

# The Importance of Injury and Violence Prevention Research

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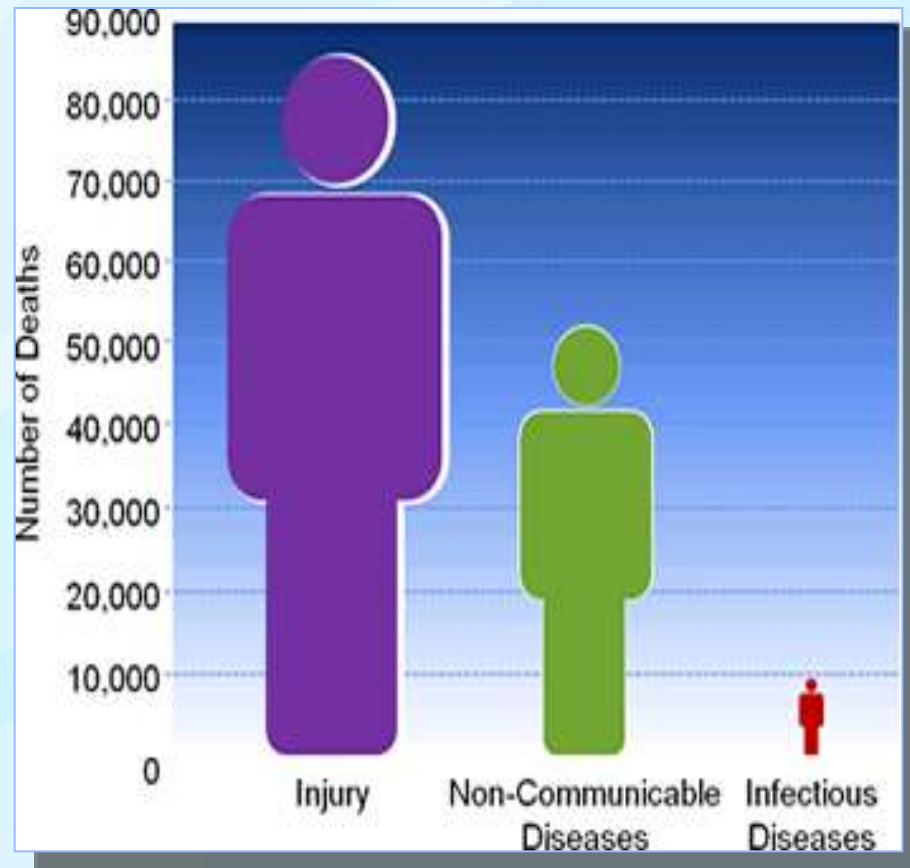
# Overview

- ❑ **Understanding the Burden of Injury and Violence**
- ❑ **NCIPC's role in Scientific Research**
- ❑ **NCIPC Budget Information**
- ❑ **NCIPC's Areas of Focus**
- ❑ **Why Invest in Injury and Violence Prevention Research?**
- ❑ **Summary**

