Auto Injuries

Arizona Insurance Council’s Safety Forum
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Before We Begin

• Ever been injured in a motor vehicle crash?
• Ever been in a motor vehicle crash?
• Had a family member or close friend who’s been in a motor vehicle crash?

Who’s most at risk?
What works for prevention?
National Perspective

Figure 1: Fatalities and Fatality Rates per 100 Million VMT From 1961 - 2008

Rate of Unintentional Motor Vehicle Traffic Deaths, Arizona, 2005-2009
Rate of Unintentional Motor Vehicle Traffic Deaths among Motorcyclists, Arizona, 2005-2009

2005: 1.9 (n=112)
2006: 1.9 (n=114)
2007: 1.5 (n=94)
2008: 1.7 (n=109)
2009: 1.5 (n=97)
Rate of Unintentional ATV-Related Deaths, Arizona, 2005-2009

- 2005: 0.48 (n=29)
- 2006: 0.56 (n=34)
- 2007: 0.56 (n=36)
- 2008: 0.54 (n=36)
- 2009: 0.42 (n=27)
2009 Injury Pyramid for Motor Vehicle Traffic-Related Injuries

- 710 Deaths
- 5,273 Inpatient Hospitalizations
- 36,786 Emergency Department Visits
Hospital Charges for Motor Vehicle Traffic Hospitalizations, Arizona, 2005-2009

- 29,415 inpatient hospitalizations
- Median stay = 3 days
- All hospitalizations = 153,759 days
- Median charges = $34,840
  - Average charges = $65,530
- All hospital charges = $1.9 Billion
  - $419.6 Million in 2009
Evidence-Based Prevention

- Primary Seatbelt Law
- Booster Seat Law
- Child Restraint Distribution with education
- Graduated Licensing (GDL)
- Motorcycle Helmets (laws/voluntary)
- Child Bicycle Helmets (laws/voluntary use)
Contact Information

Arizona Department of Health Services
Bureau of Women’s and Children’s Health
Injury Prevention and Child Fatality Review Section

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