# State Transportation Commission

May 31, 2007

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Chief Deputy Director
Michigan Department of Transportation

# Michigan SAFETY PARTNERS

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Chief Operations Officer

# Reaching the Goal by 2008

**"1.0 fatalities per 100 million vehicle miles traveled"**

**One state at a time**

# Key Elements In Reducing Fatalities

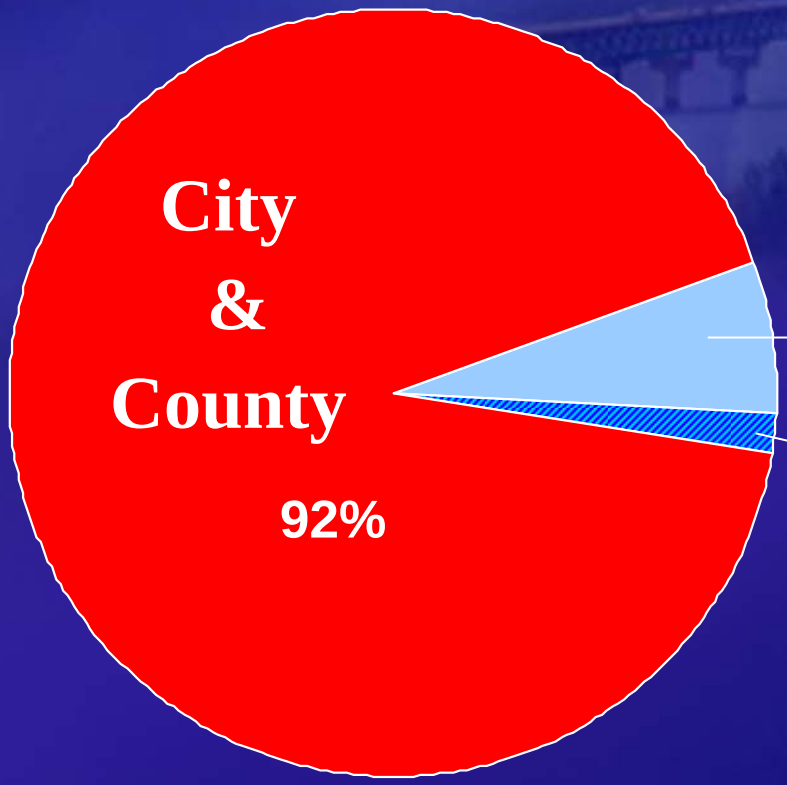
- State Level Partnerships –
  Total Safety Community Involvement
  - Engineering
  - Enforcement → "4Es"
  - Education
  - Emergency Medical Services

- Strategic Highway Safety Plans

- Key Legislation
  - Seat Belts
  - DUI Legislation
  - Work Zone Legislation
  - Child Passenger Safety
  - Graduated Driver's Licensing
  - Motorcycle Helmets

- Safety Funding/Priorities

# Michigan Road Mileage




**State Trunkline – 8% of Total**

6.4% **MDOT Non-freeway**

1.6% **MDOT Freeway**

**122,000 miles**

MDOT
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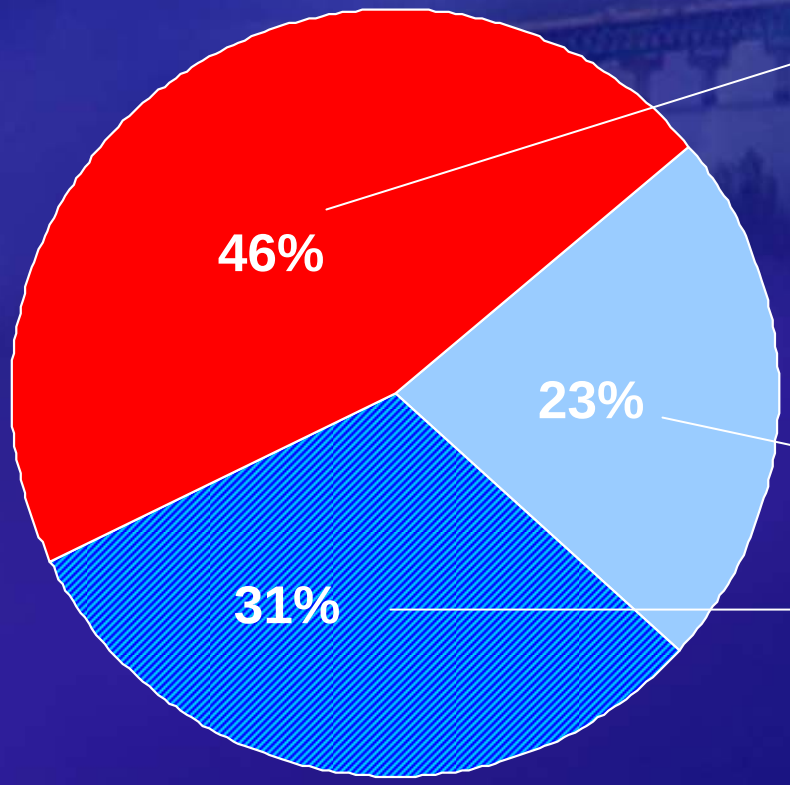
# Michigan Traffic Volume




