



IHS Injury Prevention

Advocacy, Outreach and Results

Injury Prevention Program Overview
Direct Service Tribes Advisory Committee
October 2, 2018



Injuries

- Unintentional injuries
 - Motor vehicle
 - Poisoning – opioids, drugs, alcohol
 - Drowning
 - Burns
 - Falls
- Intentional injuries
 - Suicide
 - Violence-related
 - Homicide
 - Intimate partner



Injury Magnitude

- Unintentional injuries are leading cause of death for ages 1-54 (2012-2016)
- 3rd leading cause of death overall (2012-2016)
- 4th leading cause of hospitalizations for males (2013)
- 7th leading cause of hospitalizations for females (2013)



7 Leading Causes of Death, United States 2012 - 2016, Am Indian/AK Native, Non-Hispanic, Both Sexes

Rank	Age Groups										All Ages
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 325	Unintentional Injury 162	Unintentional Injury 95	Unintentional Injury 74	Unintentional Injury 1,220	Unintentional Injury 1,829	Unintentional Injury 1,629	Unintentional Injury 1,824	Malignant Neoplasms 3,743	Heart Disease 9,758	Heart Disease 15,578
2	SIDS 188	Homicide 49	Malignant Neoplasms 19	Suicide 57	Suicide 710	Suicide 657	Liver Disease 844	Heart Disease 1,787	Heart Disease 2,988	Malignant Neoplasms 9,112	Malignant Neoplasms 15,254
3	Short Gestation 171	Congenital Anomalies 38	Congenital Anomalies 15	Malignant Neoplasms 20	Homicide 246	Liver Disease 382	Heart Disease 690	Malignant Neoplasms 1,661	Unintentional Injury 1,225	Chronic Low. Respiratory Disease 2,906	Unintentional Injury 9,472
4	Unintentional Injury 122	Malignant Neoplasms 16	Homicide 12	Homicide 12	Malignant Neoplasms 66	Homicide 355	Malignant Neoplasms 450	Liver Disease 1,455	Liver Disease 1,196	Diabetes Mellitus 2,755	Diabetes Mellitus 4,885
5	Placenta Cord Membranes 69	Heart Disease 8	Chronic Low. Respiratory Disease 5	Heart Disease 10	Heart Disease 59	Heart Disease 262	Suicide 440	Diabetes Mellitus 618	Diabetes Mellitus 1,157	Cerebro-vascular 2,160	Liver Disease 4,691
6	Maternal Pregnancy Comp. 61	Influenza & Pneumonia 8	Four Tied 2	Congenital Anomalies 6	Congenital Anomalies 31	Malignant Neoplasms 164	Diabetes Mellitus 258	Suicide 355	Chronic Low. Respiratory Disease 702	Alzheimer's Disease 1,378	Chronic Low. Respiratory Disease 3,908
7	Homicide 24	Septicemia 7	Four Tied 2	Influenza & Pneumonia 5	Liver Disease 23	Diabetes Mellitus 80	Homicide 233	Cerebro-vascular 252	Cerebro-vascular 448	Unintentional Injury 1,290	Cerebro-vascular 3,011

Source: Injury Prevention and Control, Centers for Disease Control and Prevention

