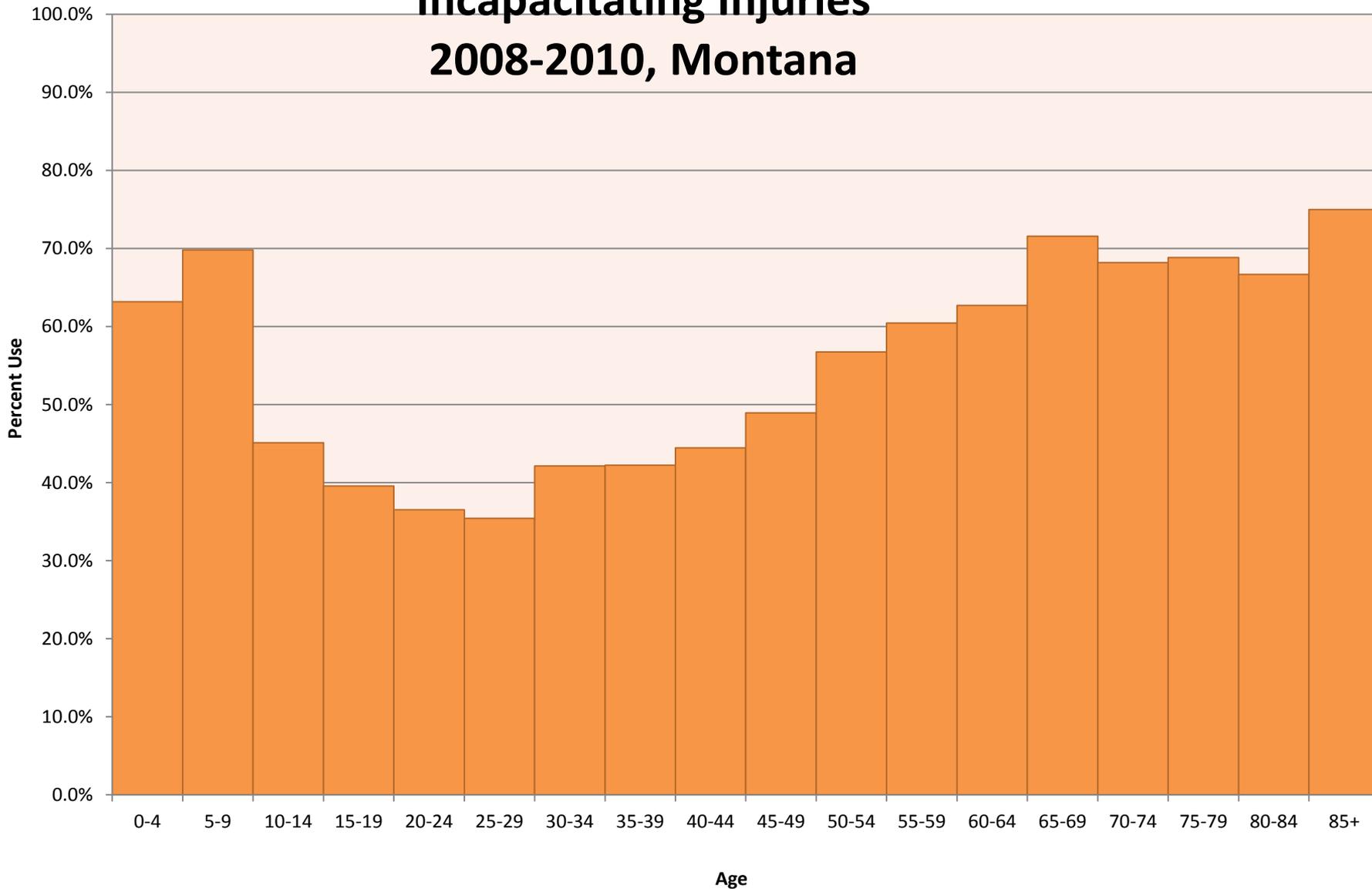


Annual Transportation Safety
Planning Meeting

SEAT BELT EMPHASIS AREA