# Injury and Violence – The Burden

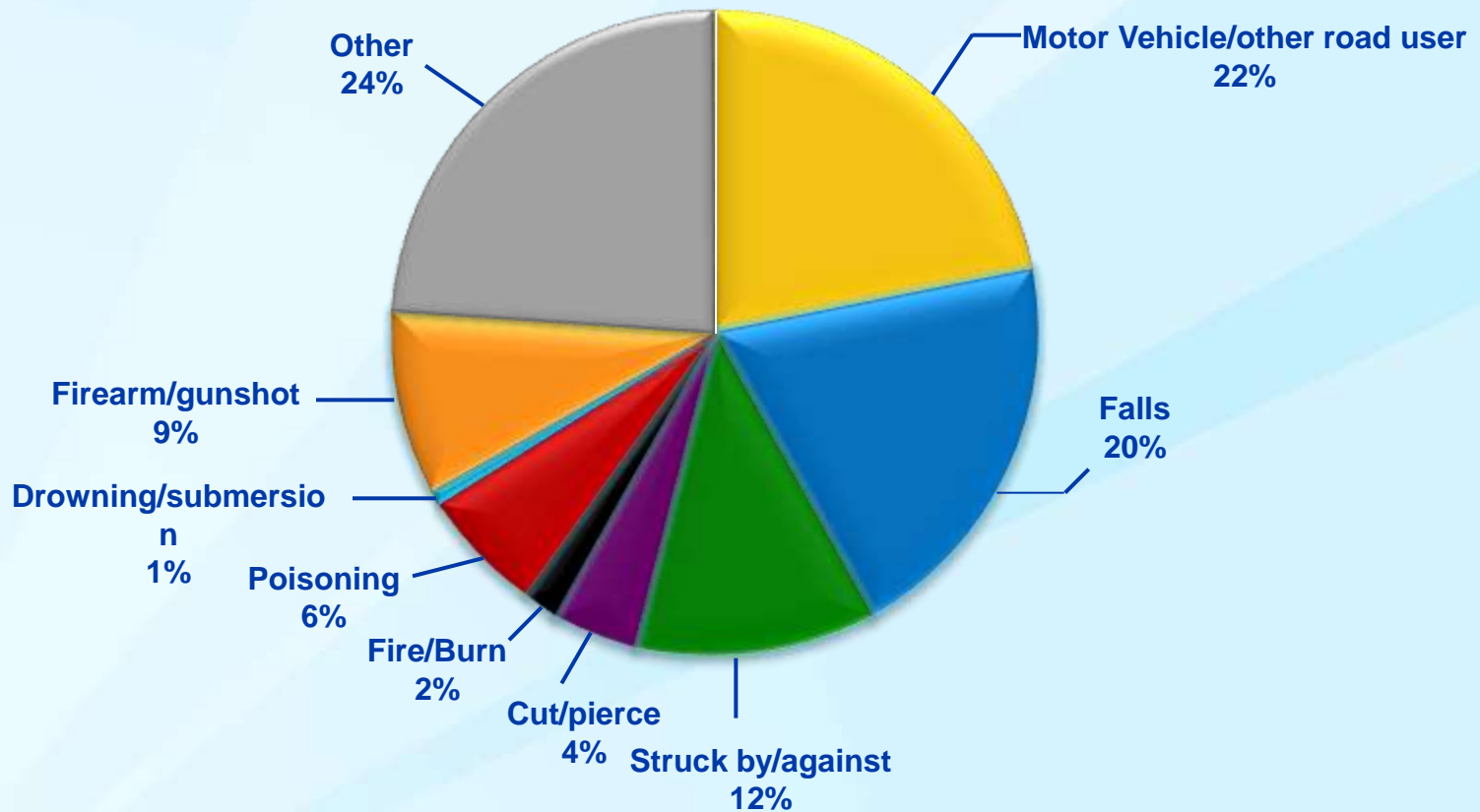
Each year:

- ❑ >180,000 injury deaths — 1 person every 3 minutes
- ❑ Leading cause of death for people ages 1-44 in the US
- ❑ > 2.8 million people hospitalized for injury treatment
- ❑ > 29 million people treated in EDs for injury



