



ALASKA NATIVE
TRIBAL HEALTH
CONSORTIUM

ATV Safety Toolkit



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**Bristol Bay Area
Health Corporation**



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OUR VISION:

Alaska Native people are the healthiest people in the world.

Learning Objectives

- Understand brain injury in Alaska
- Identify ATV Safety resources
- Describe community based ATV Safety activities

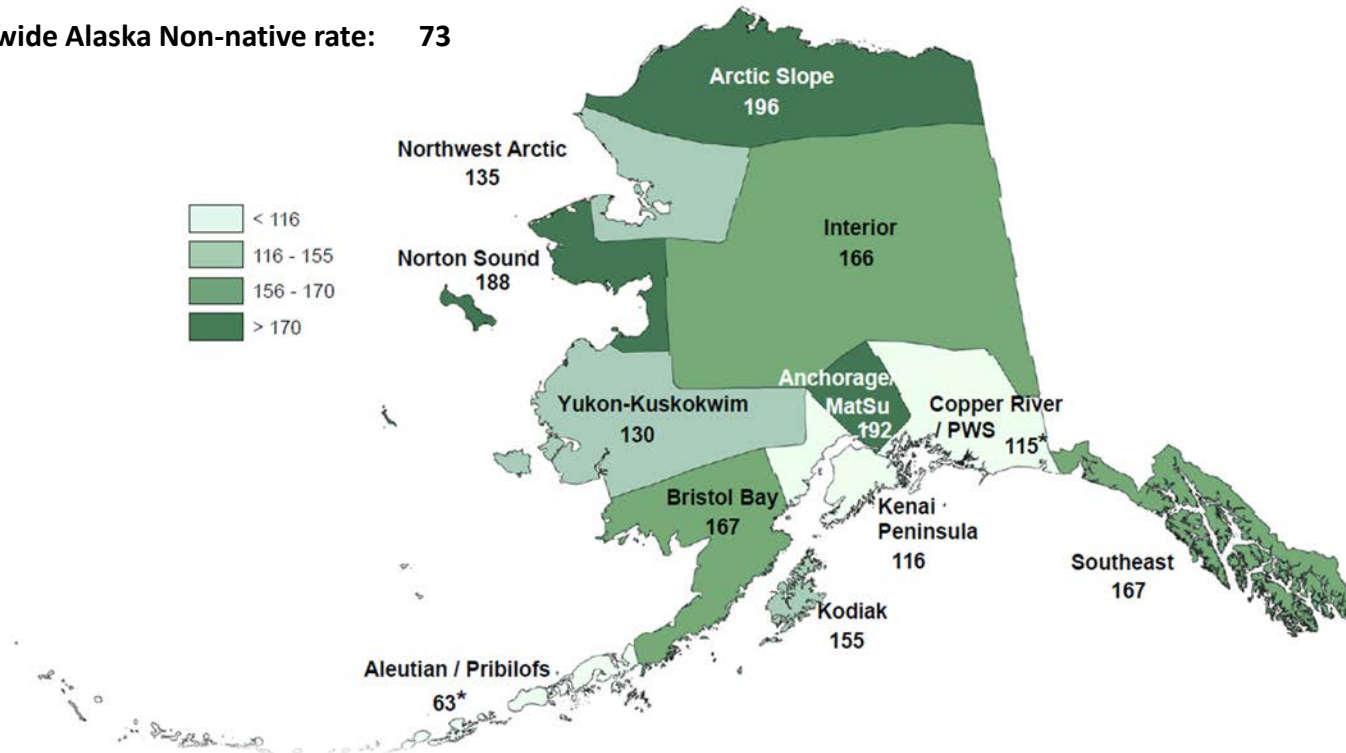


Brain Injury as a Public Health Issue

Rate of Non-fatal TBI by Region Alaska Native People, 2012-2016 (Unadjusted Rates per 100,000)