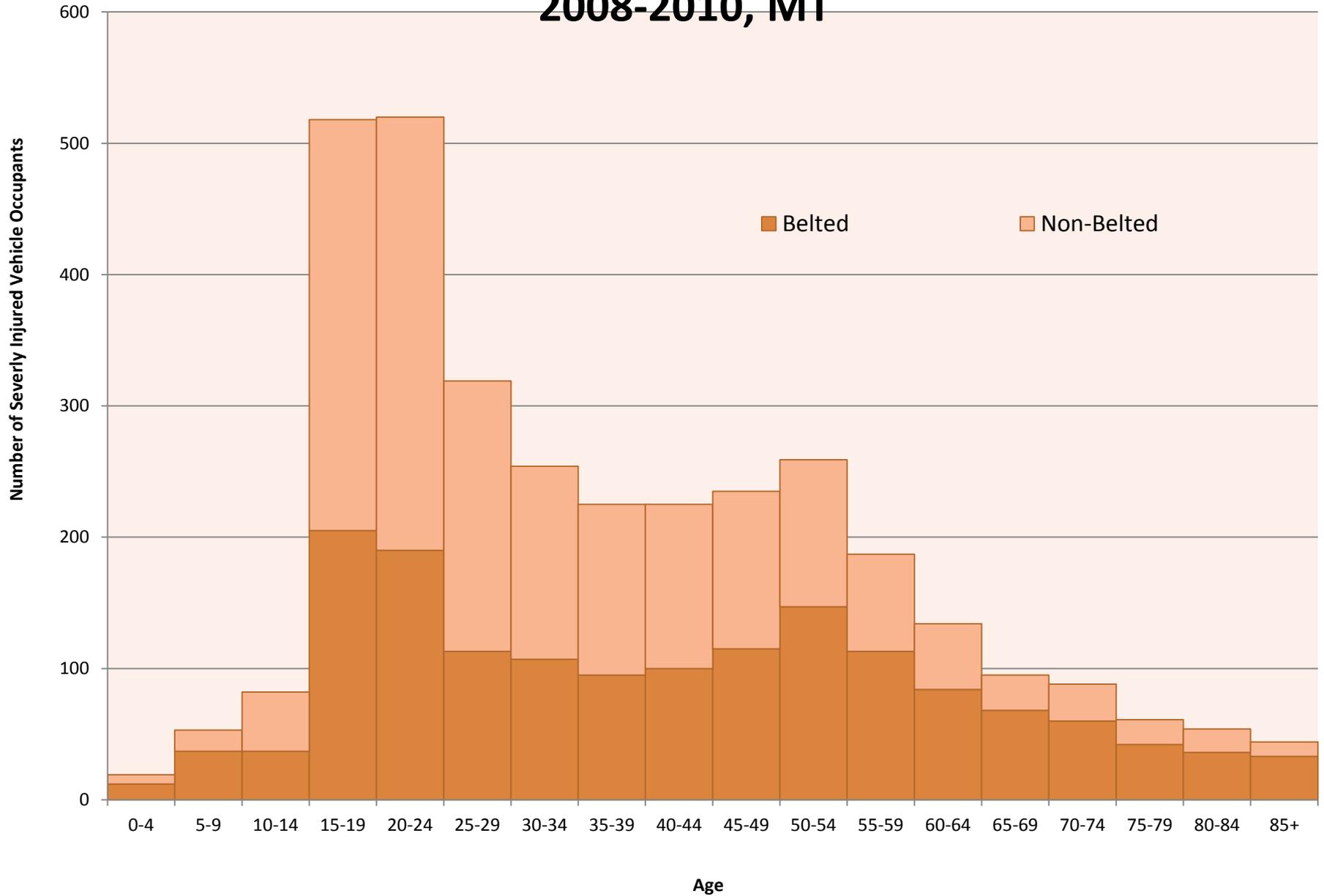
June 8, 2011

Restraint Use by Occupant Age for Fatal & Incapacitating Injuries 2008-2010, Montana