# Cost of Injury by Mechanism

Total cost: \$406 Billion



# NCIPC's Role in Scientific Research

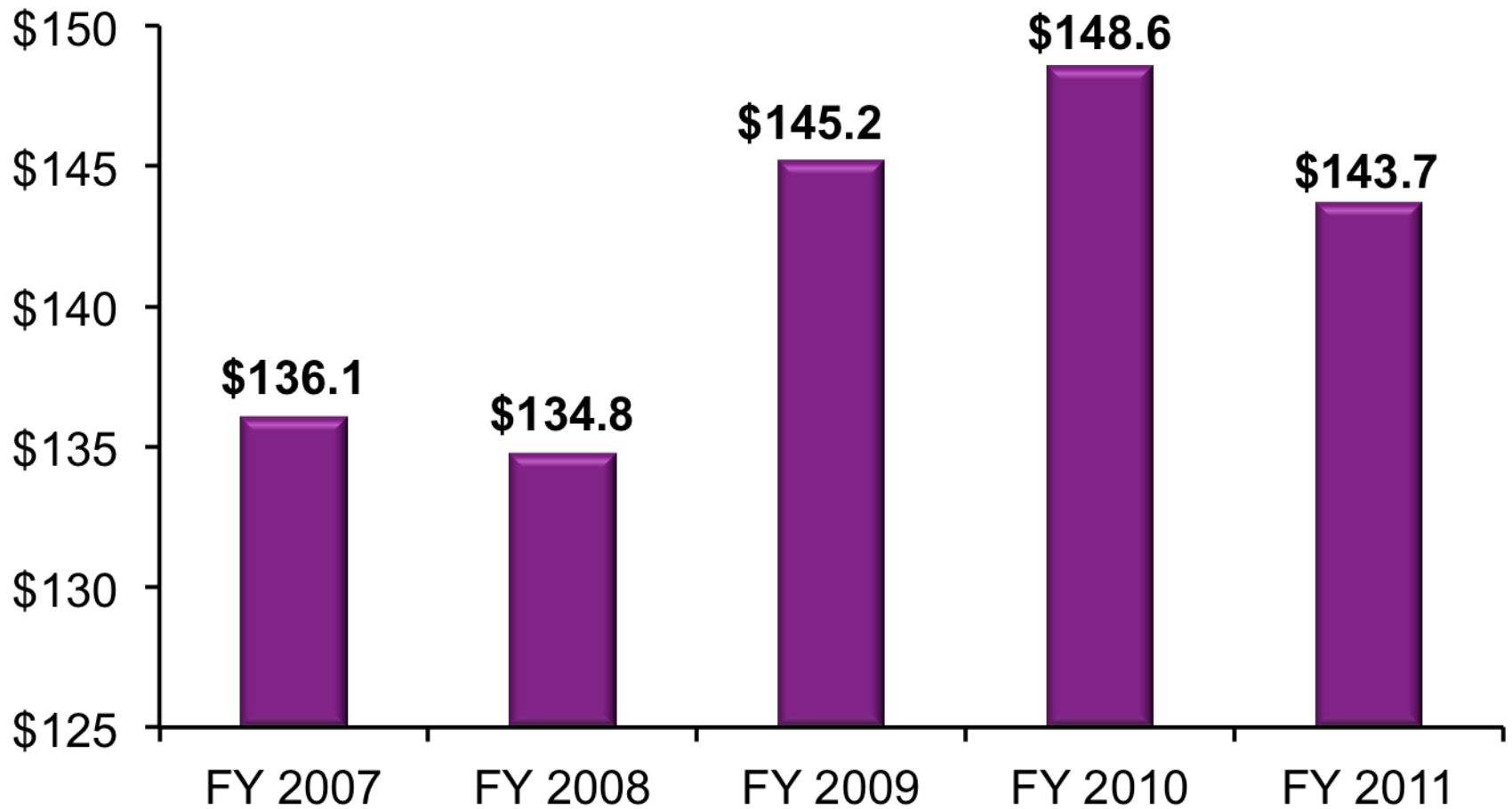


**“We have an obligation to promote safer environments where people can reach their fullest potential. The CDC’s Injury Center works to prevent the adverse health effects associated with injuries and violence in America.”**