Statewide Alaska Native rate: 163

Statewide Alaska Non-native rate: 73



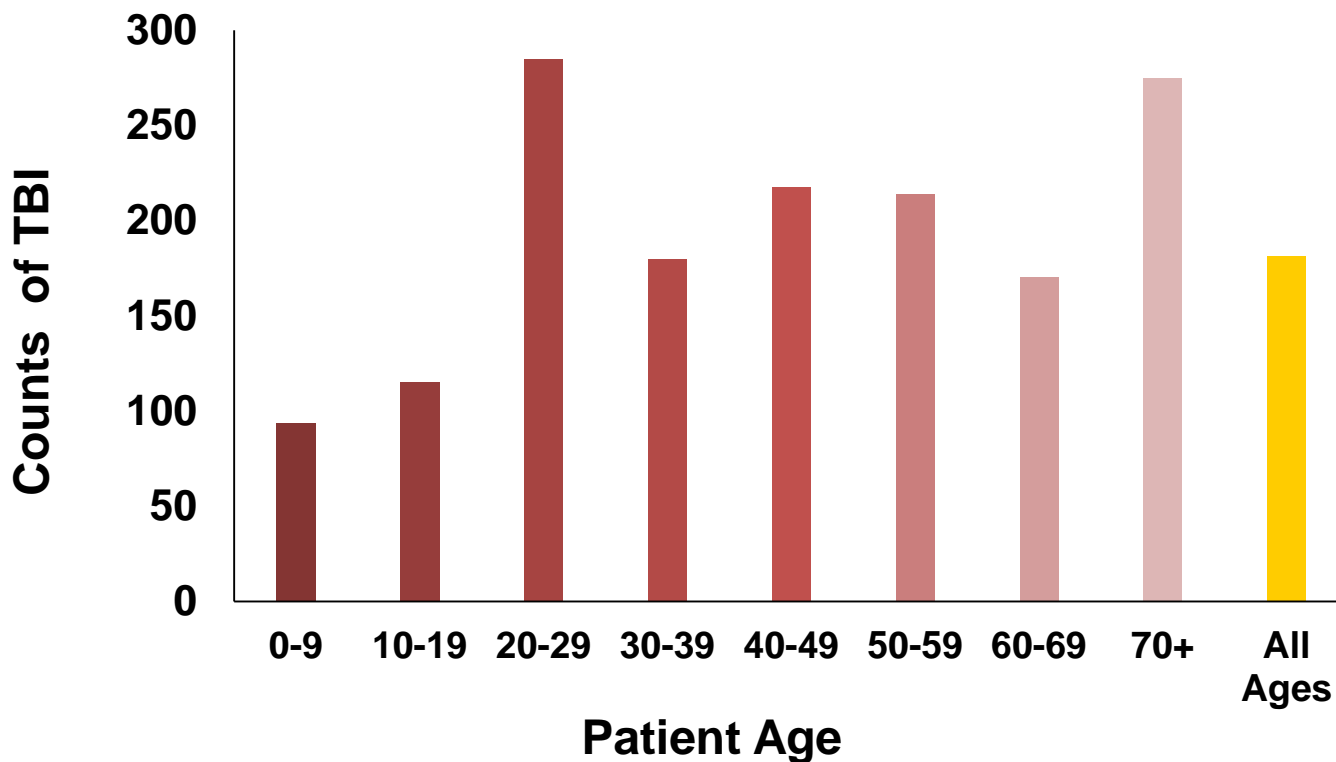
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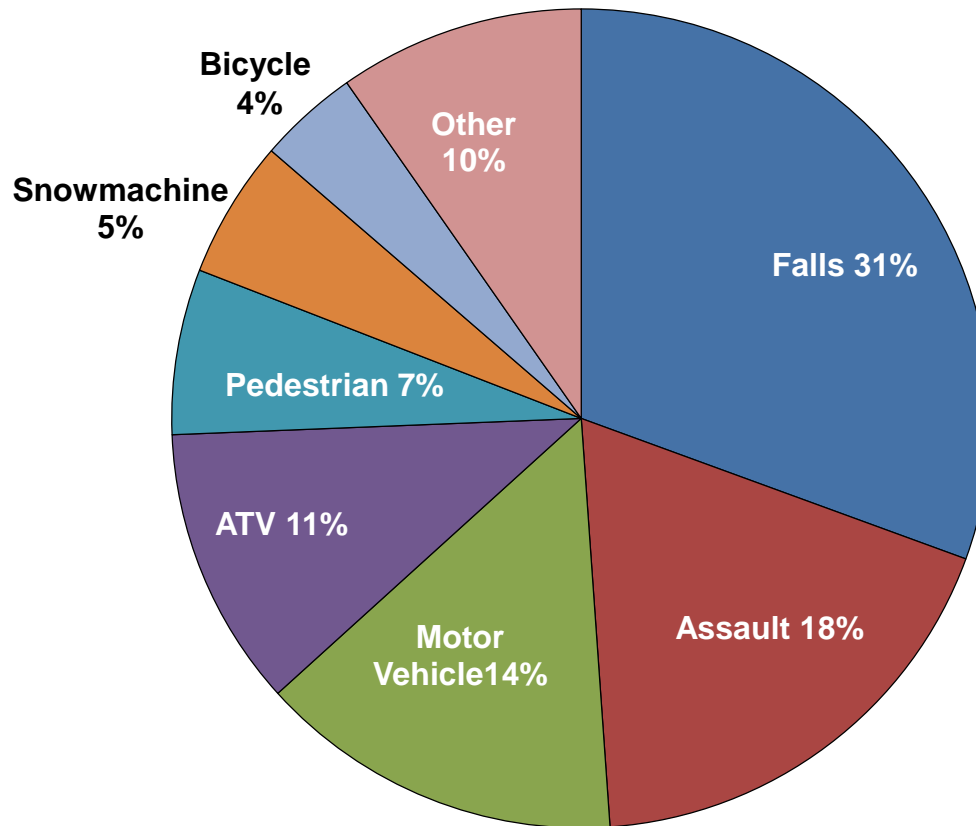
Brain Injury as a Public Health Issue