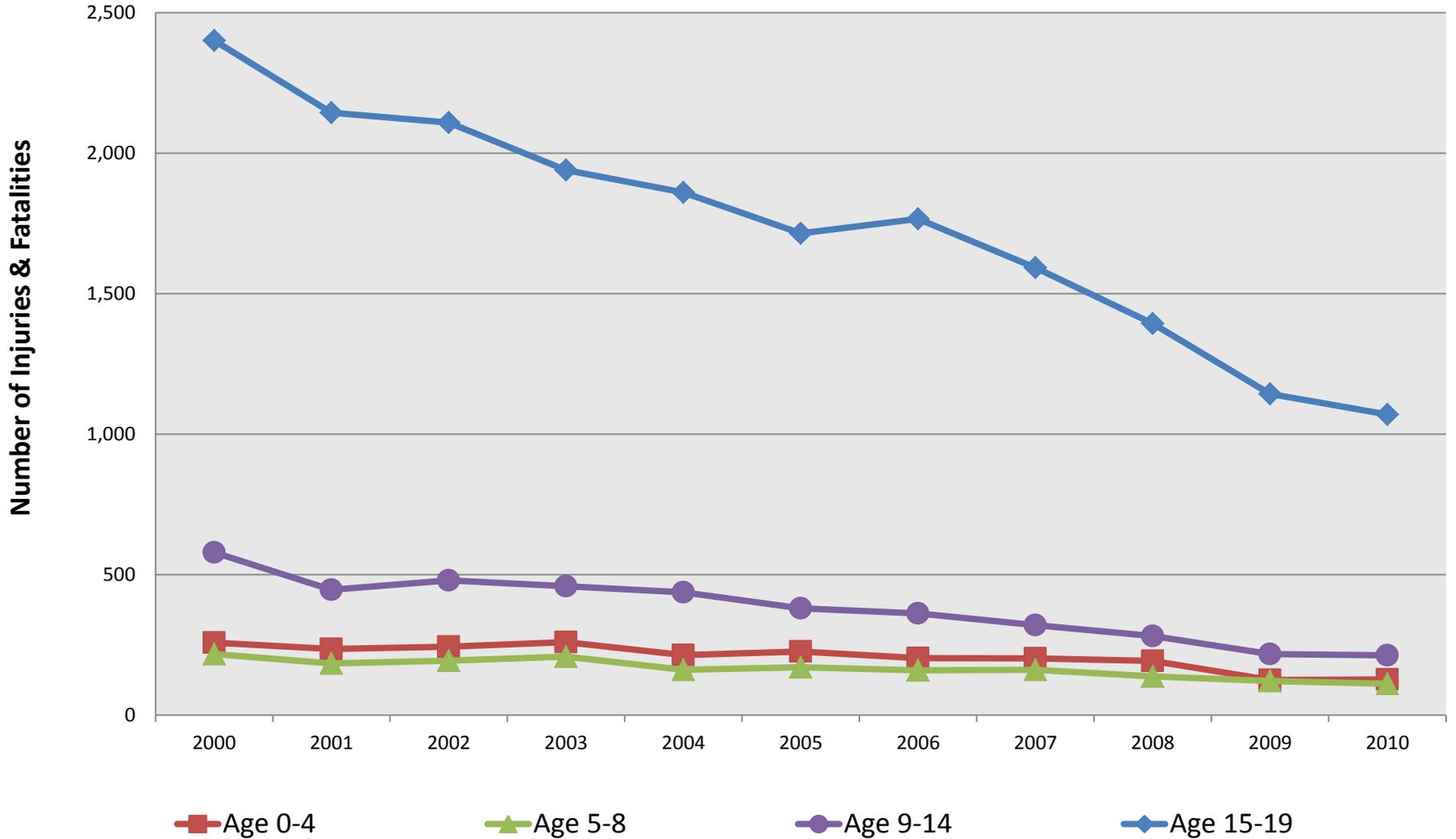
Restraint Use by Occupant Age for Fatal & Incapacitating Injuries