City & County – 46%

State Trunkline – 54%

MDOT Non-freeway

MDOT Freeway

103.2 Billion vehicle miles traveled

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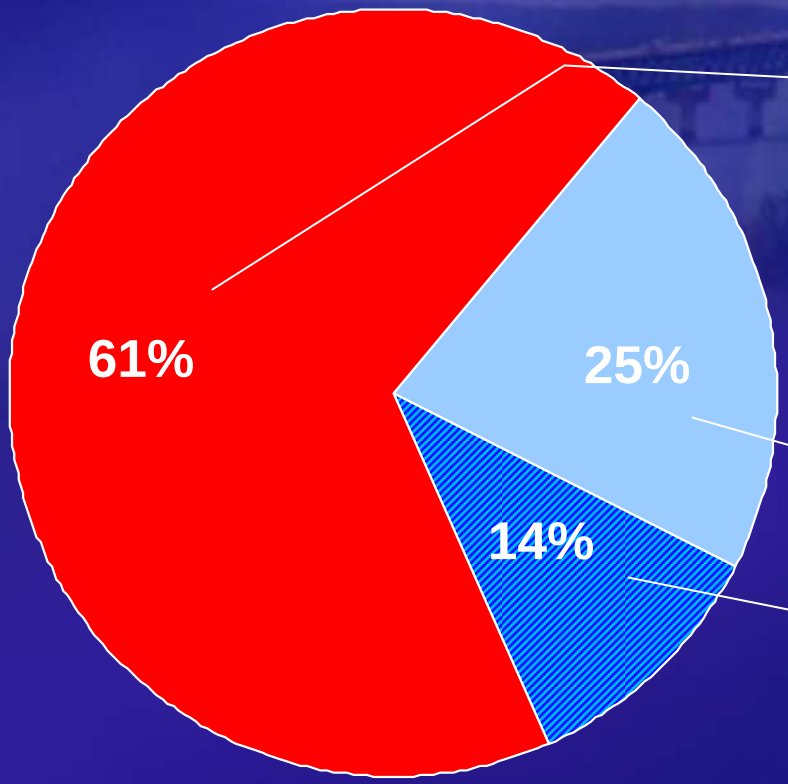
# Michigan Traffic Crashes




City & County – 61%

State Trunkline – 39%

MDOT Non-freeway

MDOT Freeway

350,838 crashes (2005)

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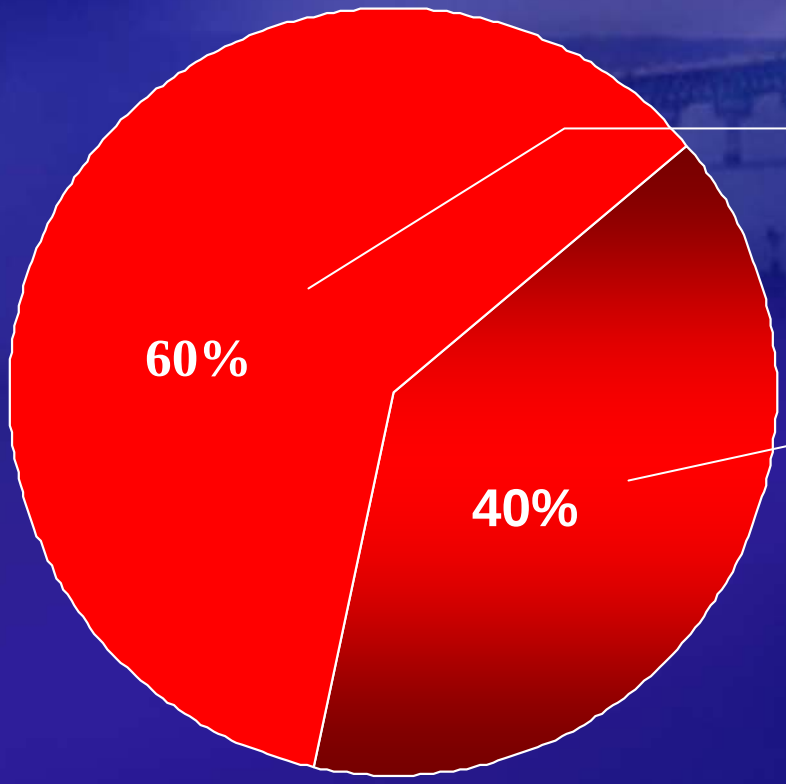
# Michigan Traffic Deaths