***- Dr. Thomas Frieden, CDC Director***



## Injury Center Funding FY 2007 – FY 2011 (in Millions)

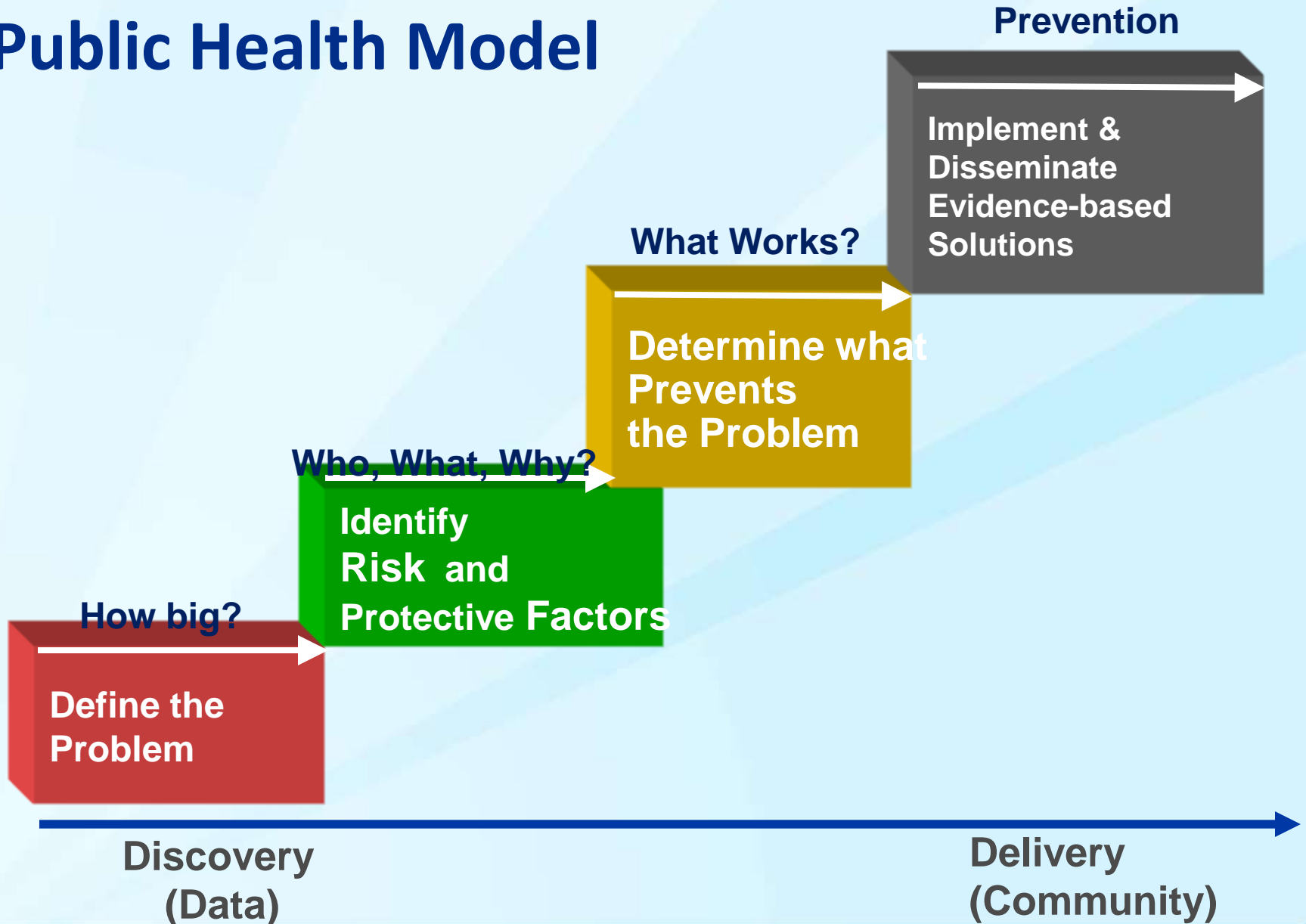


# NCIPC's Areas of Focus

- ❑ Motor vehicle-related injury prevention
- ❑ Prevention of violence against children and youth
- ❑ Prevention of prescription drug overdose
- ❑ Prevention of traumatic brain injury



# Public Health Model



# Research to Practice

- ❑ Triple P Demonstrations
- ❑ Abusive Head Trauma Demonstrations
- ❑ Ignition Interlock Community Guide and Evaluation
- ❑ Motorcycle Safety Guide
- ❑ Prescription Drug Monitoring Program Evaluation
- ❑ Evaluating Return to Play Laws



