

2014 Tribal Transportation Safety Summit



Northern Cheyenne Safety Plan Development
Janis Spear, Tribal Transportation Planning Director
October 14, 2014

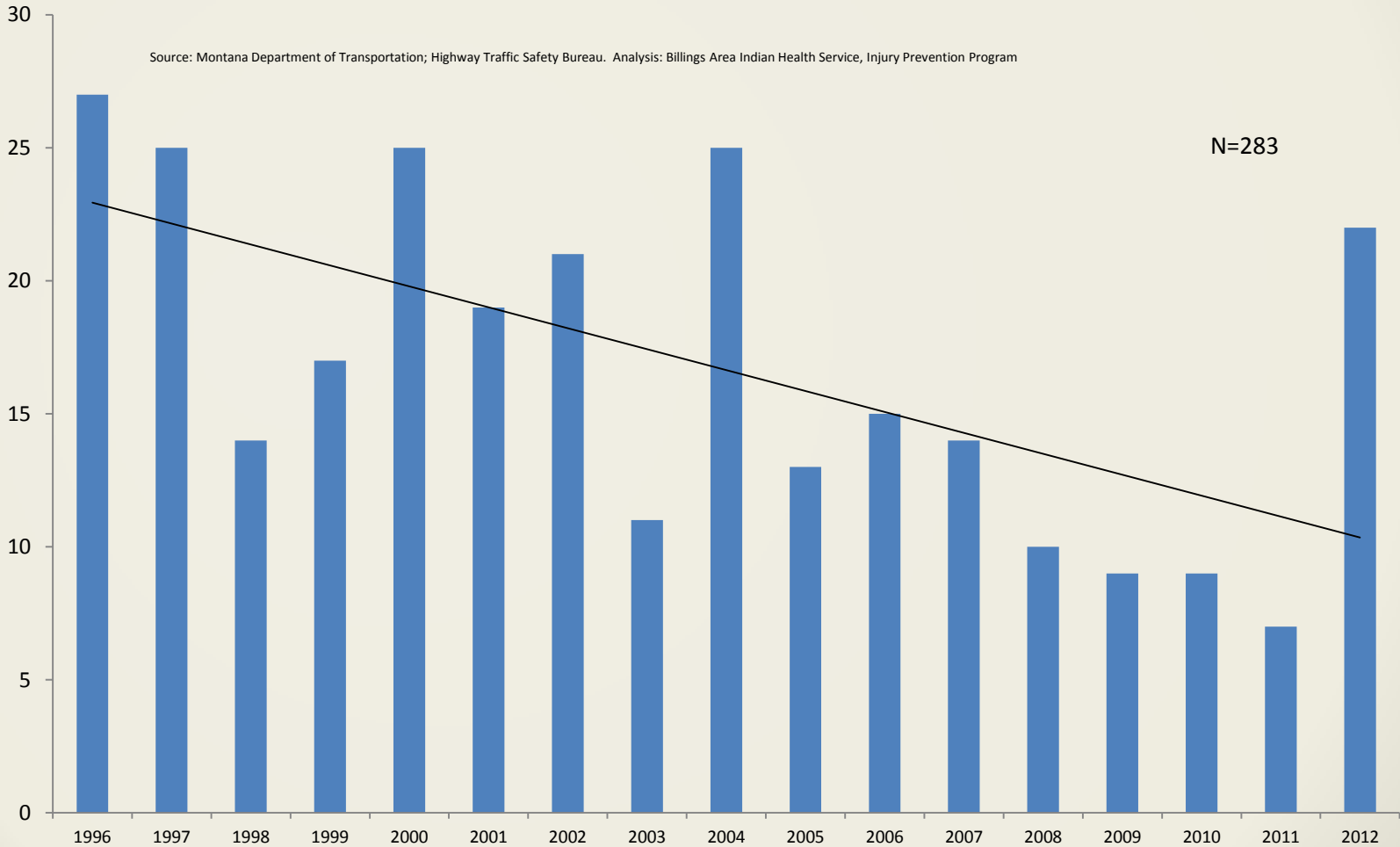
Purpose of Safety Plan

- To reduce deaths and injuries in tribal and other communities, and
- To coordinate and leverage resources to carry out safety strategies.

