

Health Economics and Policy Research at NCIPC

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National Center for Injury Prevention and Control



Health Economics and Policy Research Team

- **Mission: To reduce injury and violence by providing state-of-the-art information for decision makers using the tools of economics and decision science**
- **Goals**
 - Provide timely estimates of the economic burden of injury and violence using the most up to date methodology and data available
 - To apply rigorous scientific processes to plan, analyze, synthesize, and translate research to demonstrate the effectiveness of injury and violence prevention in real world settings
 - Describe the impact of alternative prevention options to maximize the impact of scarce prevention resources
 - Increase understanding of economic and demographic changes on rates of injury and violence

Efficient Resource Use for Injury Prevention

- **Expand on prior efforts**
 - Older adult falls prevention
 - Motor vehicle injury prevention
 - Child maltreatment prevention programs
- **Improve effective communication of results**
- **Develop microsimulation models to describe alternative scenarios for implementing prevention strategies**

Economic Burden Estimates

- **Updated valuation methodology**
 - Value of quality of life lost (nonfatal injury)
 - Value of statistical life lost (fatal injury)
- **WISQARS Cost Module 2.0**
 - New data source for medical and work loss cost of emergency department treated nonfatal injury
 - Estimate Quality of Life Lost for emergency department treated nonfatal injury
 - Use Value of Statistical Life to value fatal injury
- **Data Dashboard**
 - State level estimates of opioid economic burden

Evaluate Injury Prevention in Real World Settings

- **Explore methods for systematically collecting data to evaluate the effectiveness and cost-effectiveness of prevention strategies**
- **Build on prior successes**
 - Cardiff Model evaluation
 - Earned Income Tax Credit and child maltreatment

Economic and Demographic Impacts on Injury

- **Forecasting models for fatal injury rates**
 - Overall
 - Suicide
 - Poisonings
- **Collaboration with new Data Science team**
 - Analysis of “Big Data”
 - Use of alternative/new data sources



For more information please contact Centers for Disease Control and Prevention

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