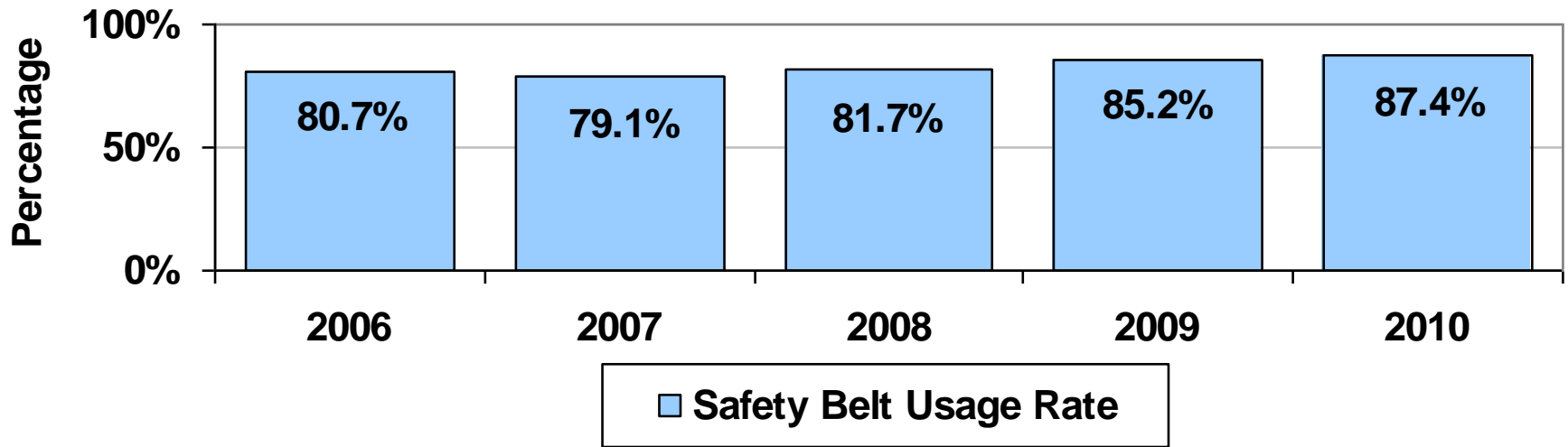
# Florida Bicyclist Fatality Rate Change from Prior Year