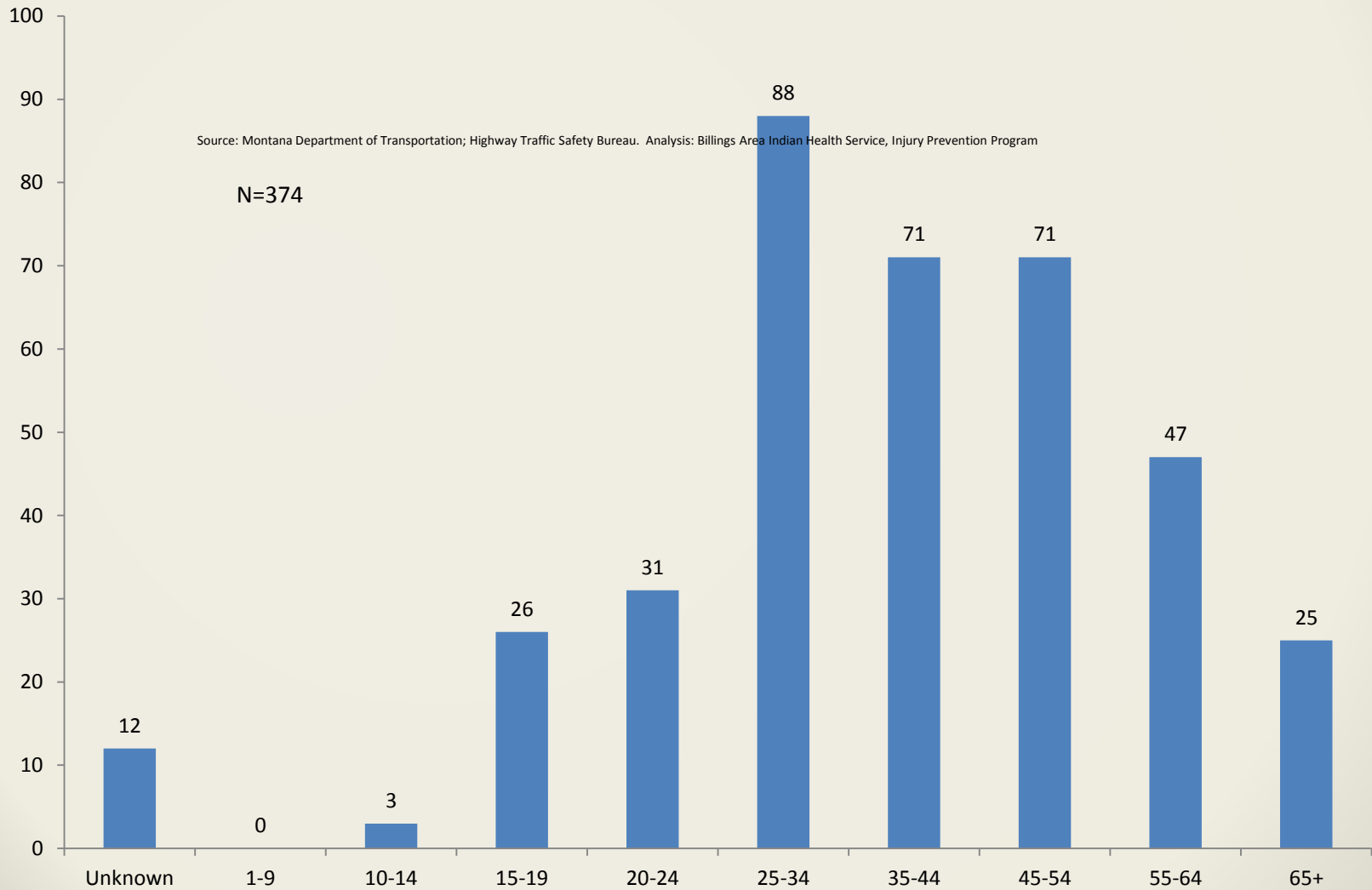
Data Used

- Billings Area Indian Health
- MDT Crash data
 - reported to MHP
 - reported by MHP who are called out to investigate a fatal crash.

