ALCOHOL-IMPAIRED DRIVING PREVENTION IN IHS

Holly Billie, IHS Injury Prevention Program Manager
Board of Scientific Counselors Meeting
July 17, 2019
Considerations in Indian Country

- 573 federally-recognized tribes
- Sovereign nations
- Multiple jurisdictions
- Data sharing
IHS INJURY PREVENTION PROGRAM

- Indian Health Service, Office of Environmental Health and Engineering, Division of Environmental Health Services, Injury Prevention Program

- Components
  - Training
  - Provide technical assistance to tribes
  - Tribal Injury Prevention Cooperative Agreement Program (TIPCAP)
Alcohol-impaired driving prevention
- Introduction to Injury Prevention Course
- Injury Prevention Fellowship -
  - Projects and studies
    - 2007: Developing a MADD Chapter on Fort Berthold Indian Reservation
    - 2011: Causes of motor vehicle crashes on Navajo Route 12
    - 2013: Causes of MVC on Navajo Route 4
Alcohol-impaired driving prevention

- Injury Prevention Fellowship - projects and studies
  - 2019:
    - Descriptive study of MVCs along Hwy 264 (Hopi)
    - Develop standardized Tribal MVC Crash Report
    - Tribal traffic laws and policies, a quantitative assessment
IHS PROJECT: BILLINGS AREA

- Crow Tribe Motor Vehicle Crash Site Identification Project
- The IHS Provider, June 2012, pages 153-156
- Project led to tribal request for Road Safety Audit
  - Audit includes single-or multiple vehicle involvement, weather conditions, alcohol involvement, occupant restraint use
Tribal projects

- CDC Tribal Motor Vehicle Injury Prevention Program
  - 2010-2015
    - 5 of 8 tribes addressed impaired driving
    - 5 programs implemented sobriety checkpoints
    - 5 programs worked on BAC laws
- IHS Tribal Injury Prevention Cooperative Agreement Program
  - 1997 – present
WHAT IS TIPCAP?

**TIPCAP-funded Tribes** are awarded multi-year funding to develop programs based on evidence-based, public health strategies in injury prevention.

In the last 20 years, TIPCAP has:

- Established 99 dedicated injury prevention positions in AI/AN communities
- Awarded $29 million to tribes and tribal organizations from 1997-2017
- $31 million will be awarded by the end of 2020
• Recent report: 20 Years of TIPCAP
• IHS Injury Prevention Webpage
  • https://www.ihs.gov/injuryprevention/tipcap/
TIPCAP DUI PREVENTION

• Examples
  • 2004 – 2006: Ute Tribe
    • No DUI enforcement checkpoints for decades prior to TIPCAP
    • 340 DUI arrests after program began
    • Number of alcohol-related crashes declined from 32 to 21 during project period
  
  • 2010-2015: Menominee Tribe of Wisconsin
    • Overall injuries from MVCs involving alcohol decreased from 75% to 33%

  • 2016-2020: Northern Cheyenne
    • Teen-focused impaired driving prevention activities
SAN CARLOS APACHE TRIBE

- Reservation east of Phoenix
- 10,000-12,000 residents
- Tribal Police Department
- 12 - 28 fulltime police officers
2004-2009: CDC TMVIPP
2009-2010: Funded by Tribe
2010-2015: IHS TIPCAP
2016-2018: BIA
Program implementation

- Community awareness and outreach
- 390 Task Force
- DUI enforcement checkpoints
- Lower BAC limit
- Incentive program for officers
- Primary occupant protection law
SAN CARLOS APACHE TRIBE

- 2004-2013 Results
  - 3,835 DUI arrests
  - MVC crashes decreased 5%-7% per year
  - Annual percentage change
    - Total MVCs: -6.34
    - Nighttime MVCs: -7.43
    - MVCs with injuries/fatalities: -5.37
    - Nighttime MVCs with injuries/fatalities: -6.89
San Carlos Motor Vehicle Crashes 2002-2010

- All MVCs
- No Injury MVCs
- Nighttime MVCs
- Injury MVCs
- Fatal MVCs
Cost Benefit Study (2001-2008)
- Medical care and productivity losses totaled more than $57 Million
- $1 spent on MVIP saved $9.86 total costs
- Total = $2.7 million saved

FUTURE TIPCAP 2020-2024

• Priority Areas
  • MV Injury Prevention
  • Older Adult Falls

• Impaired driving prevention
  • CDC Best Practices Guide
  • Quality over quantity
    • Focused interventions and activities
    • Evaluation
2019 HOPI TRIBE

- New tribally-funded Traffic Safety Coordinator position
  - Child passenger safety
  - Injury and crash data analysis
  - DUI enforcement checkpoints

- IHS role:
  - Assist with priority identification
  - Position description
  - Data collection and analysis
  - Technical assistance on countermeasure implementation
2019 WHITE MOUNTAIN APACHE TRIBE

• New tribally-funded Safety Coordinator position
  • Child passenger safety
  • DUI planned activities
    • Enhanced enforcement
    • Participate in national DUI campaigns

• IHS role:
  • Data collection and analysis
  • Technical assistance on countermeasure implementation
QUESTIONS
Holly.Billie@ihs.gov