**Florida Bicyclist Fatality Rate  
Change From Prior Year**  
(Objective:  $\leq 0.40$  Fatality Rate by 2011)



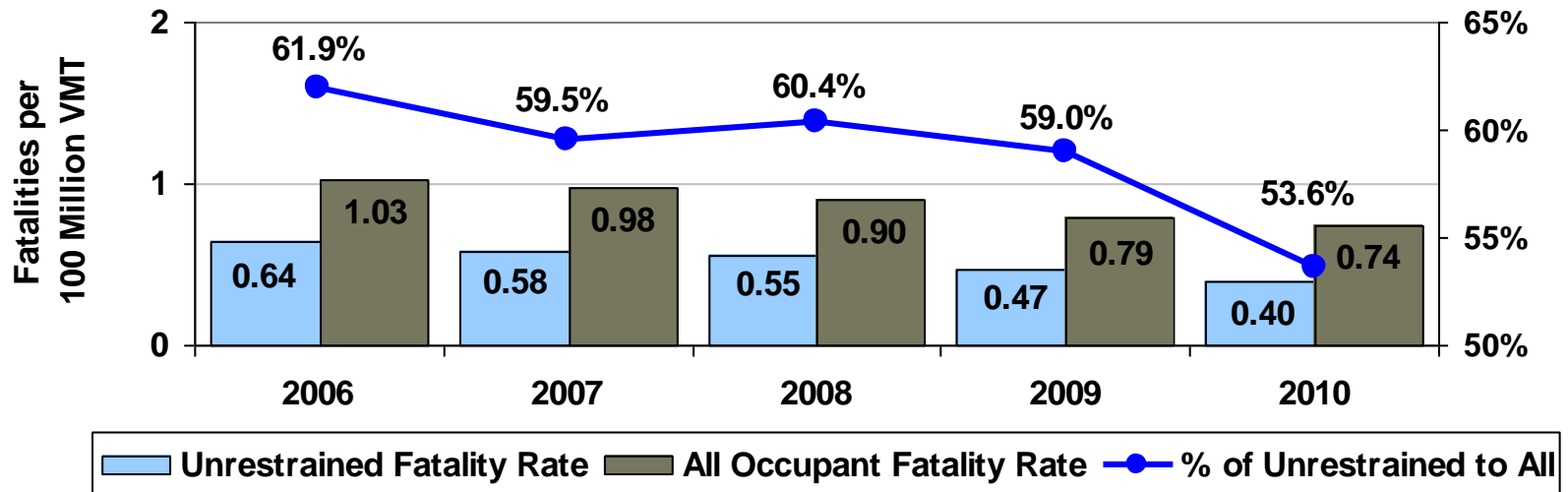
# Florida Safety Belt Usage Rate

## Florida Safety Belt Usage

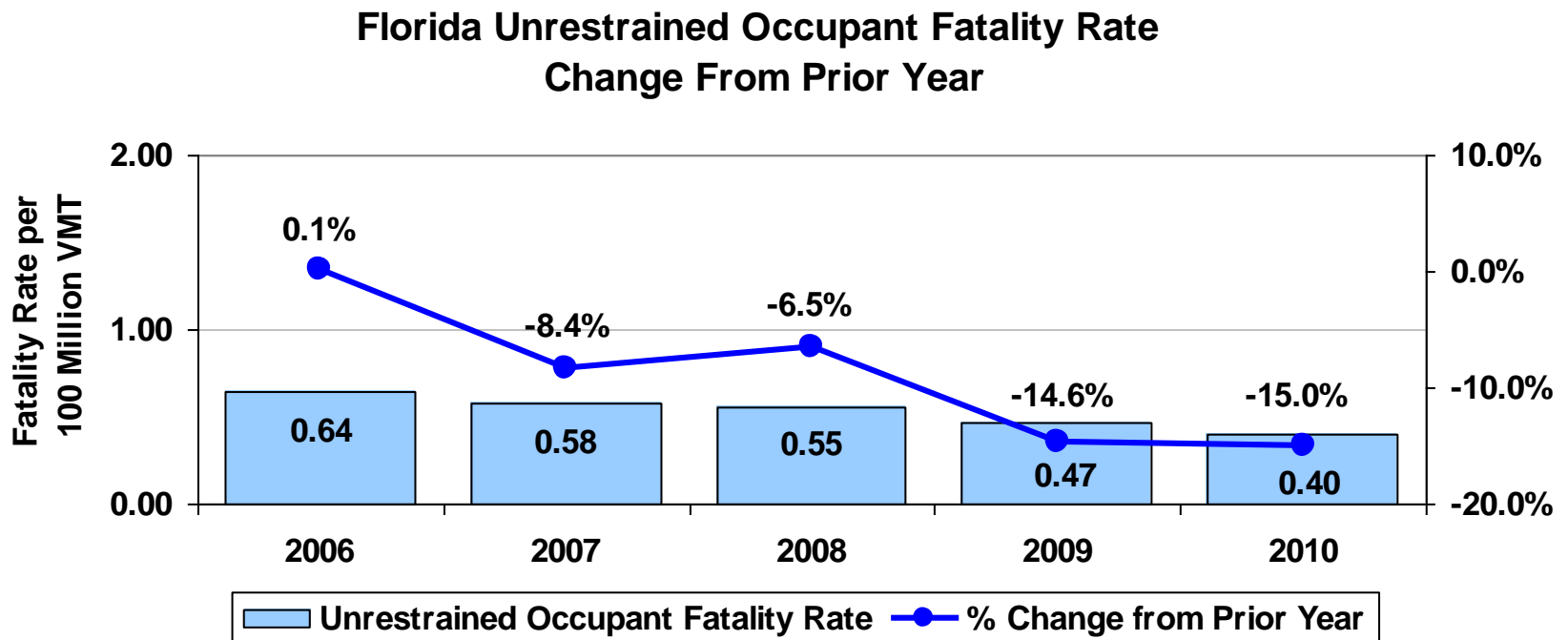