Frequency of Motor Vehicle Crashes, by Year, Northern Cheyenne Reservation, 1996-2012

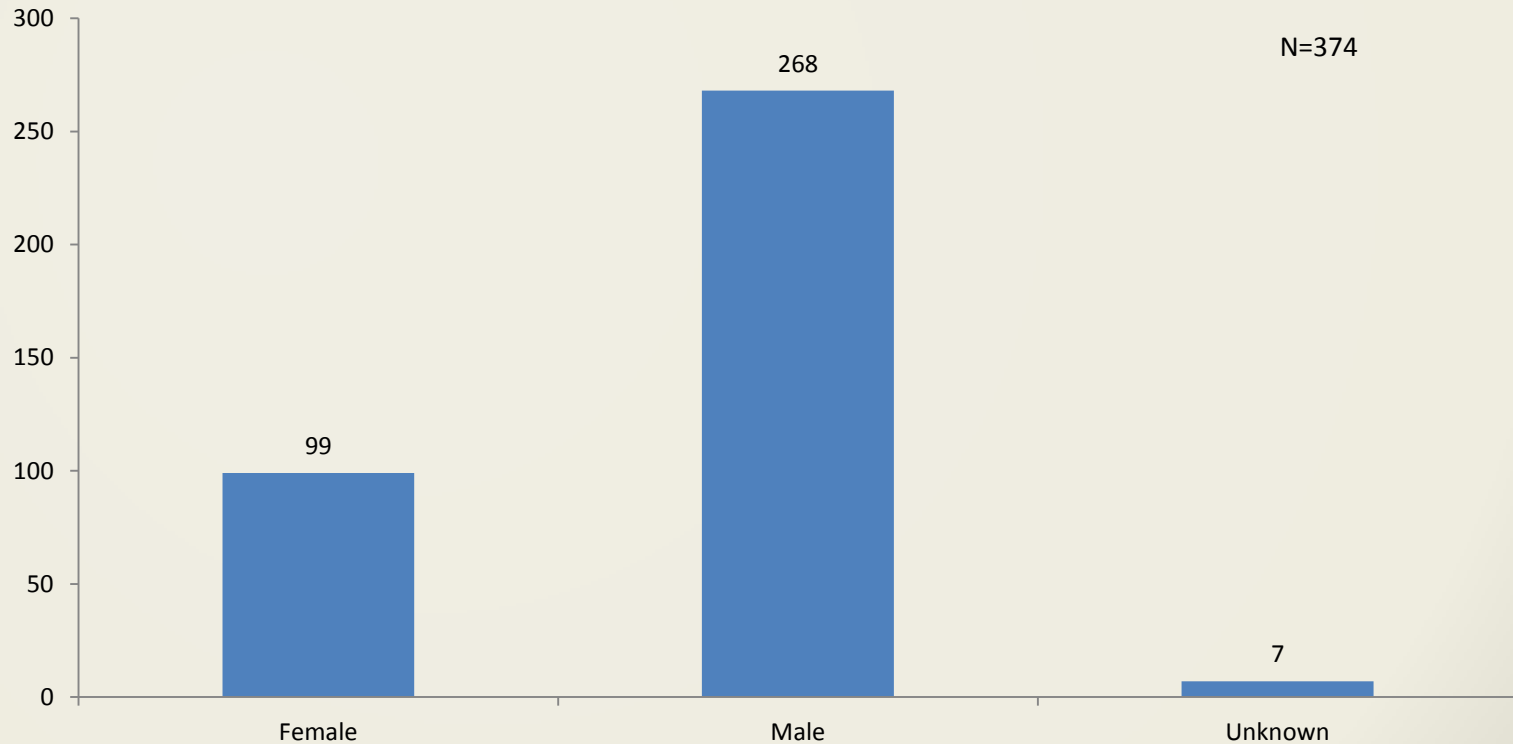


Frequency of Motor Vehicle Crashes, by Driver Age Group, Northern Cheyenne Reservation, 1996-2012