City & County

MDOT

**SHARED EFFORT REQUIRED !**

1,129 deaths (2005)

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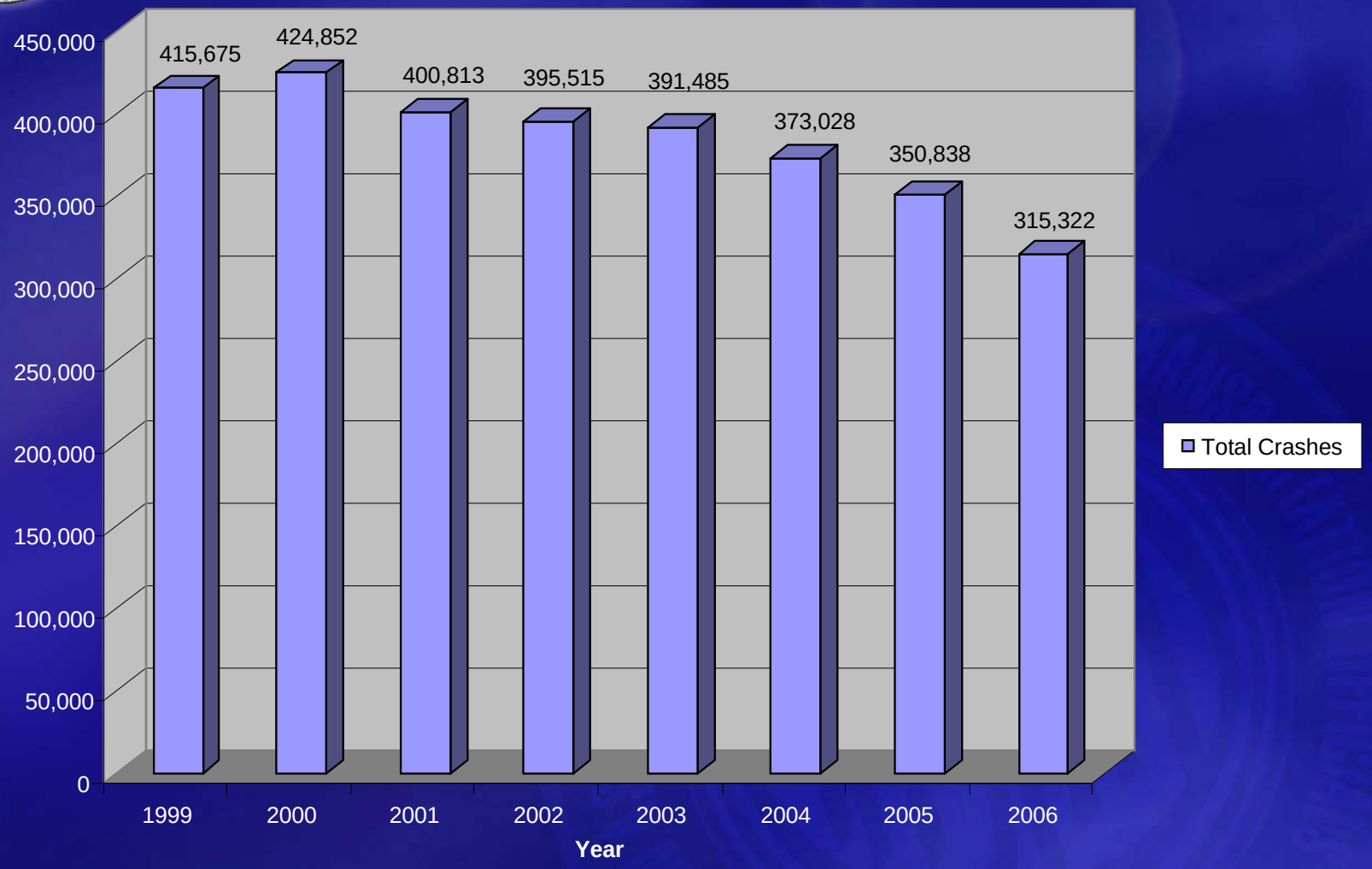
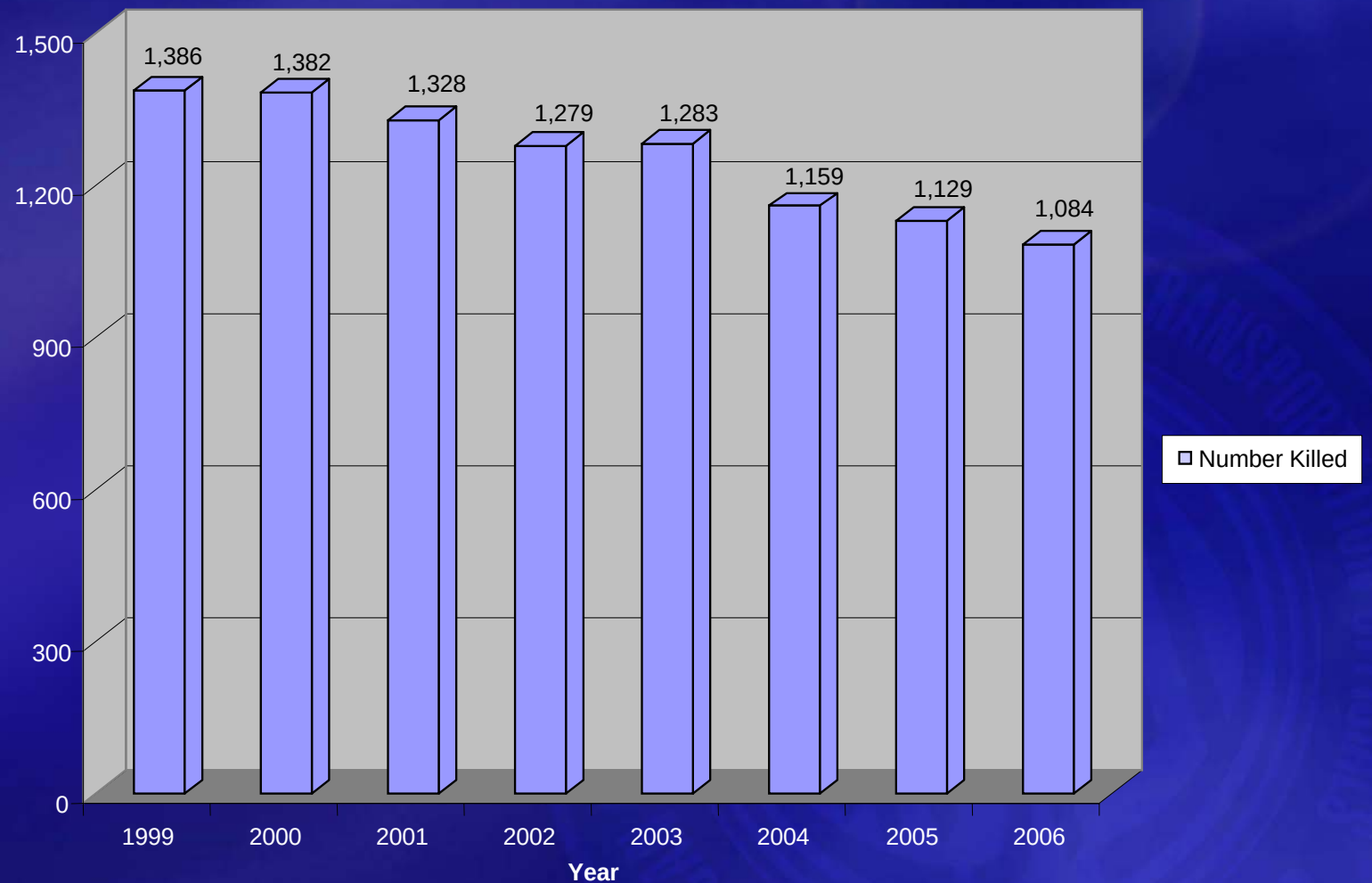