# Florida Car and Truck Unrestrained and All Occupant Fatality Rates

Florida Car and Truck Unrestrained Fatality Rate  
Compared to Florida Car and Truck All Occupant Fatality Rate



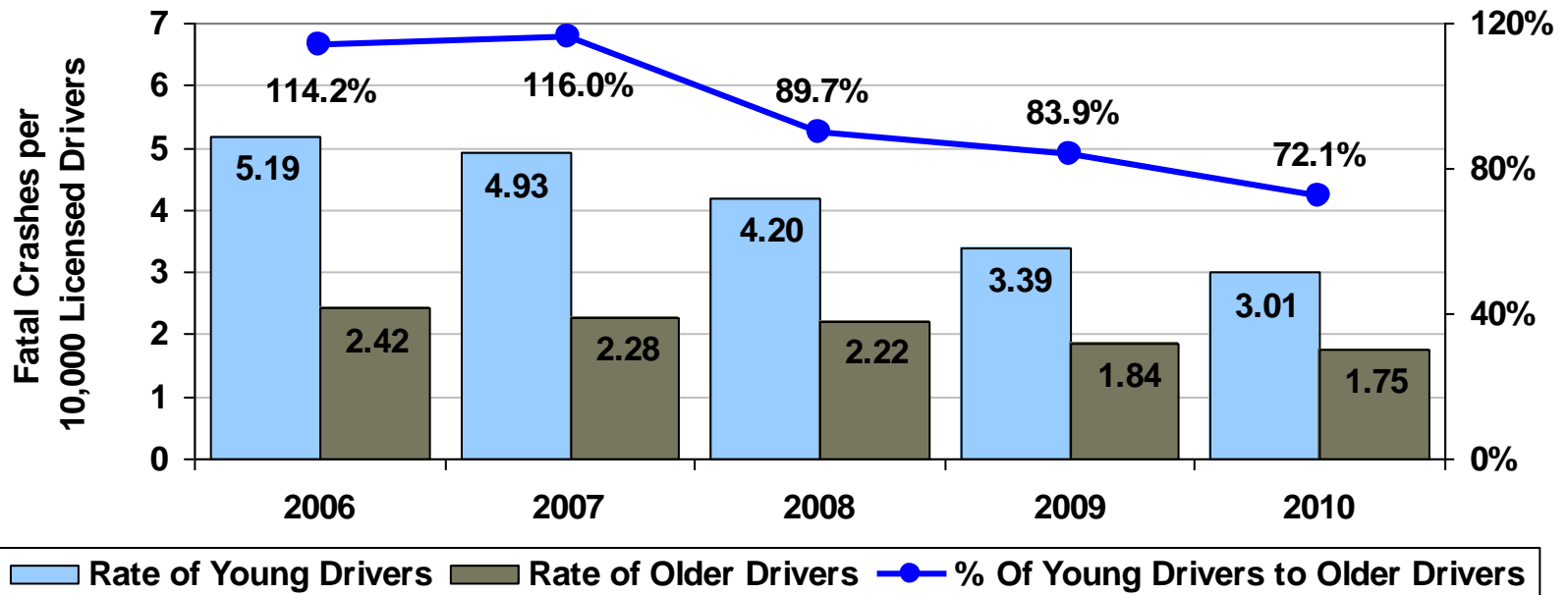
# Florida Unrestrained Occupant Fatality Rate Change from Prior Year