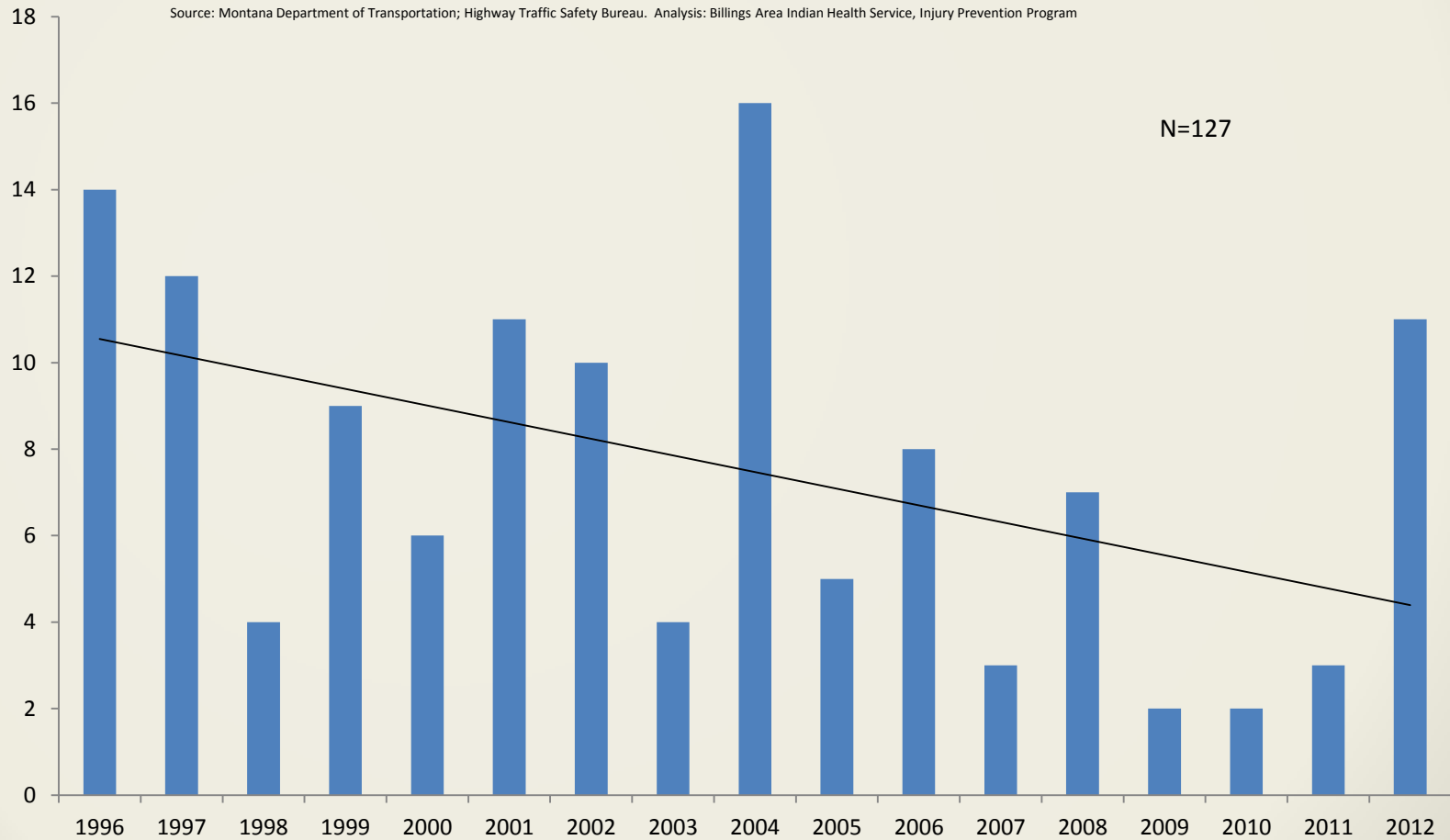


Frequency of Motor Vehicle Crashes, by Gender of Driver, Northern Cheyenne Reservation, 1996-2012

