Fatal and Non-Fatal Injuries for Children in Alaska

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Non-fatal Injuries to Children

From 2001-2006, there were 29,552 non-fatal injury hospitalizations reported to the Alaska State Trauma Registry

- 5,641 (19 %) involved children, ages 0 to 17

Injury Hospitalization Rates (per 10,000)

Children (0-17)	Adults (age 18 and above)
48.5	86.9

Data Source: State of Alaska Trauma Registry

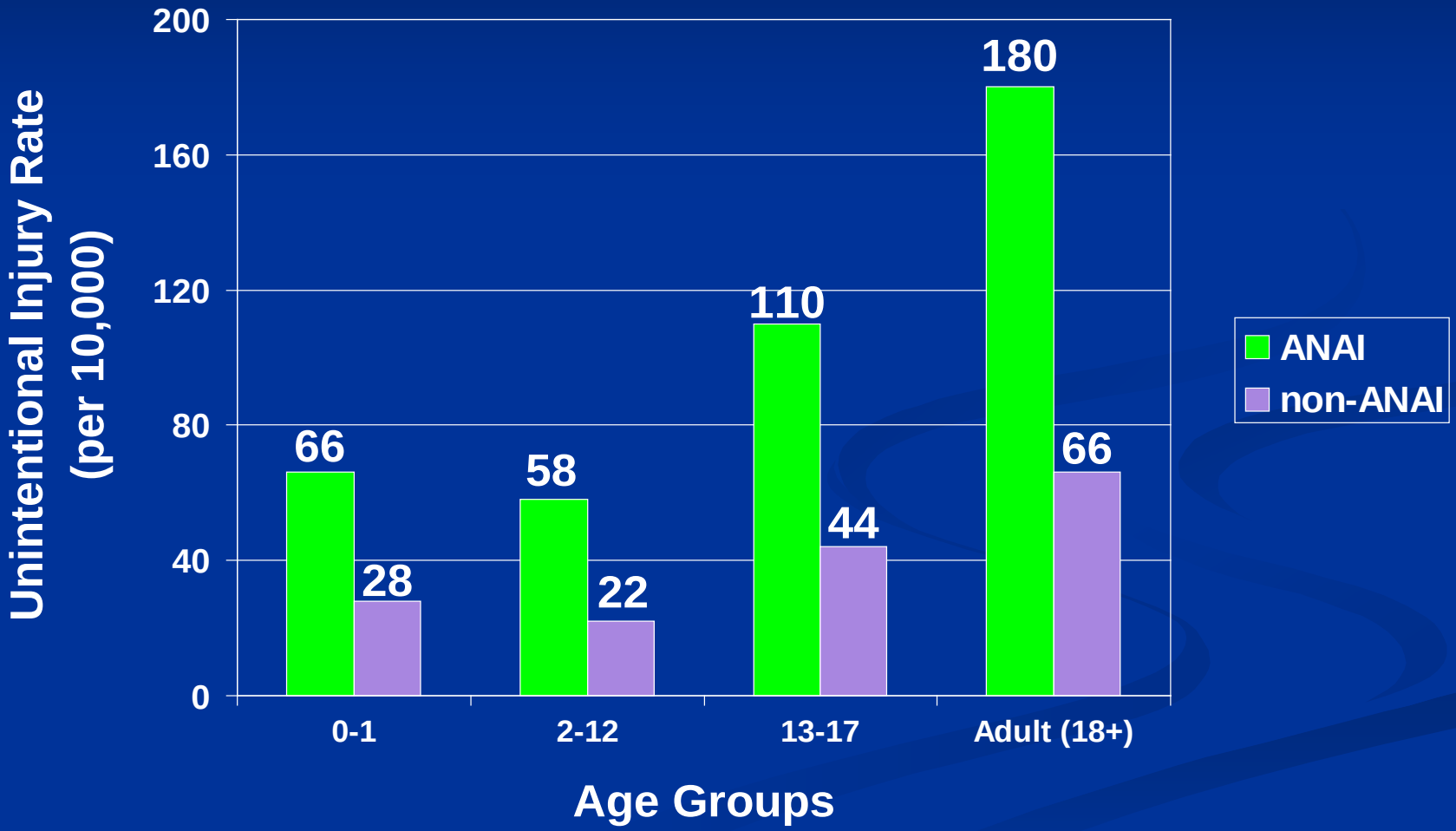
Non-fatal Injury Rates by Intent

Of the injuries to children, 84% (N=4,746) were unintentional

INTENT	Age 0-1	Age 2-12	Age 13-17	Adult (Age 18+)
INTENTIONAL (rate per 10,000)	4.3	0.8	23	19
UNINTENTIONAL (rate per 10,000)	39	31	61	68