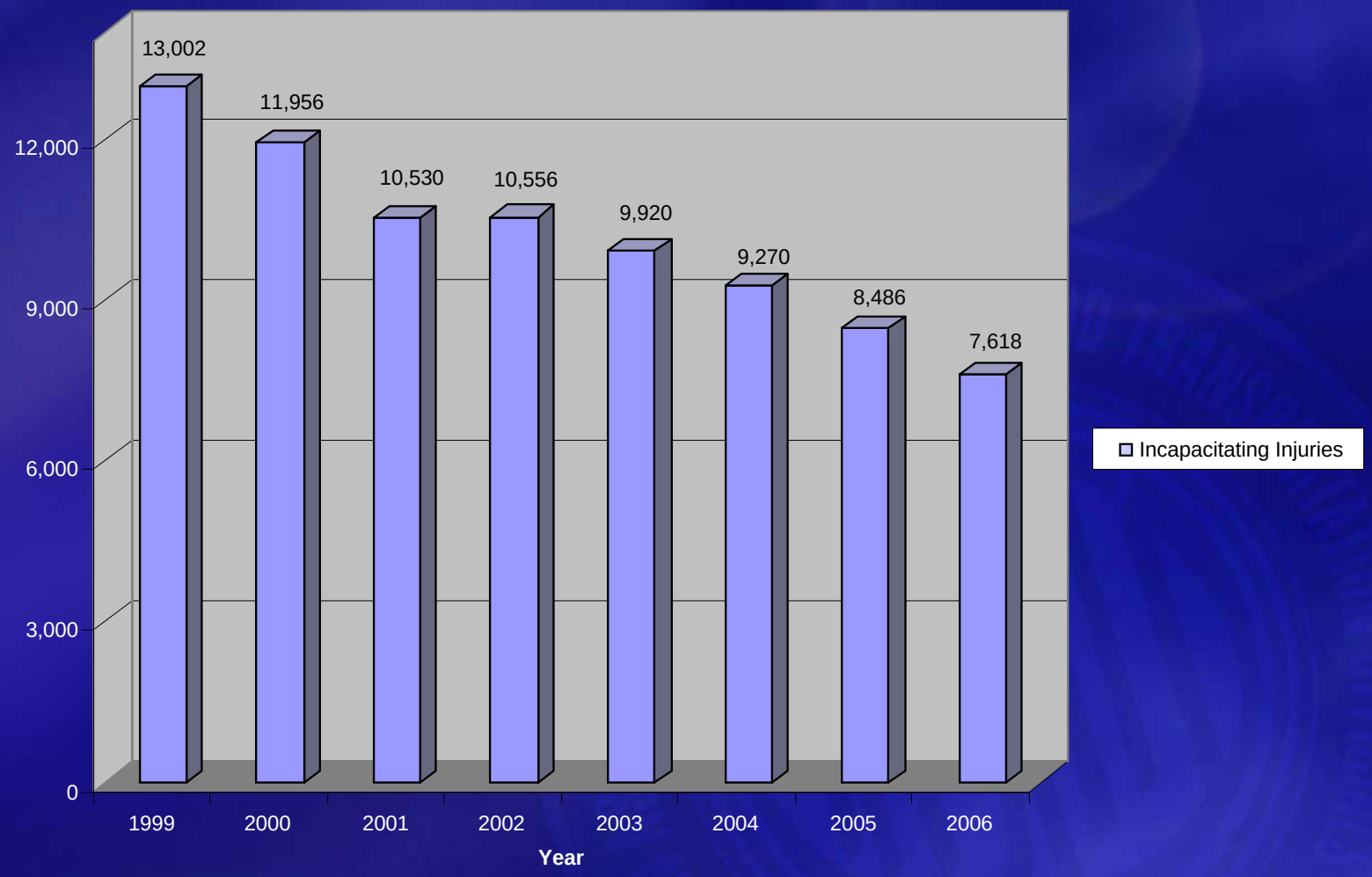
# Michigan's Total Crash Trend