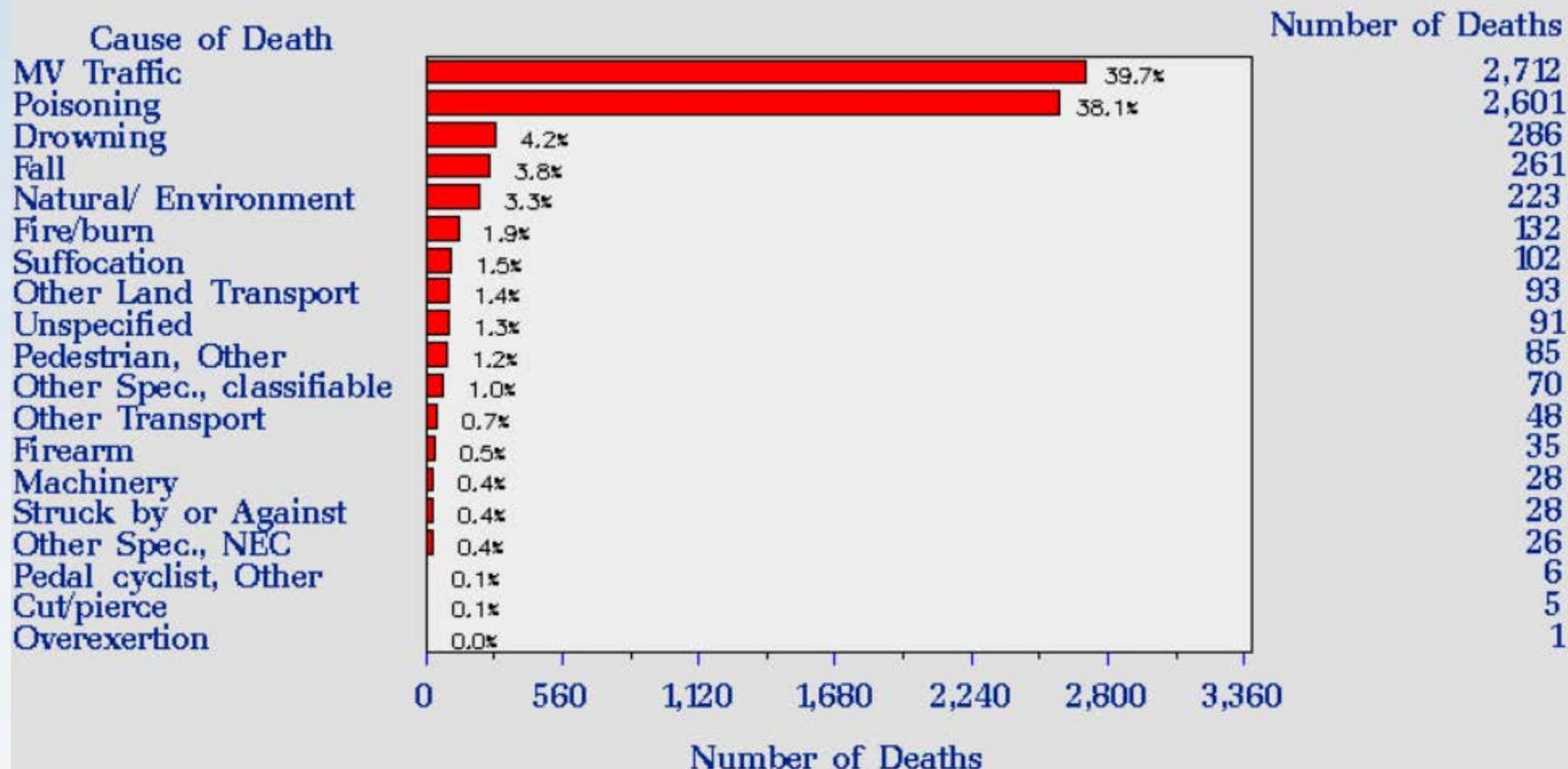


2012 – 2016, United States

Unintentional Injuries

Ages 1–54, Am Indian/AK Native, Non–Hispanic, Both Sexes

Total Deaths: 6,833

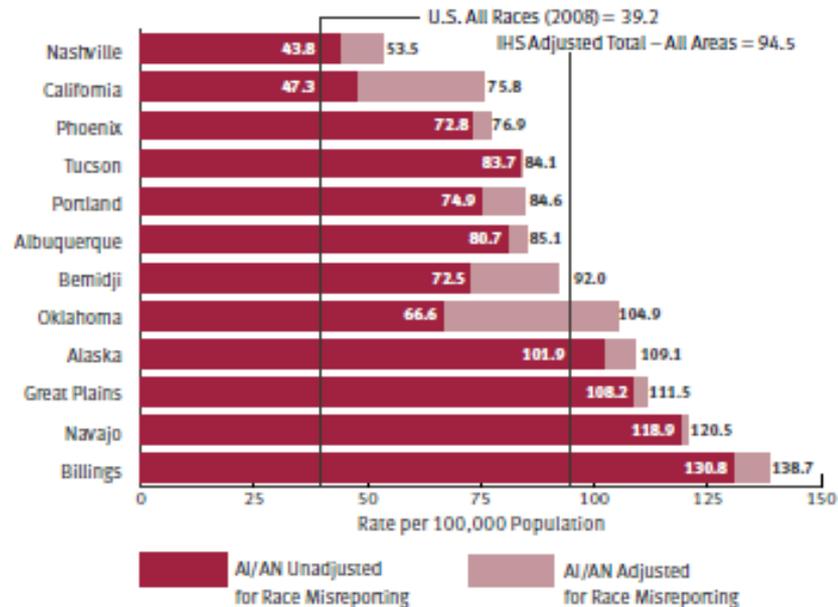


Injury Deaths by Area

The Billings Area has the highest age-adjusted unintentional injury death rate (138.7) among the IHS Areas. This rate is 2.6 times higher than the lowest Area rate (Nashville, 53.5), but approximately 3.5 times the U.S. all races rate (39.2). These AI/AN rates have been adjusted to compensate for misreporting of AI/AN race on state death certificates.

Chart 17.1 Age-Adjusted Unintentional Injury Death Rates by Area

Calendar Years 2007-2009

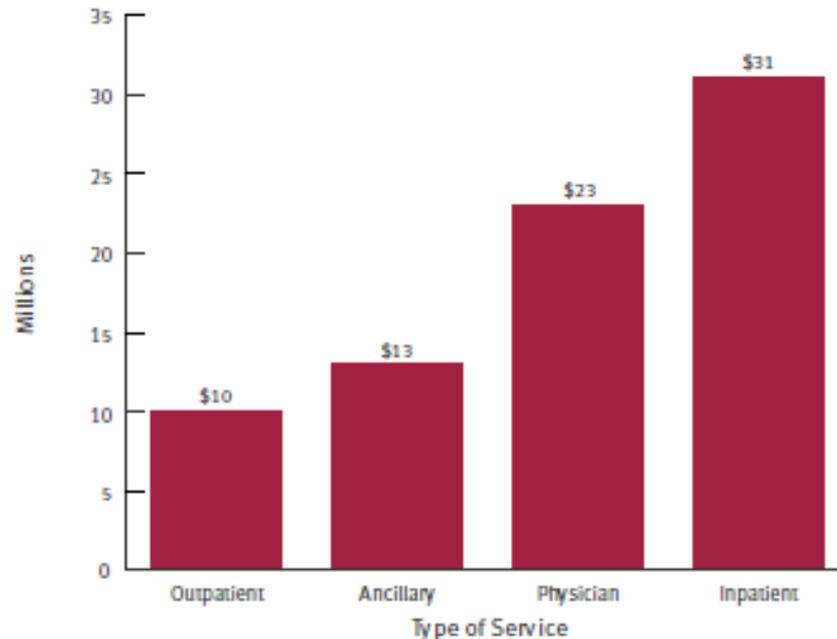


Injury Magnitude - Cost

During FY 2013, the total amount paid for Purchased/Referred Care inpatient cases of injuries and poisonings was \$31 million and for outpatient cases was \$10 million. The amount paid for inpatient claims exceeded outpatient by nearly three times.

Chart 57.2 Purchased/Referred Care Expenses Related to Injuries and Poisonings Paid (Excludes Dental)

Fiscal Year 2013



Injury considerations

- A leading killer of Indian people
- Costs per event are very high
- High years of potential life lost

YET

- Low visibility as public health problem in Indian Country
- Not a priority



IHS IP Program

- Main components:
 - Tribal Injury Prevention Cooperative Agreement Program (TIPCAP)
 - Training – Intro to IP, Intermediate IP, Safe Native American Passengers (SNAP), IP Fellowship
 - Technical Assistance for data collection, training, evaluation, partnerships, marketing, interventions



TIPCAP

- 32 Tribes and tribal orgs funded 2016-2020
- Focus:
 - Motor vehicle injury prevention
 - Seatbelts
 - Car seats
 - Distracted driving
 - Elder fall prevention
 - Home assessments and modifications
 - Exercise
- Next cycle 2021



Training

- **Introduction to Injury Prevention (Level I)** and **Intermediate Injury Prevention (Level II)** introduce core components of the public health approach to preventing injuries.
- In 2012-2017 over 506 people were trained in 32 Levels I & II courses combined.



Injury Prevention

- Increase visibility of injuries as a problem in Indian Country
- Support local efforts
 - Strong laws and enforcement
 - Car seat and other programs



Questions?

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