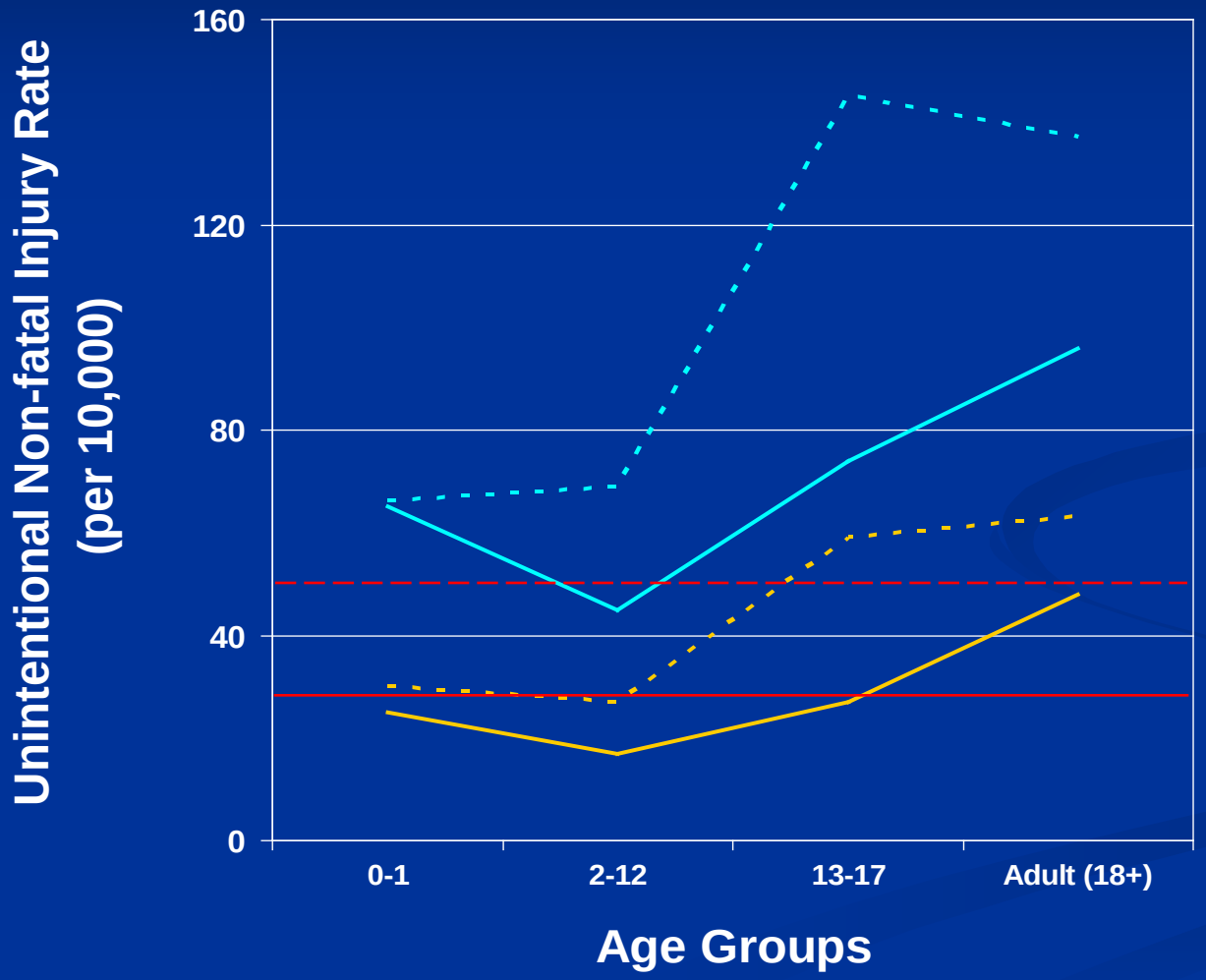
Data Source: State of Alaska Trauma Registry

Unintentional Non-fatal Injuries by Age Groups and Race, 2001-6



Data Source: State of Alaska Trauma Registry

Unintentional Non-fatal Injuries by Age Groups, Race, and Gender 2001-6



Rates for all children

Male: 49 per 10,000

Female: 28 per 10,000

- AN/AI Female
- AN/AI Male
- Non-native Female
- Non-native Male

Data Source: State of Alaska Trauma Registry

Comparing Regional Unintentional Injury Hospitalizations, 2001-2006

- Highest regional rates for children (compared to state-wide rate of 41 per 10,000):
  - Norton Sound (98), Northwest Arctic (88), Arctic Slope (82)
- Lowest regional rates for children:
  - Aleutian/Pribiloff Islands (26), Anchorage/Matsu (32)
- Regions where the rate for children was just over half that of adults:
  - Bristol Bay, Interior
- Only one region where the injury rate for children was higher than that of adults:
  - Southeast: Children (71), Adults (66)