2008-2010, MT

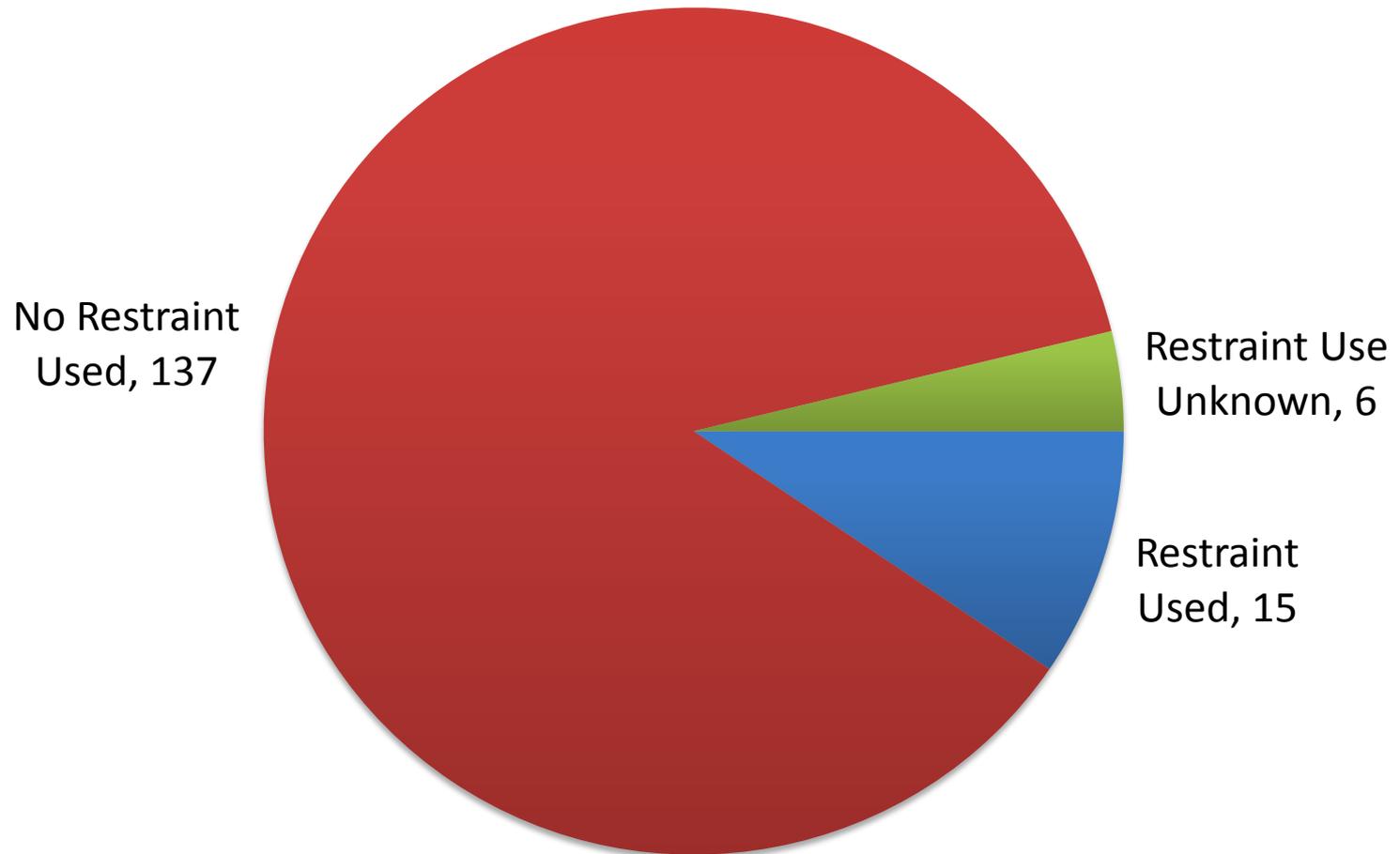


Young Person Injuries & Fatalities, 2000-2010, MT

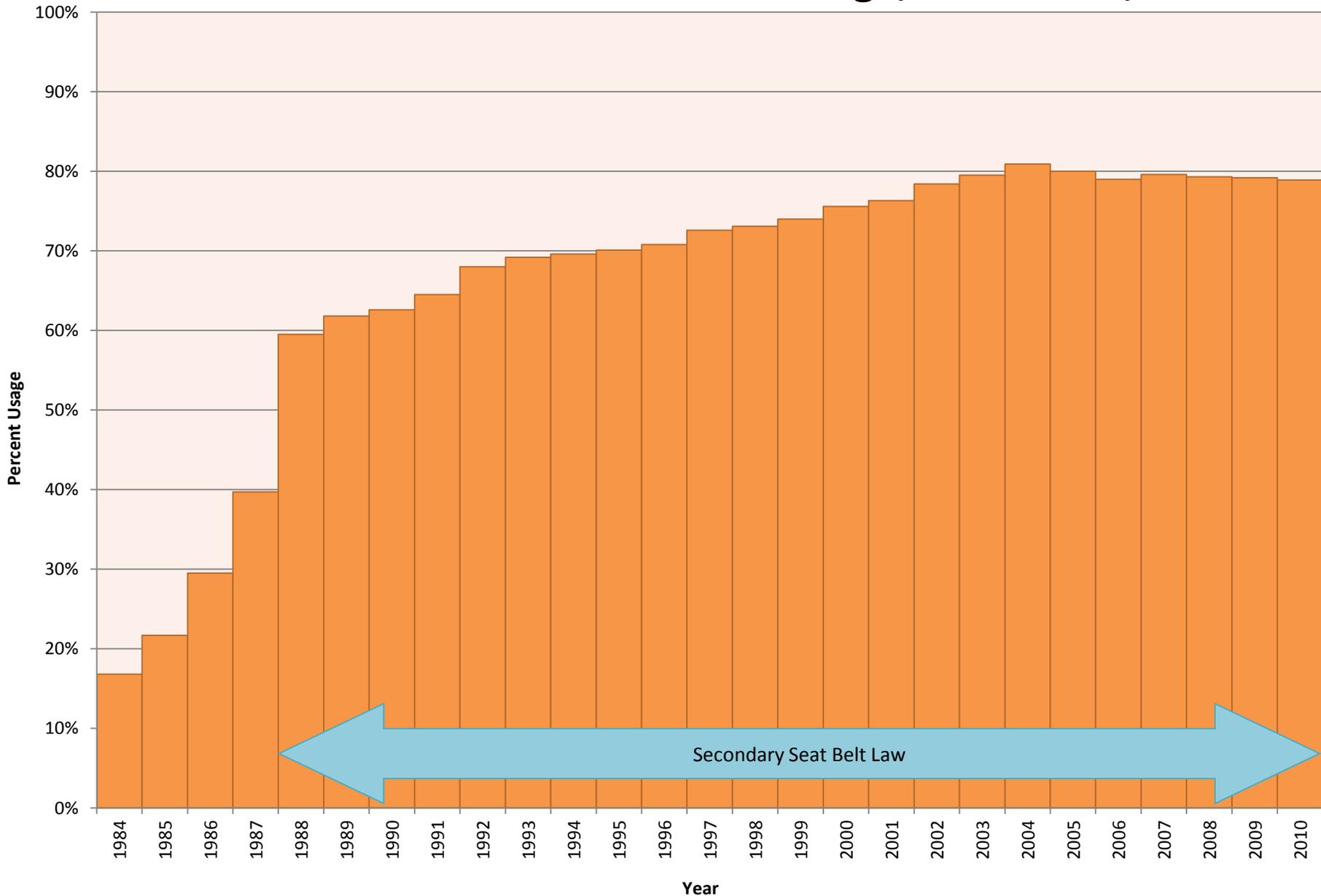
(Excludes Pedestrians & Bicyclists)