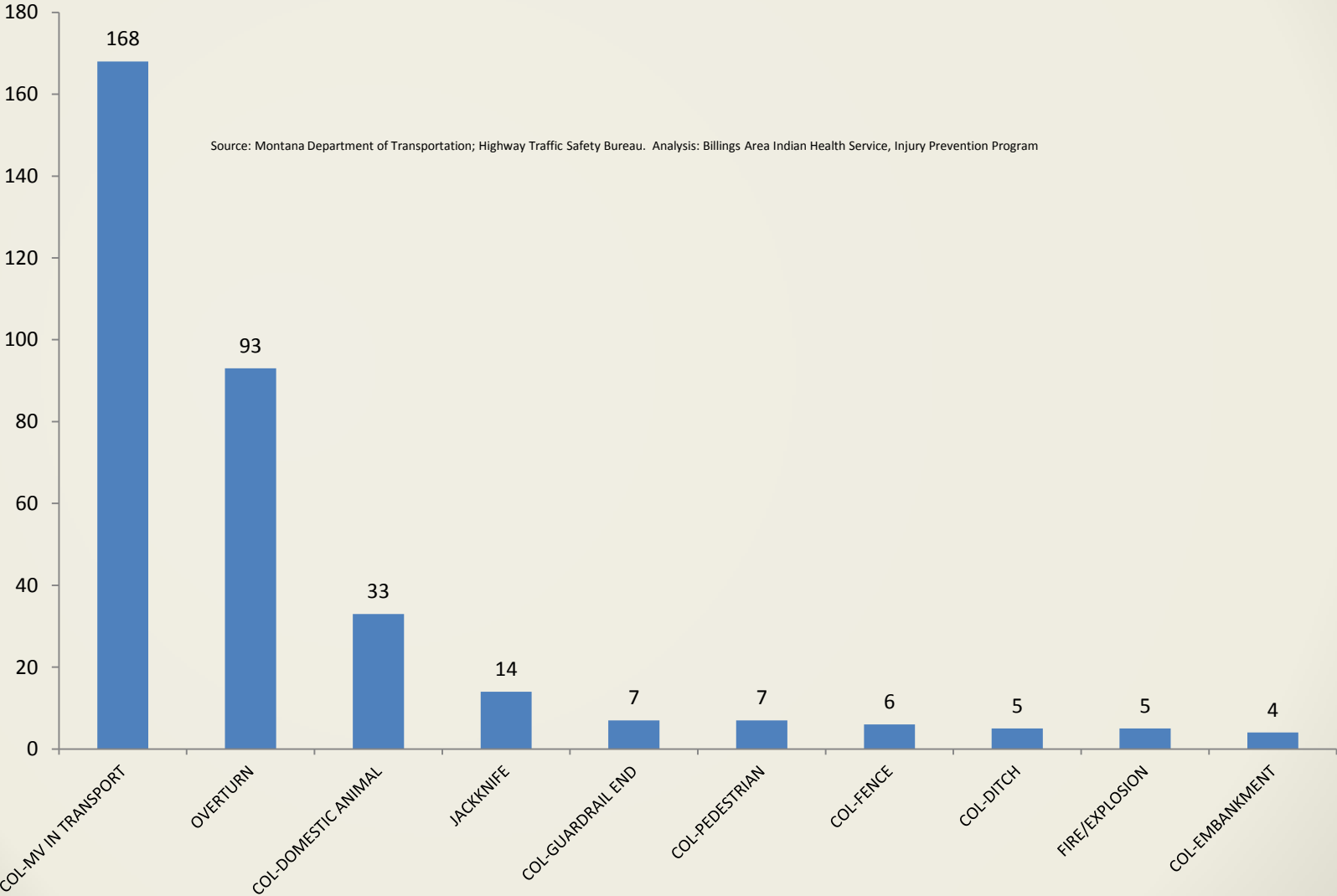
Source: Montana Department of Transportation; Highway Traffic Safety Bureau. Analysis: Billings Area Indian Health Service, Injury Prevention Program