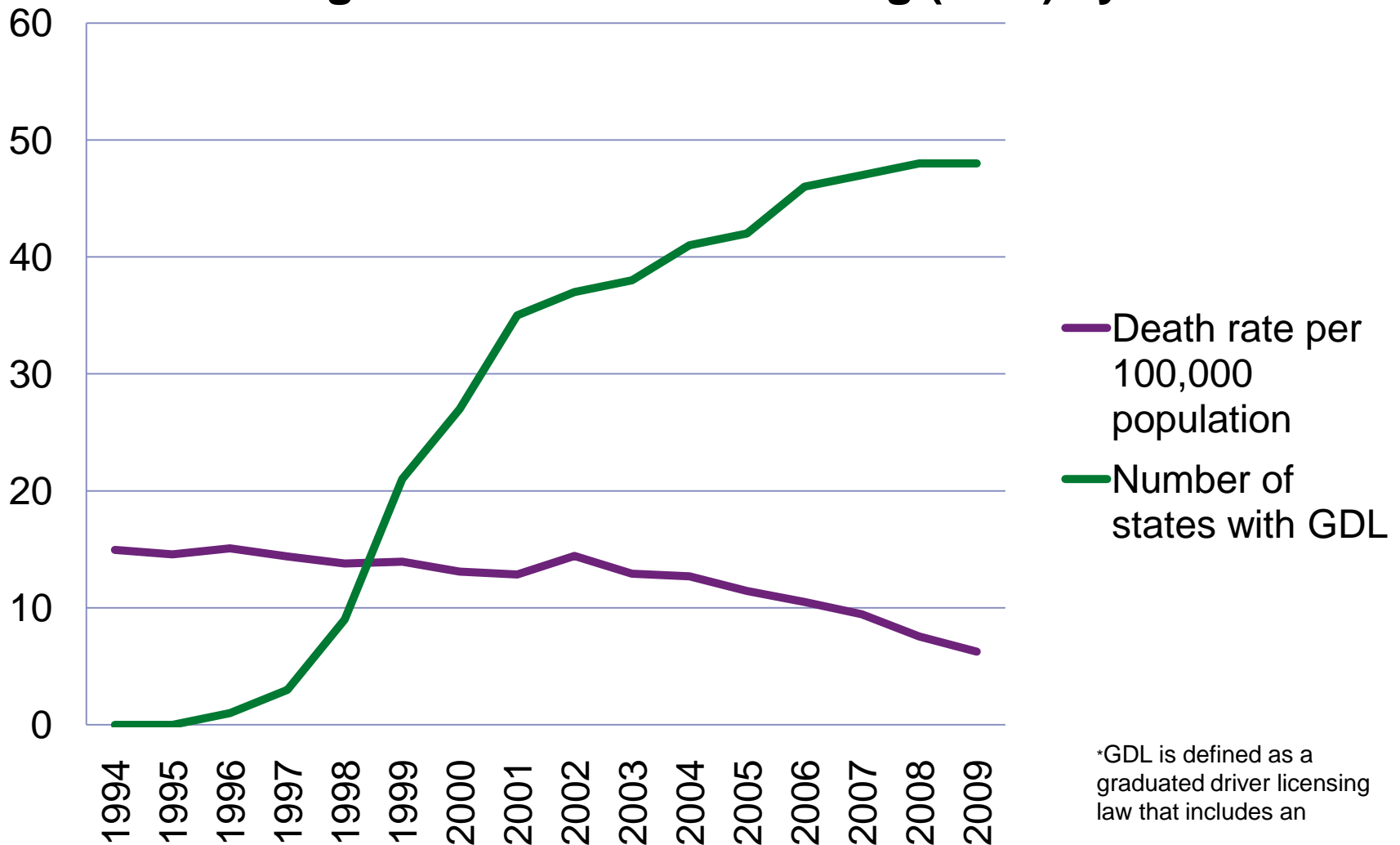
# Why Invest In Injury and Violence Prevention?

Prevention Method	Cost	Benefit to Society
Booster Seats	\$35	\$2,500
Battery Operated Smoke Alarm	\$44	\$770
Alcohol -Testing Ignition Interlock	\$1,200 per vehicle	\$7,800
Graduated Drivers Licensing (GDL)	\$70 per child	\$500
Adherence to treatment guidelines for severely injured TBI patients	\$2,618 per person	\$11,280 In direct medical costs
Triple P Positive Parenting Program ®	\$13 per child	\$47

Source: Children's Safety Network (Booster Seats, Battery Operated Smoke Alarm and Alcohol –Testing Ignition Interlock)

Source: CDC – GDL, TBI Treatment, Triple P

## 16- or 17-year old drivers fatally injured in traffic crashes, U.S., 1994-2009 and number of states with a graduated driver licensing (GDL) system.



\*GDL is defined as a graduated driver licensing law that includes an

# What We Can Achieve

To put injury and violence prevention on the map as the premier public health achievement of the **decade!**



# Thank you!

**For more information please contact Centers for Disease Control and Prevention**

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The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.