



# ALCOHOL-IMPAIRED DRIVING PREVENTION IN IHS

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# CONSIDERATIONS IN INDIAN COUNTRY

- 573 federally-recognized tribes
- Sovereign nations
- Multiple jurisdictions
- Data sharing

# IHS AREAS



# 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)

# TRAINING

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

# TRAINING

## Alcohol-impaired driving prevention

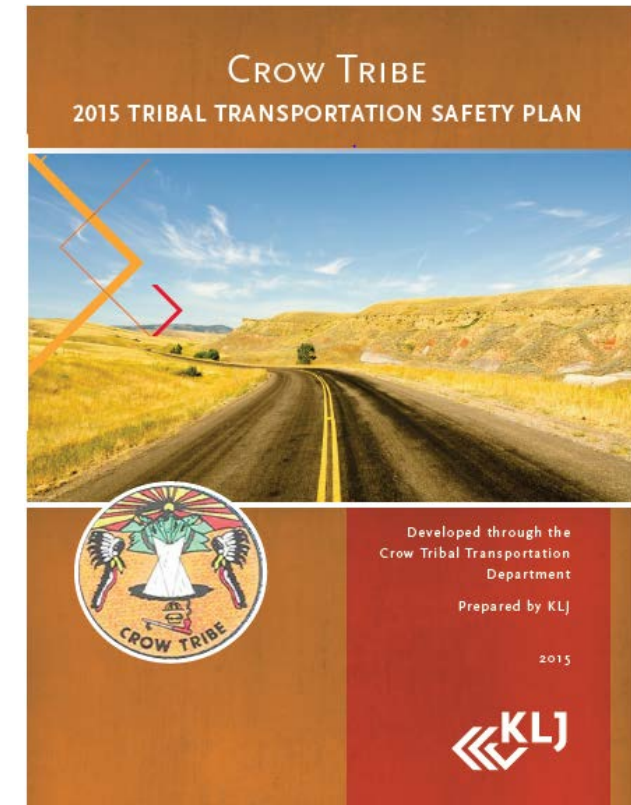
### □ Injury Prevention Fellowship - projects and studies

#### ▪ 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
- <https://www.mdt.mt.gov/visionzero/plans/tribal-plans.shtml>



# TECHNICAL ASSISTANCE

## 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?

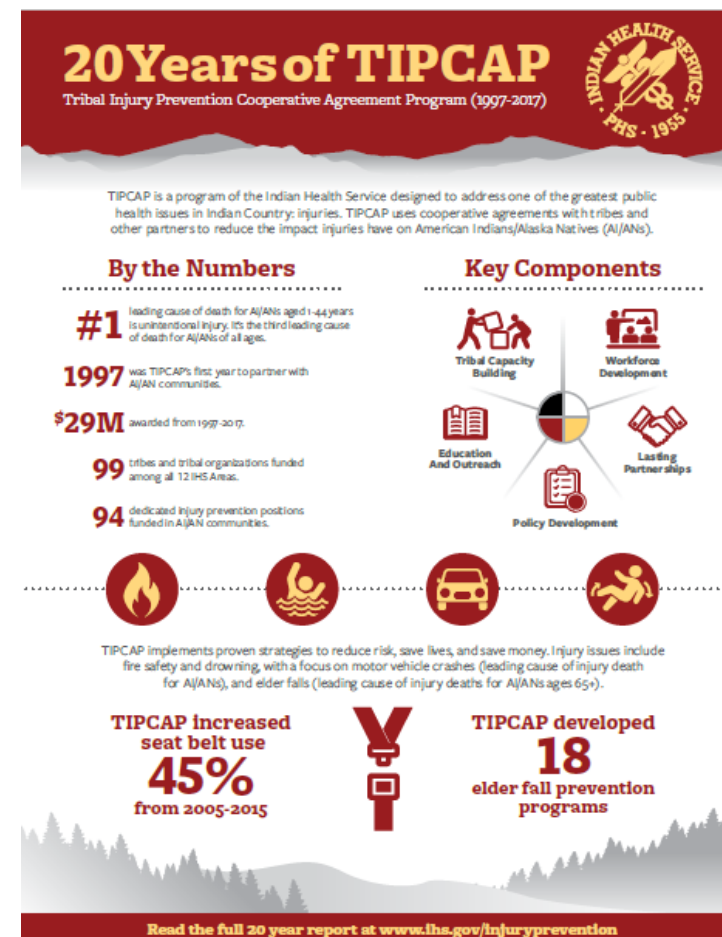
**TIPCAP-funded Tribes** are awarded multi-year funding to develop programs based on evidence-based, public health strategies in injury prevention.