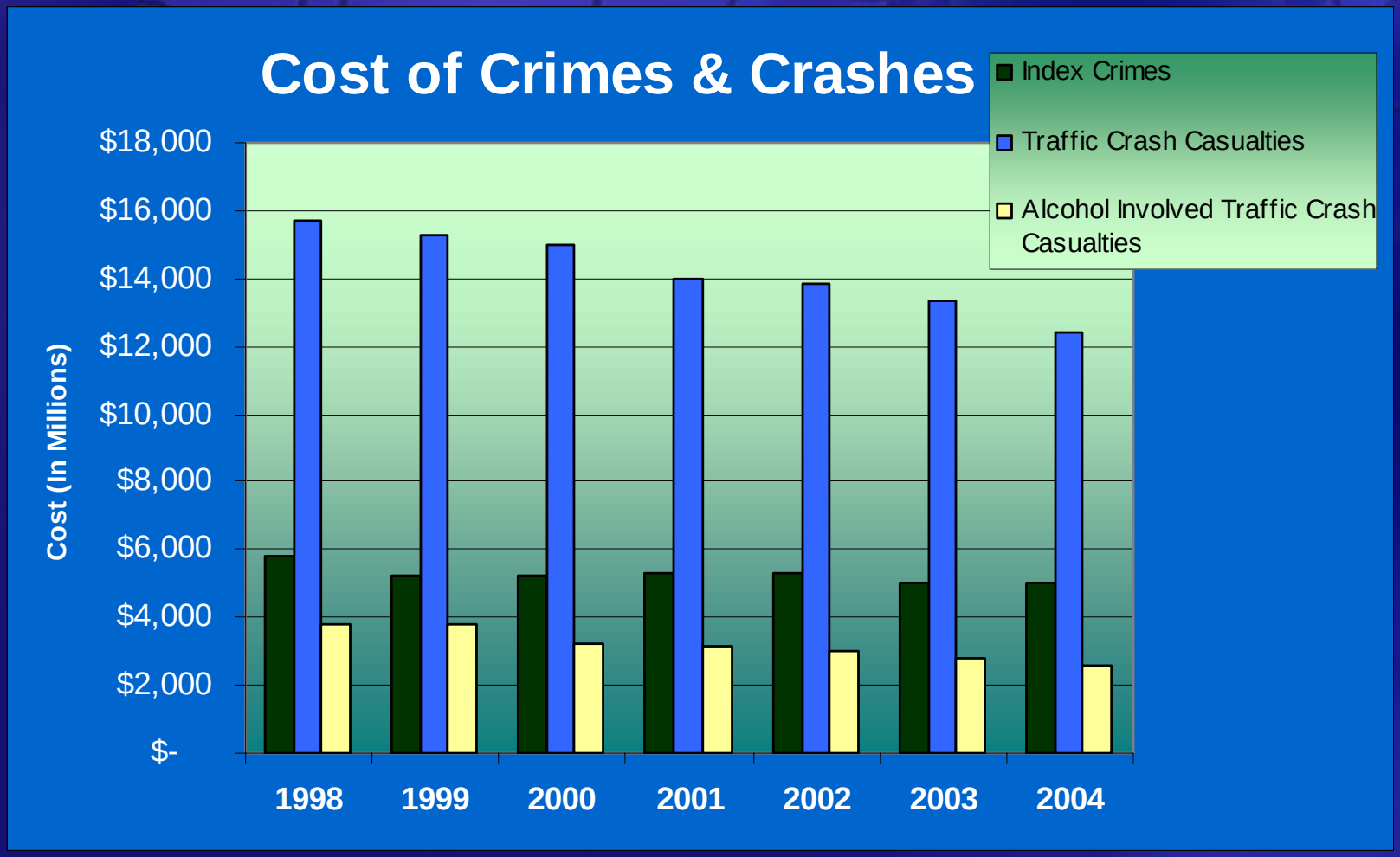
# Michigan's Trend – Deaths in Traffic Crashes