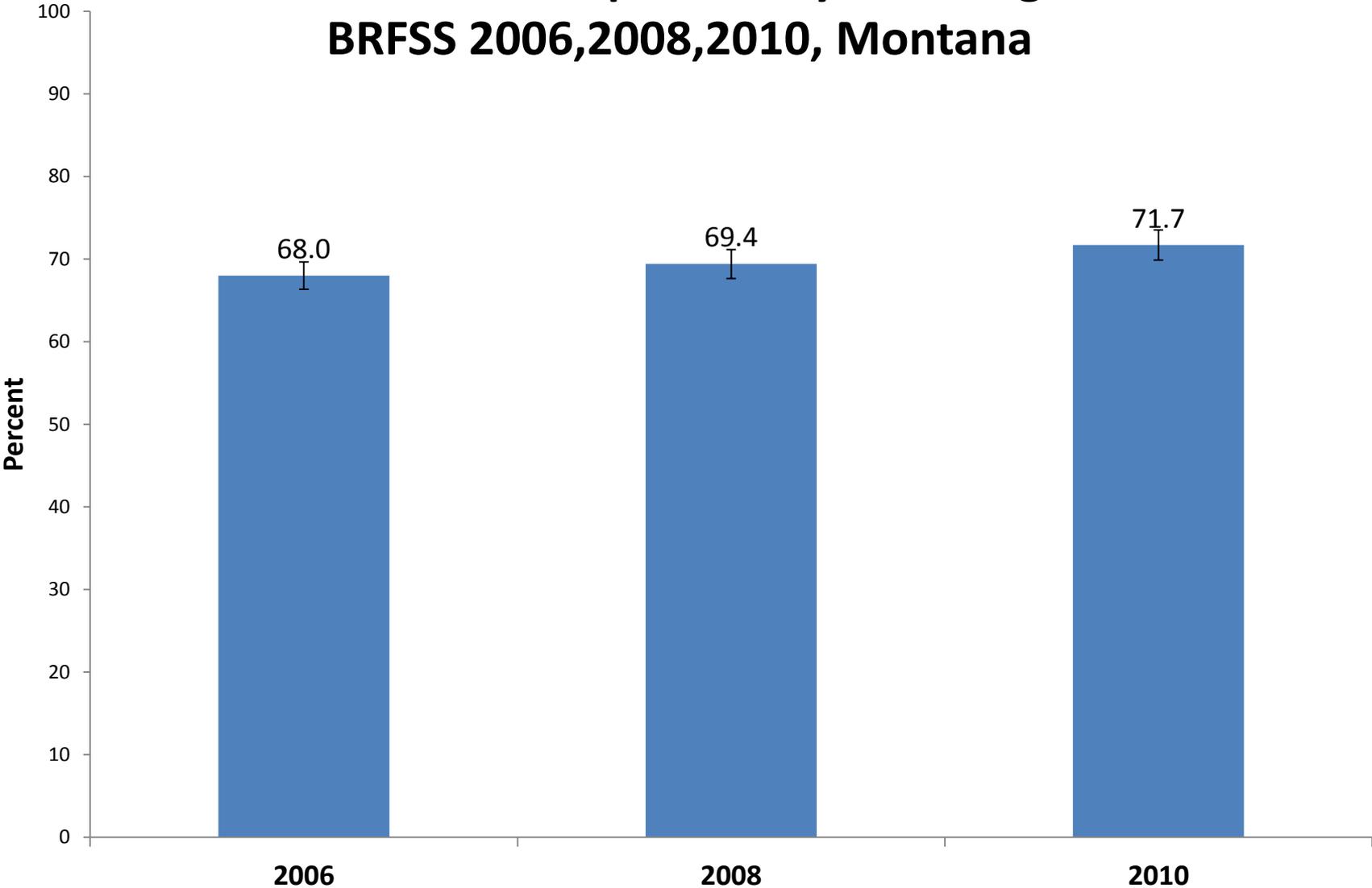
Native American Fatalities by Restraint Use, 2006-2010, Montana



