Harm Beyond the Wheel
Alcohol-Related Violence and Suicide Attempts in Adolescents

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As required by the Alcohol Policy 18 Conference, I/we have signed a disclosure statement and note the following conflict(s) of interest:

We have no relevant conflicts to disclose.
Alcohol Harm in Adolescents

• 4,300 deaths/yr in U.S. (CDC ARDI)
  – $24 billion in economic costs
  – 189,000 ER visits by individuals < 21 years (SAMHSA 2012)

• Behavioral harms, including:
  – High-risk sex
  – Sexual assault
  – Dangerous driving
  – Problems at home, with friends, at school
Suicide and Violence

• 1,600 alcohol-involve deaths/yr from homicide

• 300 alcohol-involved death/yr from suicide

(Source: Office of the Surgeon General, 2007)
California Data

Leading alcohol-attributable injury deaths for < 21 y/o, California, 2006

- POISONING
- CHILD MALTREATMENT
- SUICIDE
- MOTOR-VEHICLE CRASHES
- HOMICIDE

Source: Stahre & Simon 2010
California Data

Leading alcohol-attributable injury hospitalizations for < 21 y/o, California, 2006

- MOTOR VEHICLE CRASHES
- ASSAULT
- ATTEMPTED SUICIDE
- FALLS
- MACHINERY AND CUT/PIERCES

Source: Stahre & Simon 2010
Compared to Drink Driving

- Suicide & homicide vs. motor vehicle crash deaths
  - National: equivalent
  - California: suicide & homicide may exceed
Racial & Ethnic Disparities

• In California

  – Rate of suicide attempts per 1,000,000 (all ages)
    • Hisp: 31.2
    • White: 45.5
    • Black: 56.9
    • Other: 15.7

  – Note: Asian not reported separately

Source: Stahre & Simon 2010
Racial & Ethnic Disparities

• In California
  – Rate of Assault per 1,000,000 (all ages)
    • Hisp: 62.4
    • White: 45.4
    • Black: 183.0
    • Other: 15.7
  – Note: Asian not reported separately

Source: Stahre & Simon 2010
Racial & Ethnic Disparities

• In California
  – Rate of Suicide per 1,000,000 (all ages)
    • Hisp: 7.5
    • White: 24.0
    • Black: 12.7
    • Asian: 10.8
    • Other: 30.9

Source: Stahre & Simon 2010
Racial & Ethnic Disparities

• In California
  – Rate of Homicide per 1,000,000 (all ages)
    • Hisp: 33.9
    • White: 26.0
    • Black: 146.6
    • Asian: 11.7
    • Other: 46.3

Source: Stahre & Simon 2010
Prevention Campaigns to Address Alcohol & Violence/Suicide
Tailored Messaging

• In teen-targeted messaging, emphasize:
  – violence of critical importance for African American teens
  – suicide critical for White, African American teens

• In caretaker-oriented messaging, emphasize suicide