Data Source: State of Alaska Trauma Registry

Fatal Injuries to Alaskan Children

From 2001-2008, there were 29,552 injury deaths reported to Alaska State Vital Statistics

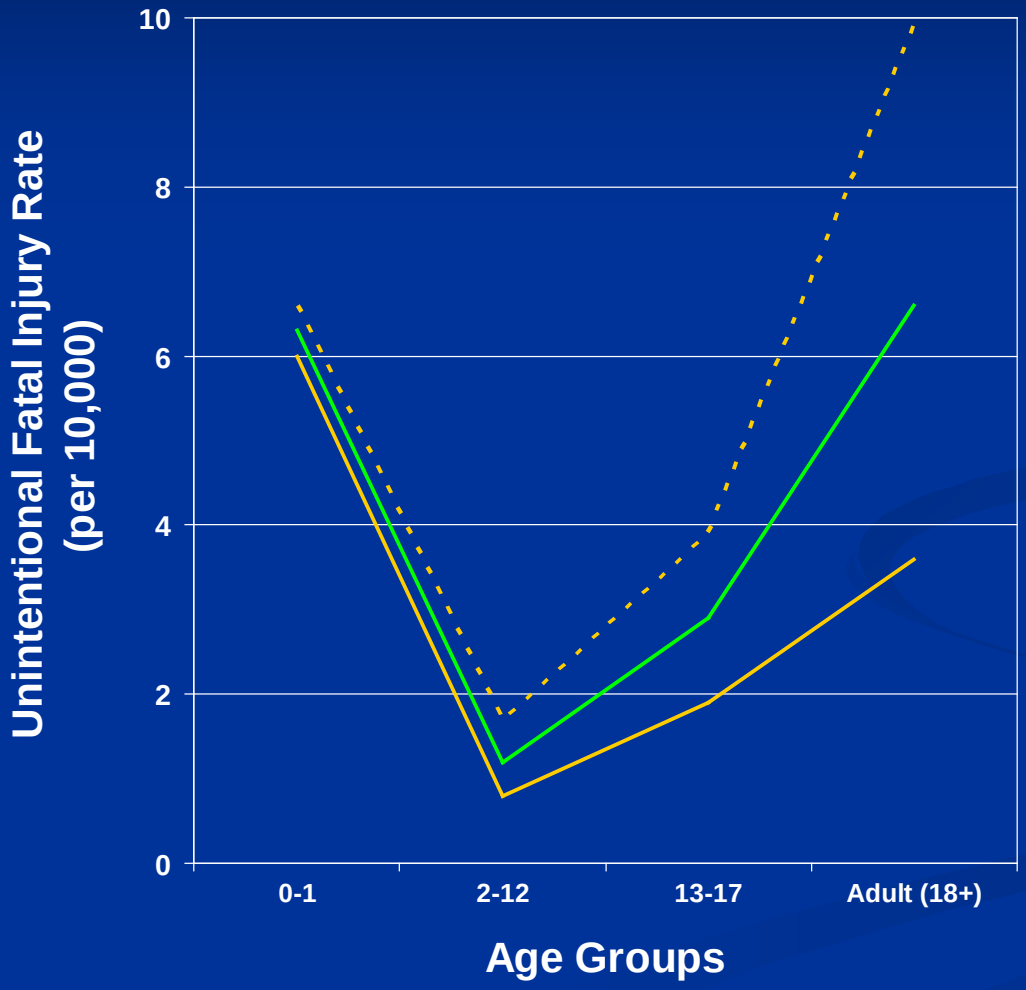
- 5,641 (19 %) involved children, ages 0 to 17

Injury Hospitalization Rates (per 10,000)