Frequency of Injury-related Motor Vehicle Crashes, by Year, Northern Cheyenne Reservation, 1996-2012



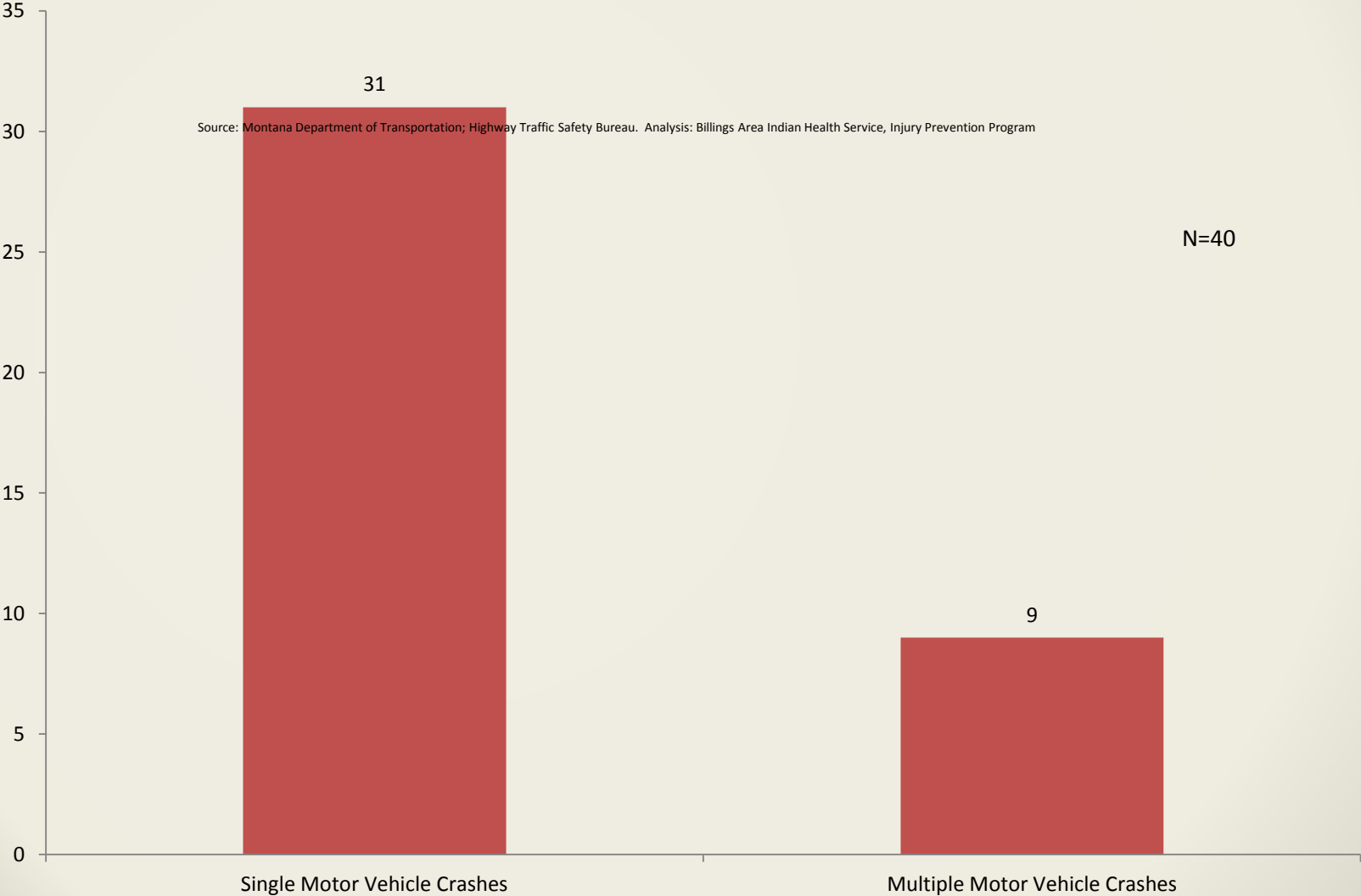
Frequency of Injury-related Motor Vehicle Crashes, by Top 10 Most Harmful Event, Northern Cheyenne Reservation, 1996-2012