# Michigan's Trend – Incapacitating Injuries in Traffic Crashes



# Costs to Society



# Michigan's Road to Safety

## Partnership Developed for Cooperative Effort

- Executive Branch
- State Agencies
- Local Agencies
- Safety Industry → All the "4 Es essential!
- Legislative
- Judicial

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# Michigan's Traffic Safety Partnerships

**1941** Legislature Created the Michigan State Safety Commission

**1995** Federal mandate created Michigan's Safety Management System

**2002** Creation of the Governor's Traffic Safety Advisory Commission (GTSAC)

**Commissioners:**

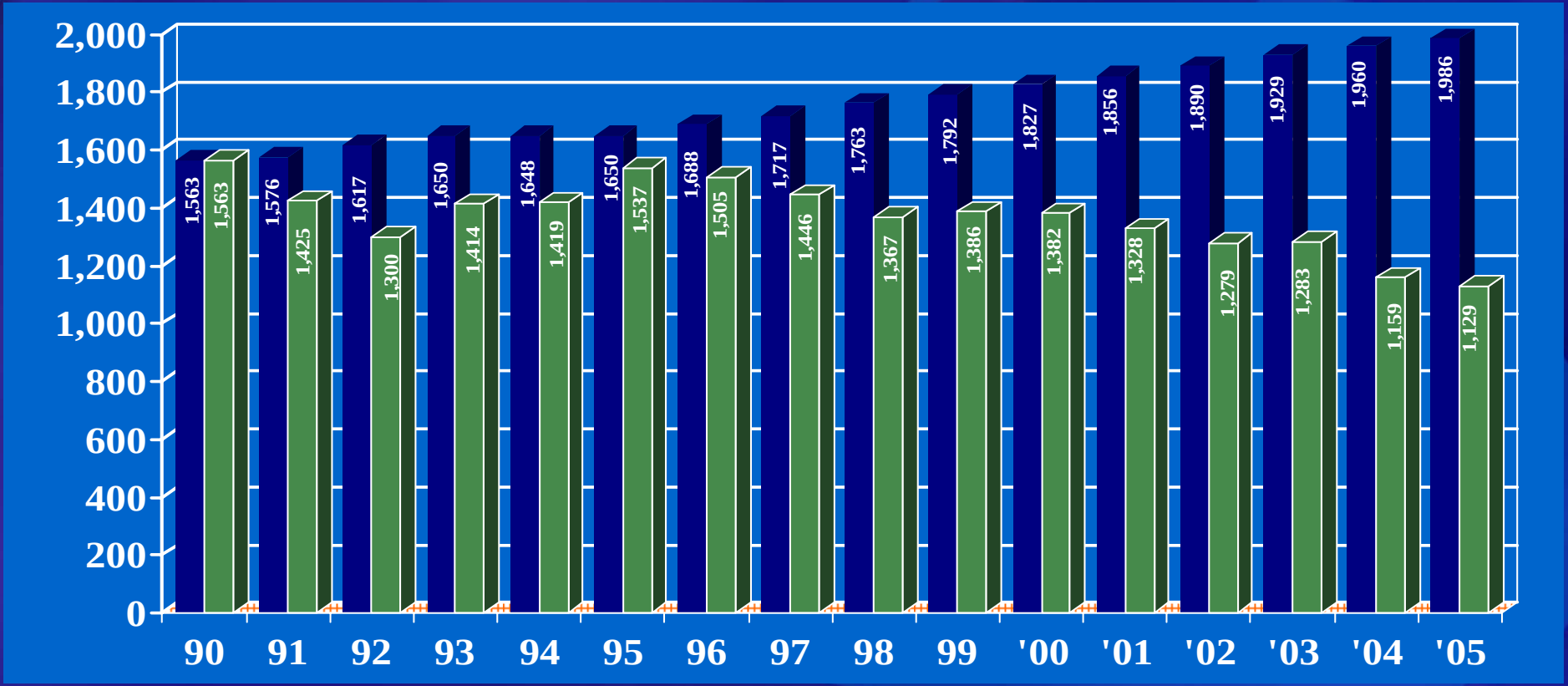
*Governor's Office (chair)*
*Community Health*
*Education*
*Department of State*
*State Police*
*County Road Association*
*Transportation*
*Office of Service to the Aging*
*Office of Highway Safety Planning*
*County Sheriffs*
*Chiefs of Police*

**Partnership includes a broad coverage of public and private safety organizations (AAA Michigan, MADD, auto industry, etc. . .)**

**2005** Michigan Strategic Highway Safety Plan

# Actual Fatalities vs. Possible Fatalities

*Number of fatalities possible if the rate of fatalities had remained at 1990 level of 1.92 per 100 million vehicle miles traveled*