# Florida Fatal Crash Rate Young Drivers Compared to Older Drivers

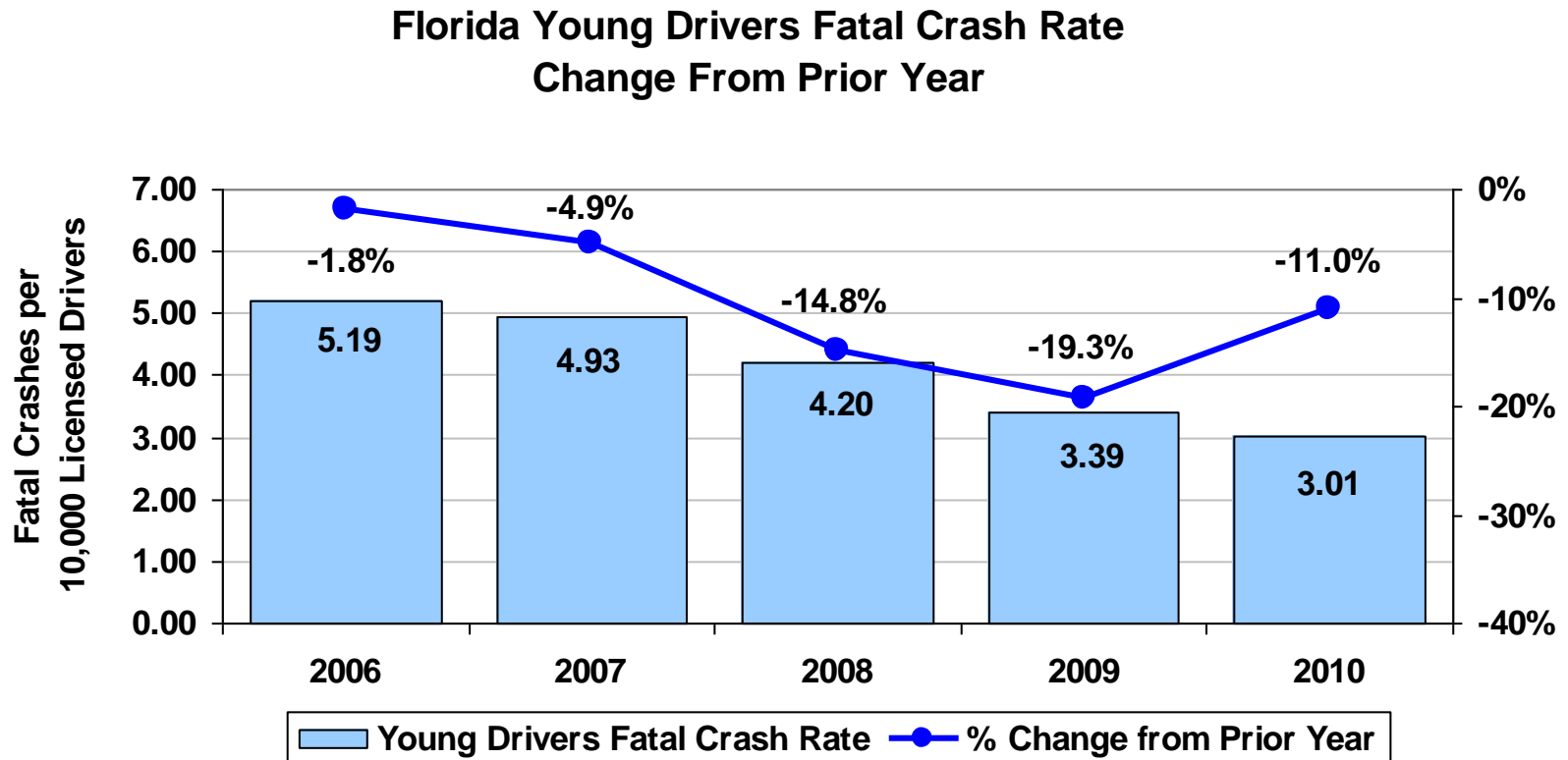
## Florida Fatal Crash Rate of Young Drivers (under age 25) Compared to Older Drivers (over age 25)