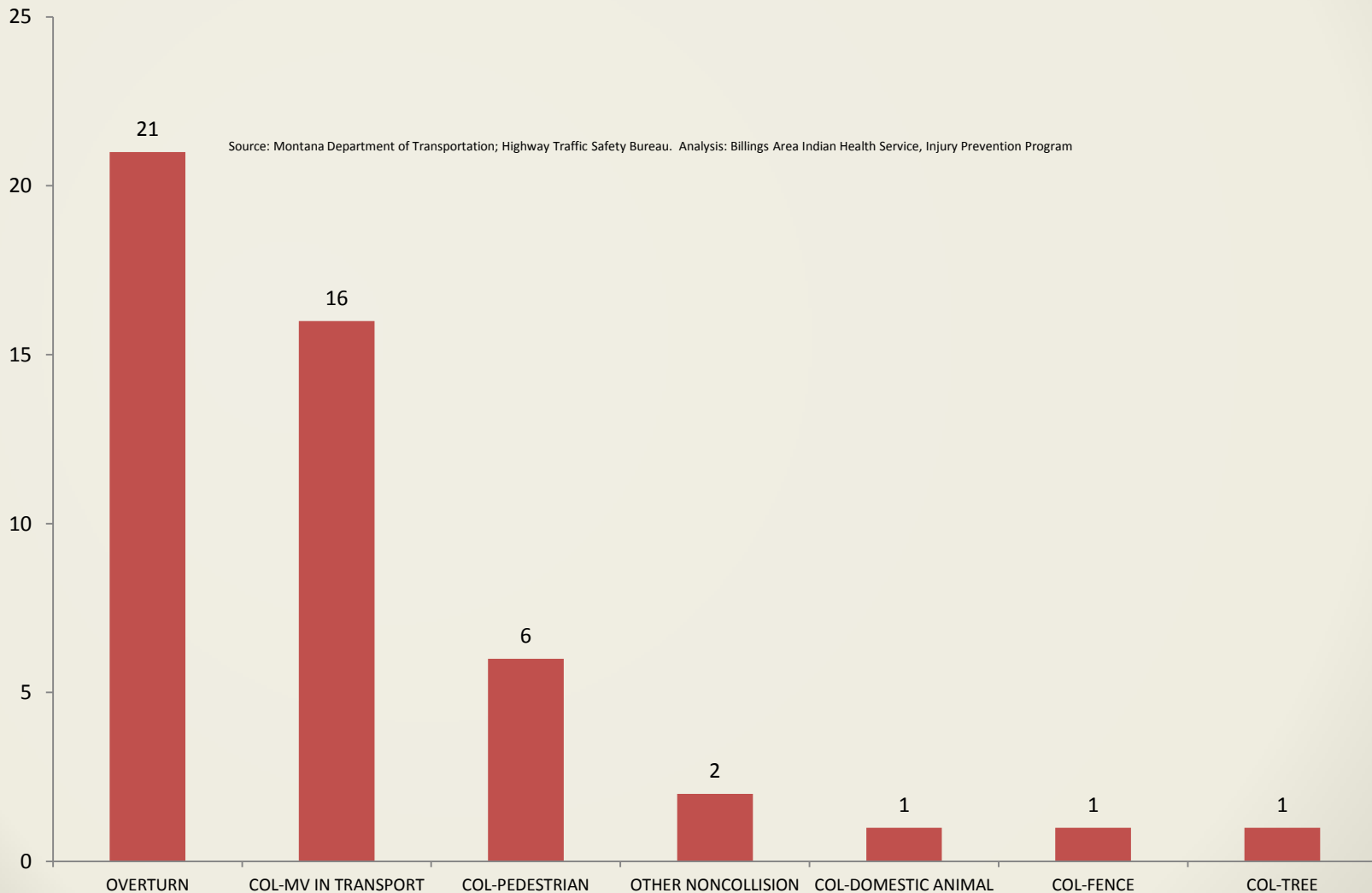
Frequency of Fatality-related Motor Vehicle Crashes, by Year, Northern Cheyenne Reservation, 1996-2012