Children (0-17)	Adults (age 18 and above)
48.5	86.9

Data Source: State of Alaska Trauma Registry

Unintentional Fatal Injuries by Age Groups and Gender 2001-8



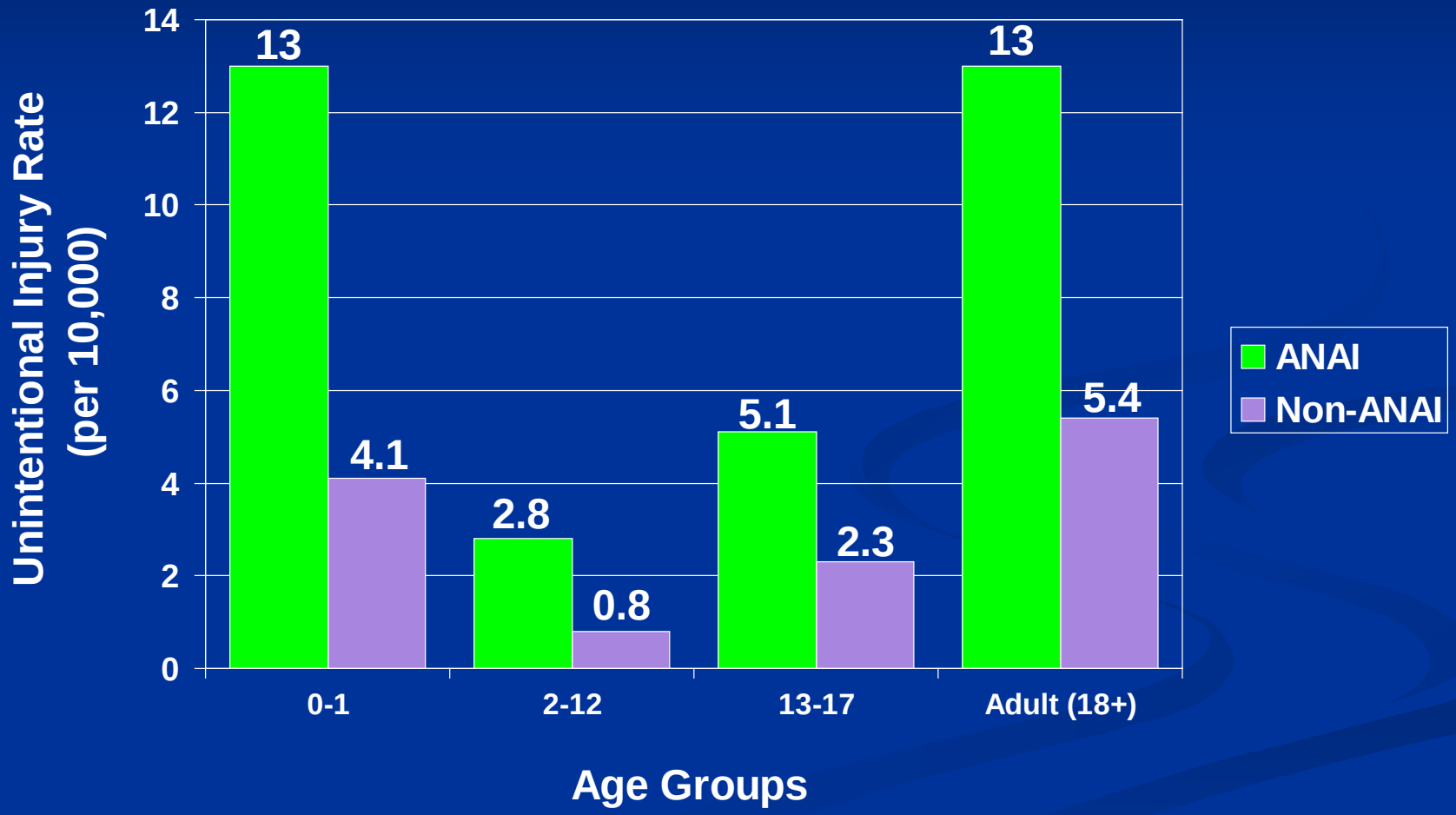
Rates for all children

Male: 7.8 per 10,000

Female: 3.0 per 10,000

Data Source: State of Alaska Vital Statistics

Unintentional Fatal Injuries by Age Groups and Race, 2001-8



Data Source: State of Alaska Vital Statistics

Predominant Non-fatal Injuries

Age 0-1	Age 2-12	Age 13-17
Falls (29%)	Falls (32%)	Suicidal (23%)
Poisoning (14%)	Bicycle (7.6%)	Falls (14%)
Hot substance burn (11%)	Fall from playground equipment (6.4%)	Motor vehicle traffic Occupant (12%)
Assault (9.6%)	Motor vehicle traffic Occupant (5.8%)	All-terrain vehicle (8.1%)
Swallowing foreign object (7.9%)	All-terrain vehicle (5.5%)	Sports (7.5%)

Data Source: State of Alaska Trauma Registry

Predominant Fatal Injuries

Age 0-1	Age 2-12	Age 13-17
Accidental suffocation and strangulation in bed (39%)	Motor vehicle accidents (24%)	Intentional self-harm (suicide) (33%)
Assault (homicide) and their sequelae (14%)	Accidental drowning and submersion (19%)	Motor vehicle accidents (30%)
Unspecified threat to breathing (10%)	Accidental exposure to smoke, fire and flames (9.4%)	Assault (homicide) and their sequelae (11%)
Accidental drowning and submersion (5.8%)	Assault (homicide) and their sequelae (7.9%)	Accidental drowning and submersion (5.1%)

Data Source: State of Alaska Vital Statistics

Snowmachine, ATV, and Motorcycle Safety

Bike Safety

ANTHC Injury Prevention Contacts

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Questions?…