(Objective: Young Driver Rate no more than 50% above Older Driver Rate by 2011)





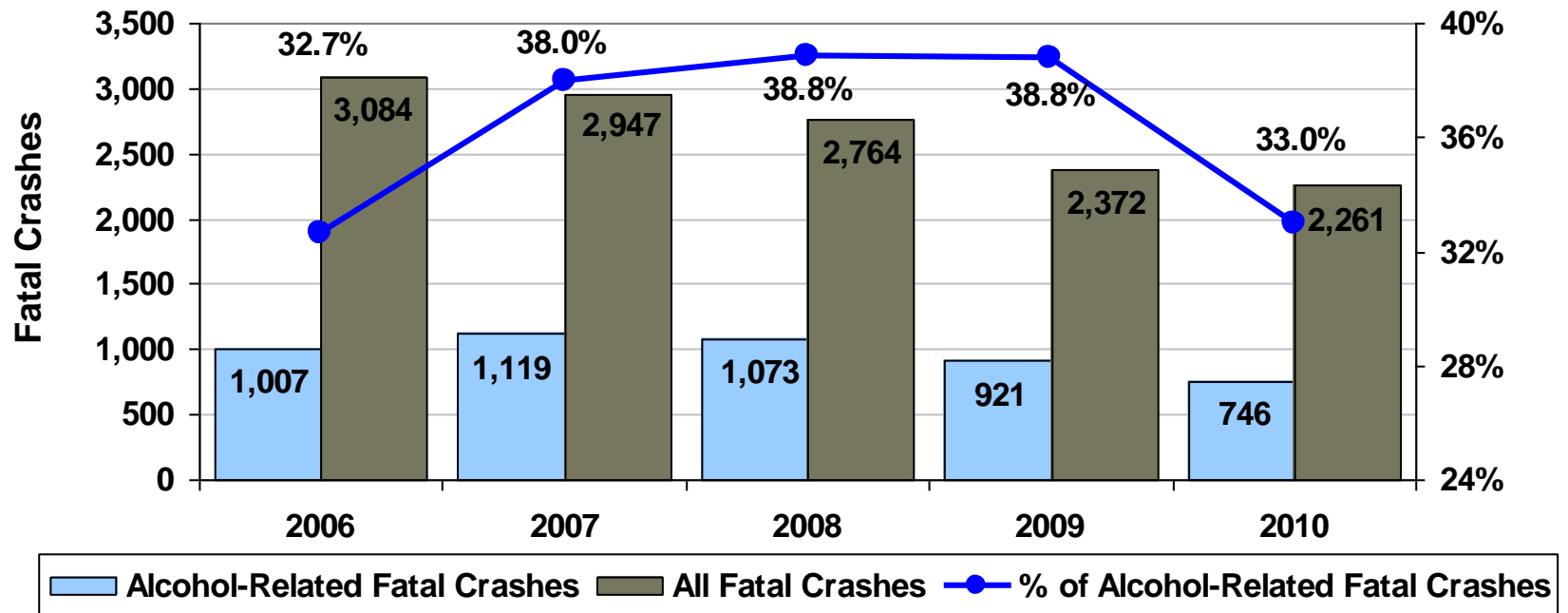
# Florida Young Drivers Fatal Crash Rate Change from Prior Year