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

# TIPCAP

- 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



# SAN CARLOS APACHE TRIBE

- ❑ 2004-2009: CDC TMVIPP
- ❑ 2009-2010: Funded by Tribe
- ❑ 2010-2015: IHS TIPCAP
- ❑ 2016-2018: BIA



# SAN CARLOS APACHE TRIBE

- Program implementation
  - Community awareness and outreach
  - 390 Task Force
  - DUI enforcement checkpoints
  - Lower BAC limit
  - Incentive program for officers
  - Primary occupant protection law

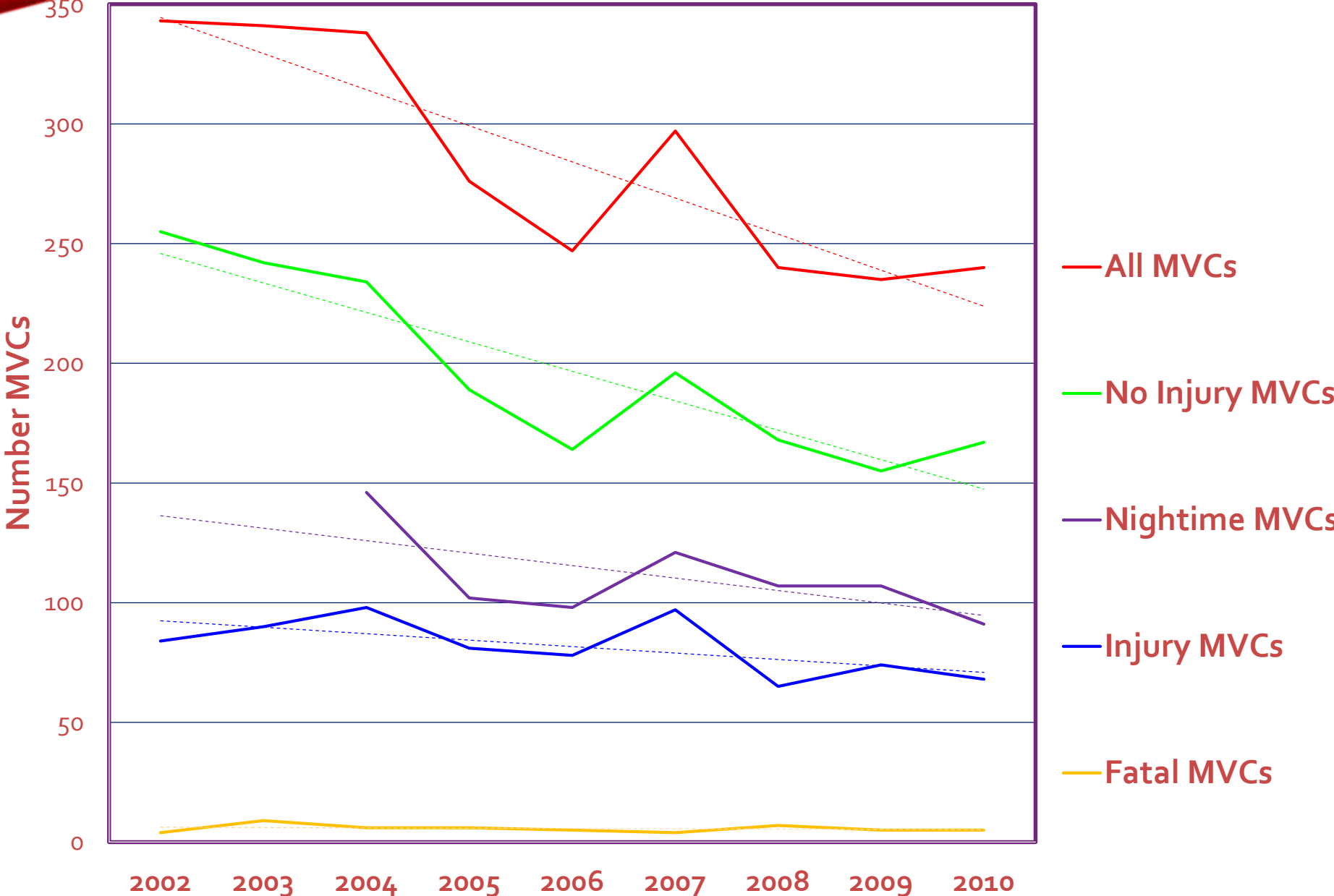


# SAN CARLOS APACHE TRIBE

## □ 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





## SAN CARLOS PROGRAM

- 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

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