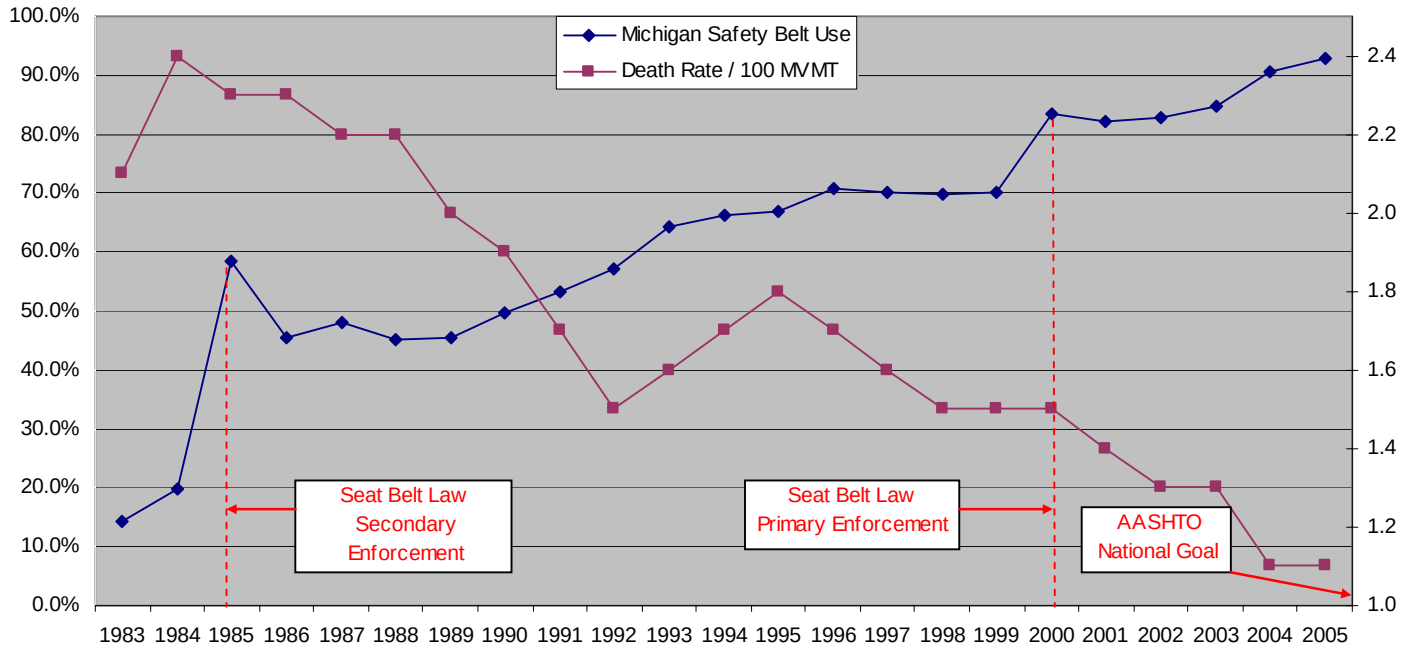


# Michigan's Strategic Highway Safety Plan

## 12 Focus Areas

1. Traffic Records and Information Systems
2. Lane Departure
3. Intersection Safety
4. Work Zone Safety
5. Commercial Vehicle Safety
6. Occupant Protection

# Michigan's Safety Belt – Death Rate
## 1983-2005



# Michigan's Strategic Highway Safety Plan

## 12 Focus Areas

7. Alcohol/Drug Impaired Driving
8. Driver Behavior and Awareness
9. Elderly Mobility and Safety ⇨ "AASHTO Lead State"
10. Drivers Age 24 and Younger
11. Motorcycle Safety
12. Pedestrian and Bicycle Safety

dream: a condition or achievement
that is longed for; an aspiration.

# DREAMS - (ACTIONS) = squat

action: something done or accomplished; a deed.

squat: not anything; absolutely nothing.

# Nation’s Road to Safety

Now the Challenge is . . .

“ACTION. . . By All “4Es”

# Where Does the Road to Safety End?

- Acceptable Fatality Rate ⇨ **ZERO**
- Safety is a never-ending journey
- Success depends on partnerships

Local + State + National

*"The care of human life and happiness*
*…is the first and only objective of good government."*

-Thomas Jefferson