Frequency of Fatality-related Motor Vehicle Crashes, by Single or Multiple Vehicles, Northern Cheyenne Reservation, 1996-2012



Frequency of Fatality-related Motor Vehicle Crashes, by Most Harmful Event, Northern Cheyenne Reservation, 1996-2012



Existing Safety Programs

- Safe On All Roads program is active in community to educate on seatbelt use and dangers of impaired driving.
- RSA are being conducted on US 212 and BIA routes
- TTP funds continue to be pursued for safety programs including education materials and RSAs.
- Implemented a Primary seat belt on reservation.

Safety Issues Identified

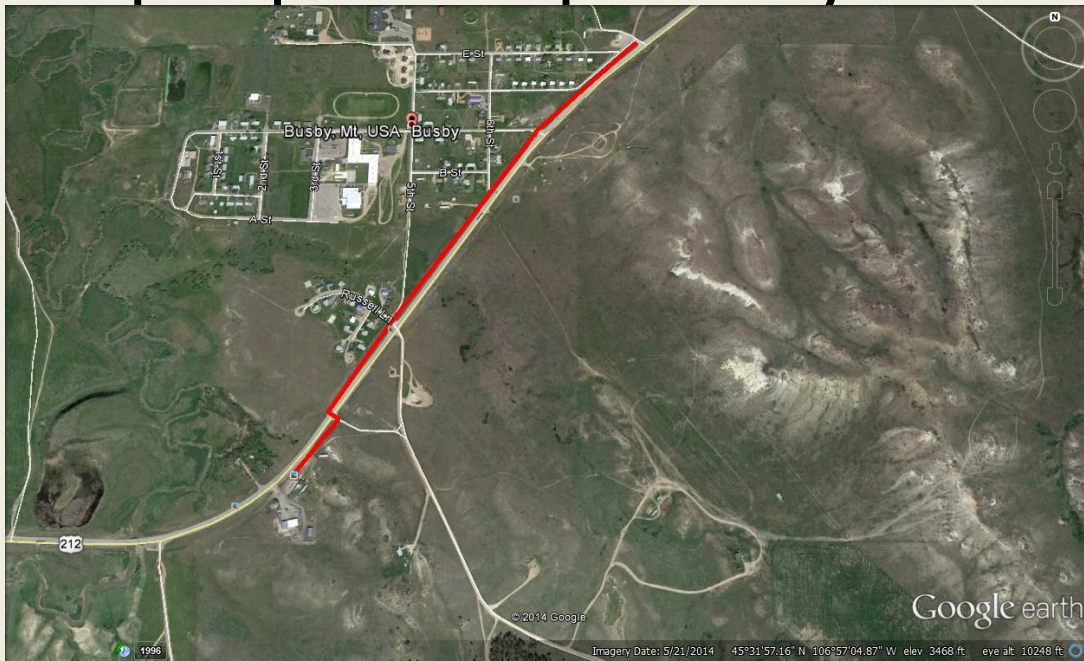
- No Traffic Code
- Overturning vehicles in crashes
- Lack of Traffic Safety Officer
- Trucks!
- Lack of Cell coverage
- School bus stops

Emphasis Areas/ Strategies

- Implement an electronic crash record system
- Develop a traffic code
- Cross jurisdictional agreements
- Develop a livestock ordinance
- Review and sign school bus stops
- Develop a Tribal DUI Task Force
- Hold a mock school bus crash

Emphasis Area/ Strategies

- Continue utilizing RSA on BIA Routes
- Improve curve and intersection with US 212 and BIA 11 at Ashland
- Develop separated pathway in Busby



Questions

- Janis Spear, Northern Cheyenne Transportation, 477-8979, Janis.spear@cheyennenation.com