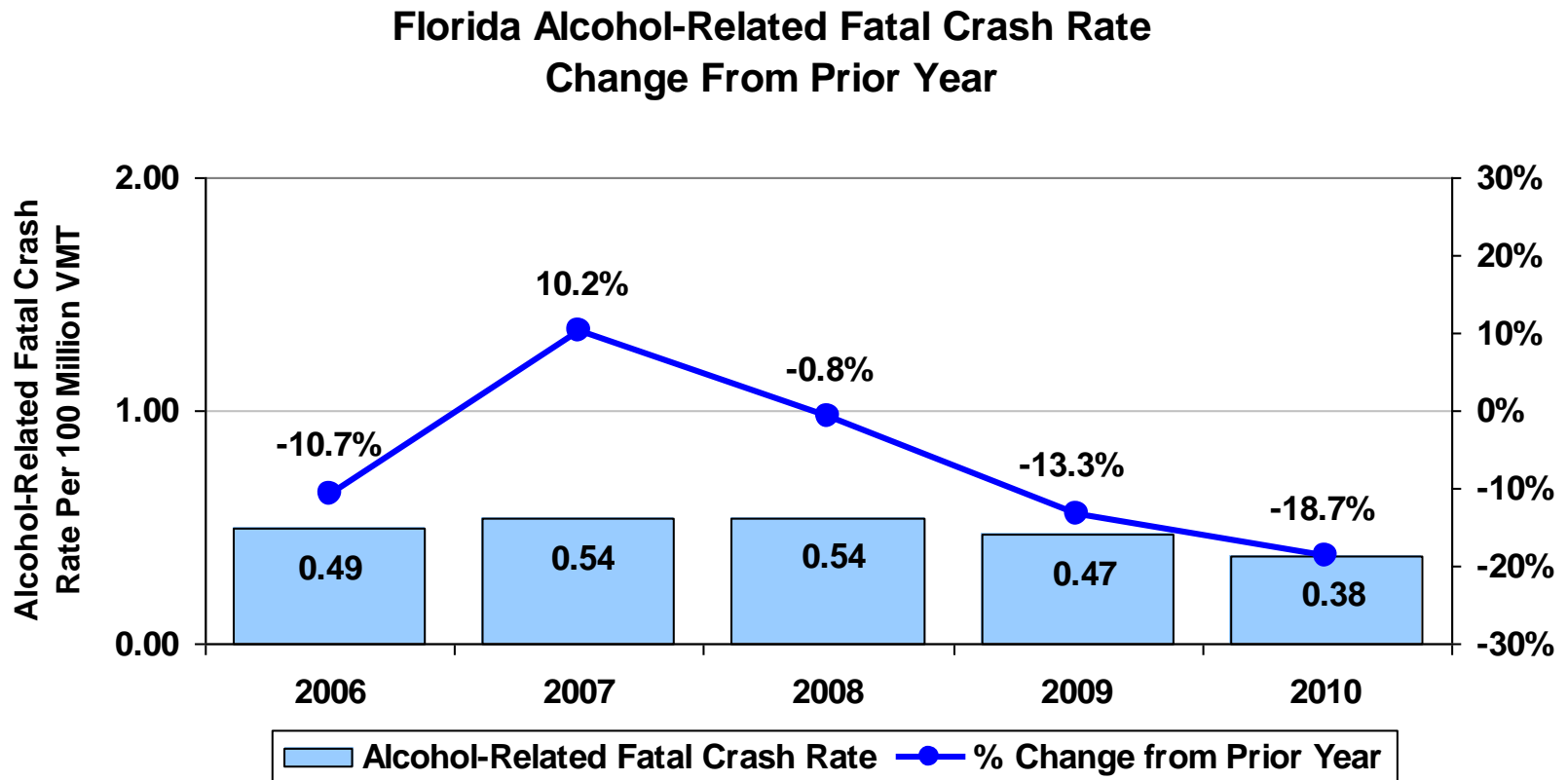
# Florida Alcohol-Related Fatal Crashes Compared to Total Florida Fatal Crashes

**Florida Alcohol-Related Fatal Crashes Compared to All Florida Fatal Crashes**

(Objective: < 30% of Total Crashes by 2011)



# Florida Alcohol-Related Fatal Crash Rate Change From Prior Year



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