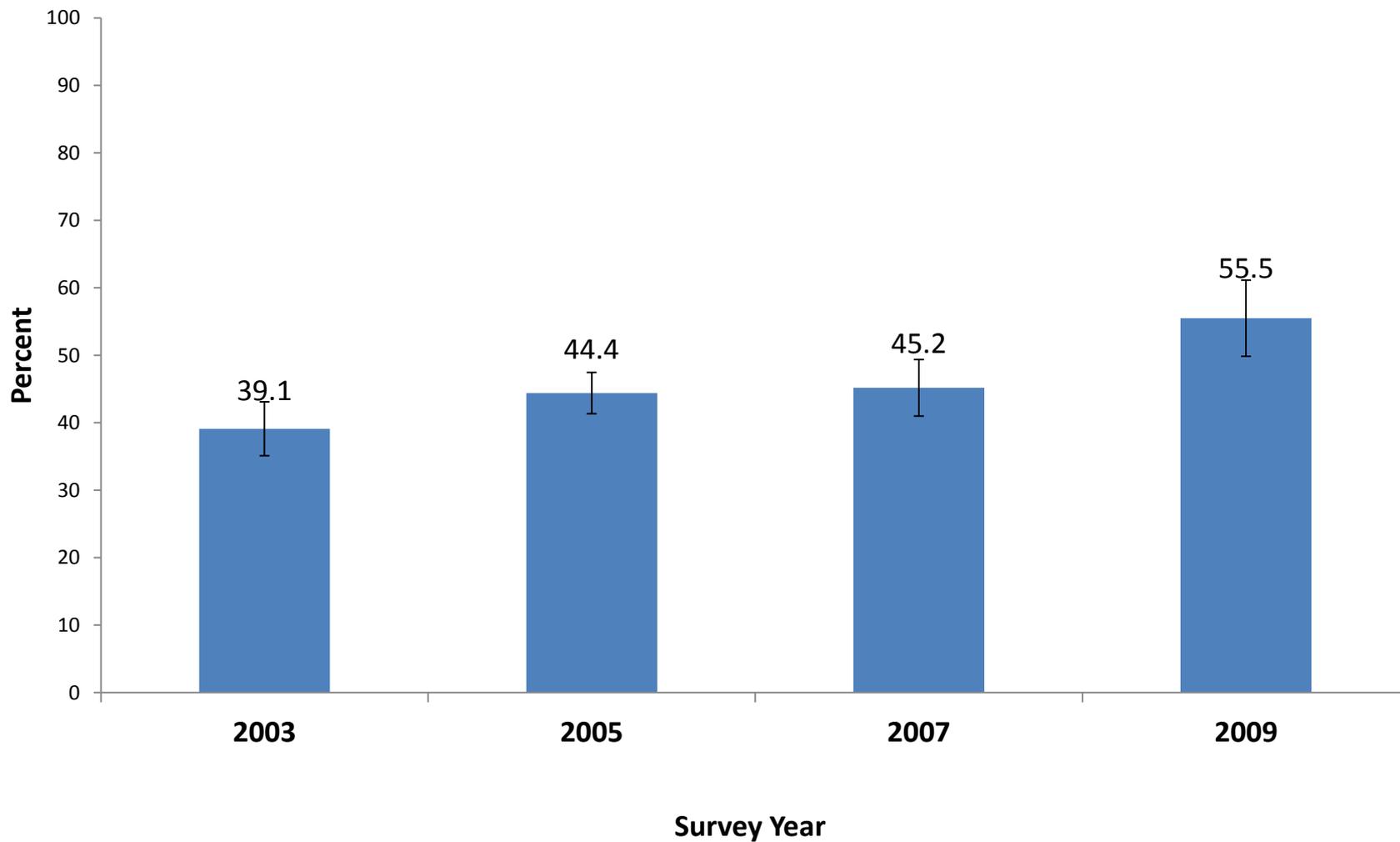
Observed Seat Belt Usage, 1984-2011, Montana



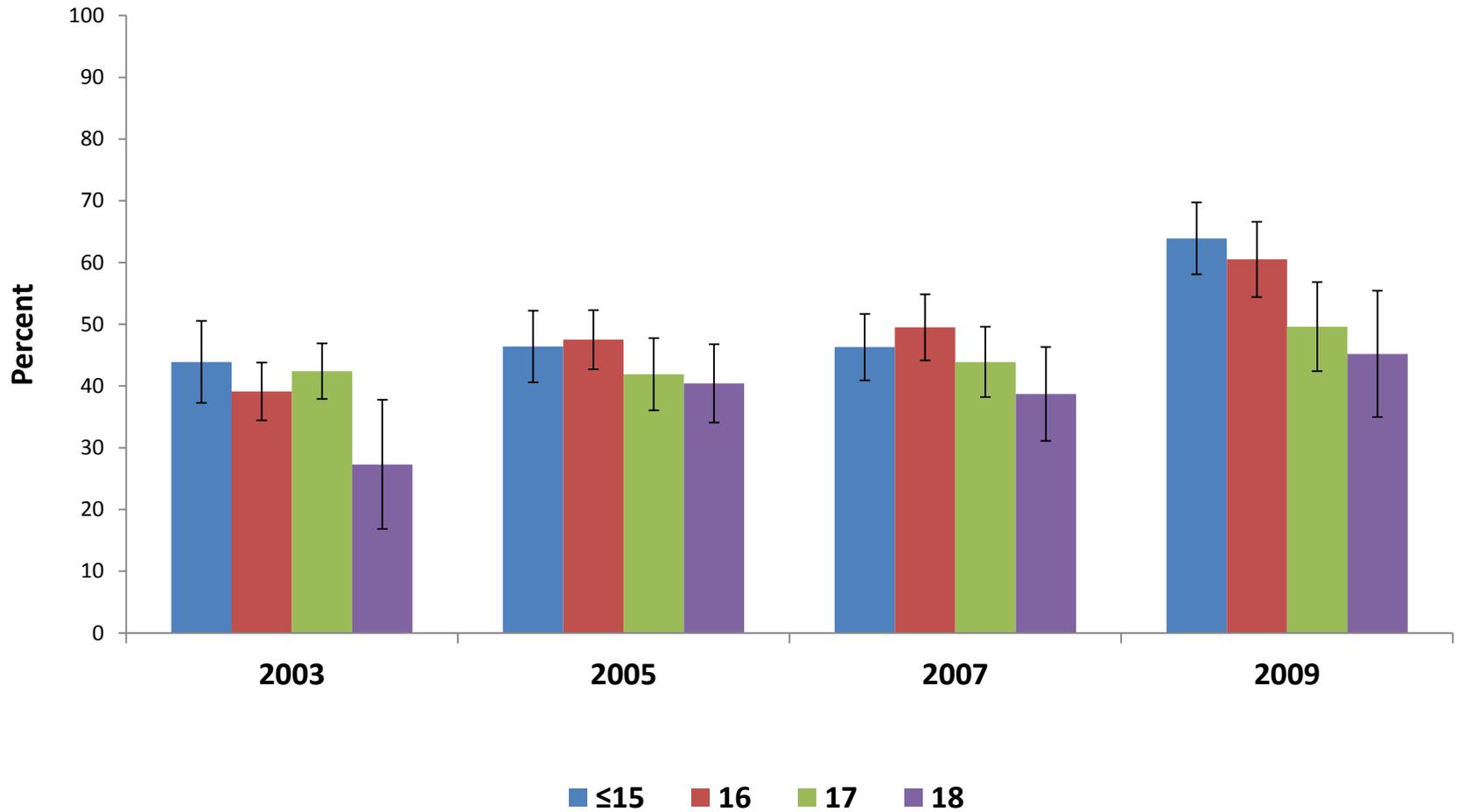
Percent of adults who report always wearing a seat belt BRFSS 2006,2008,2010, Montana



Percent of high school students who always wear their seat belt, YRBS 2003, 2005, 2007, 2009, Montana



Percent of high school students who report always wearing their seatbelt by age, YRBS 2003, 2005, 2007, 2009, MT



Youth Risk Behavioral Survey (YRBS)

Survey Year

MT Occupational Injury and Illness Data, 2009

Non-Fatal Injury / Illness

4580 Incidents

100 Transportation-Related (2%)

Fatal Injury / Illness

52 Deaths

23 Transportation-related (44%)

Populations at highest risk for low seat belt use

- Ages 15 - 29
- Males
- Native American

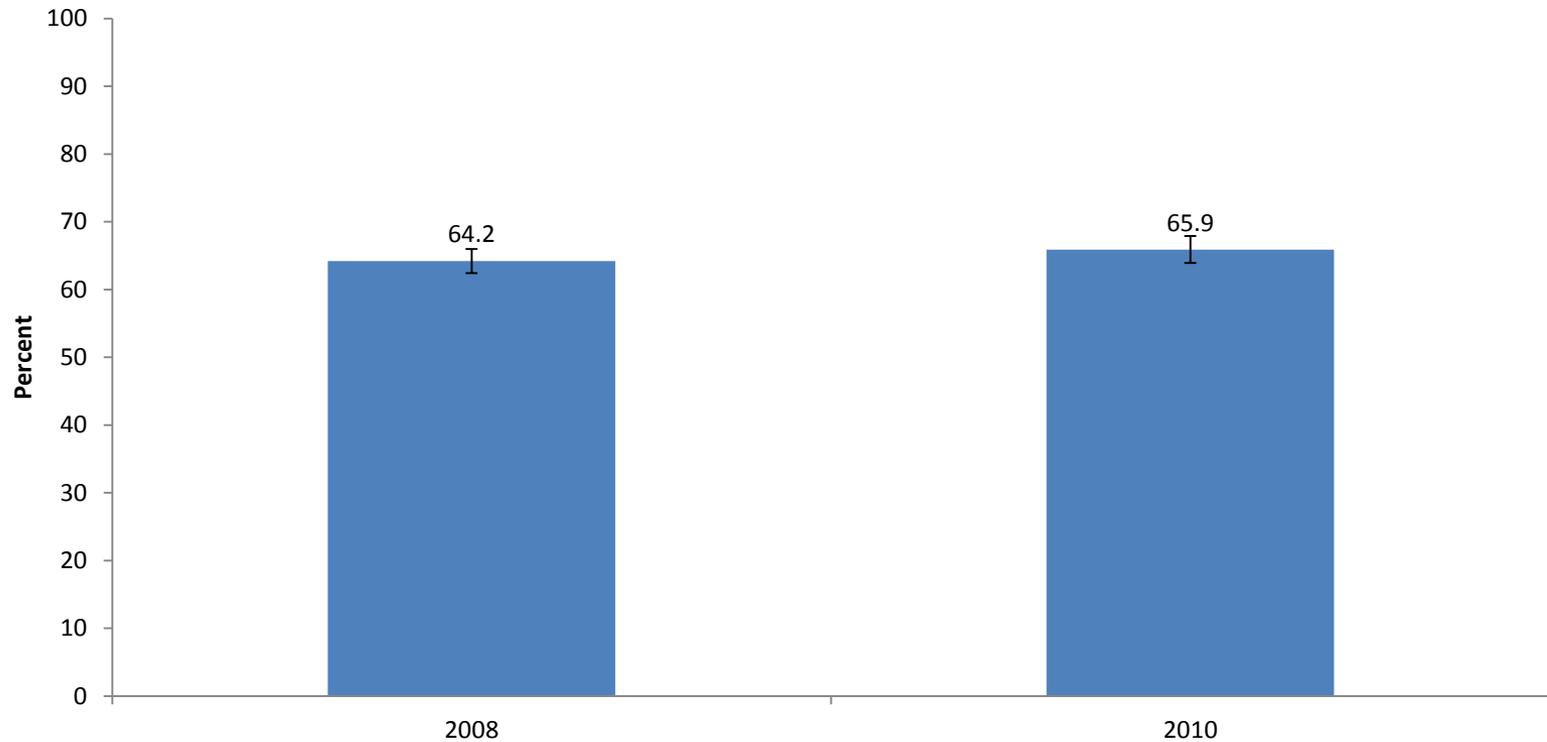
Financial Burden on MT

- Montana spent \$36.7 million on direct health care costs for unbelted patients in 2006
- CDC estimates \$205 million is spent on crash-related death costs in MT annually
(based on 2005 data)

So what works?

- Seat Belt Laws
 - Primary for all
 - Booster seat law
- Graduating Drivers License Laws
- Enforcement
- Education

Percent of adults that report they would support a primary seat belt law, BRFSS, 2008, 2010, Montana



Behavioral Risk Factor Surveillance
Survey (BRFSS)

Survey Year

Take Home Message

- MT's fatality rate is **1.78 times higher** than the US for motor vehicle crashes per 100M VMT.
 - Source: NHTSA 2009 Traffic Safety Facts, Early Edition
- **67%** of all MVC occupant fatalities in MT are unrestrained.
 - Source: MDT Problem Identification, 2010 Data
- **75 lives were saved** in MT by people properly using restraints. **38 more lives would have been saved** if MT's fatalities had all used restraints.
 - Source: NHTSA Traffic Safety Facts, Crash Stats Sheet, 2009 Data (DOT HS 811 383)

Final Considerations

Seat Belts:

- Reduce serious injuries and deaths in crashes by 50%. Air bags provide added protection, but are not a substitute for seat belts in a crash.
- Are used more in states that have primary enforcement laws (88%) than those states that do not have them (79%).