Non-fatal TBI Hospitalization Frequency by Patient Age
Alaska Native People, 2012-2016



Brain Injury as a Public Health Issue

Non-fatal TBI Hospitalizations by Cause Alaska Native People, 2012-2016



The Injury Prevention Program



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Tribal Injury Prevention Activities



Community-based ATV Activities

ALL-TERRAIN VEHICLE SAFETY COURSE



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Community-based ATV Activities

RESTRAINING FORCES

To stop a crash, you can calculate how much restraint you need to keep you from flying off the vehicle.

Crash forces: Weight X Speed = Restraining Force

Estimate the restraining forces necessary for your body weight when traveling at 10 mph.

_____ X _____ = _____

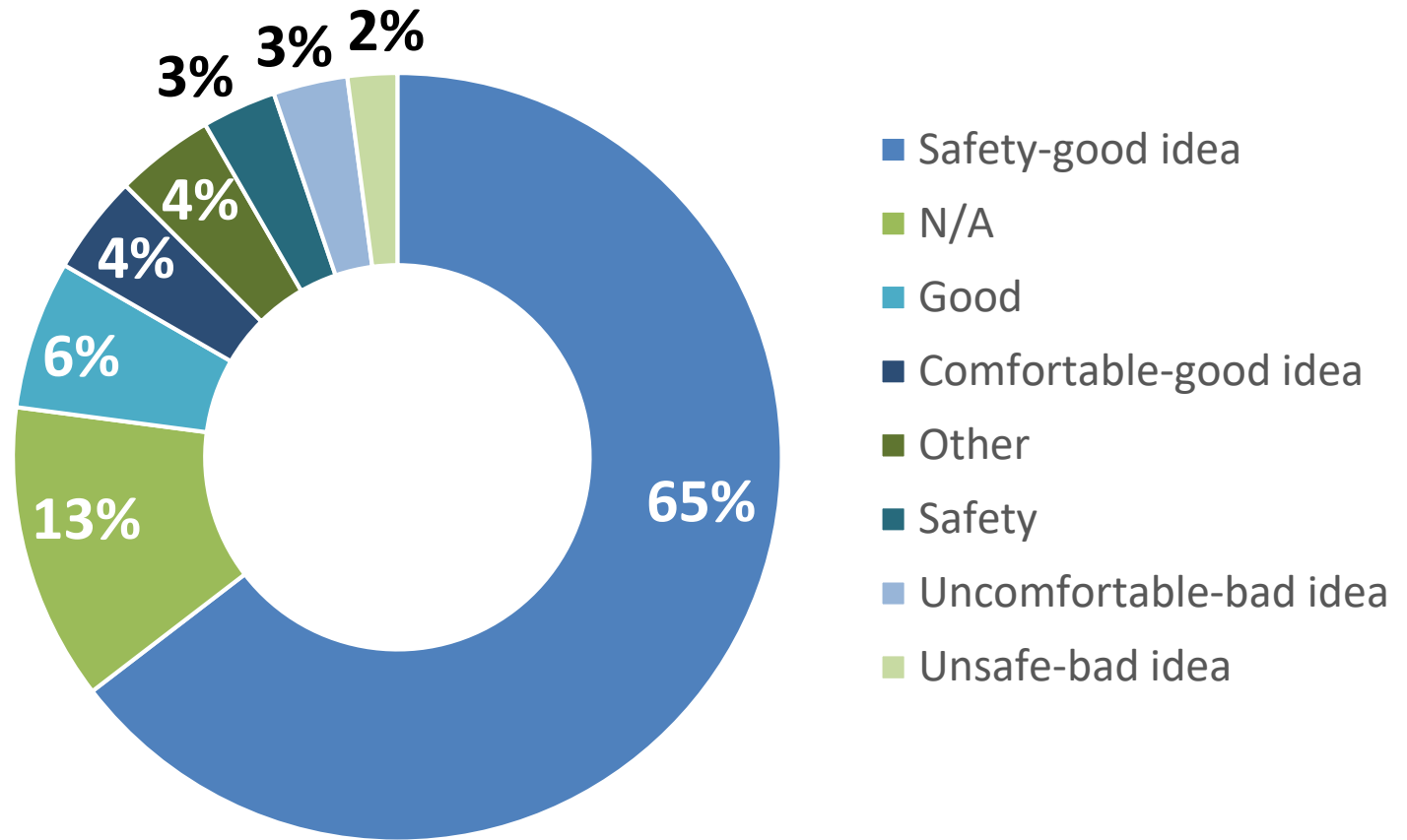
The faster you go, or the bigger you are, the higher the needed restraining force.

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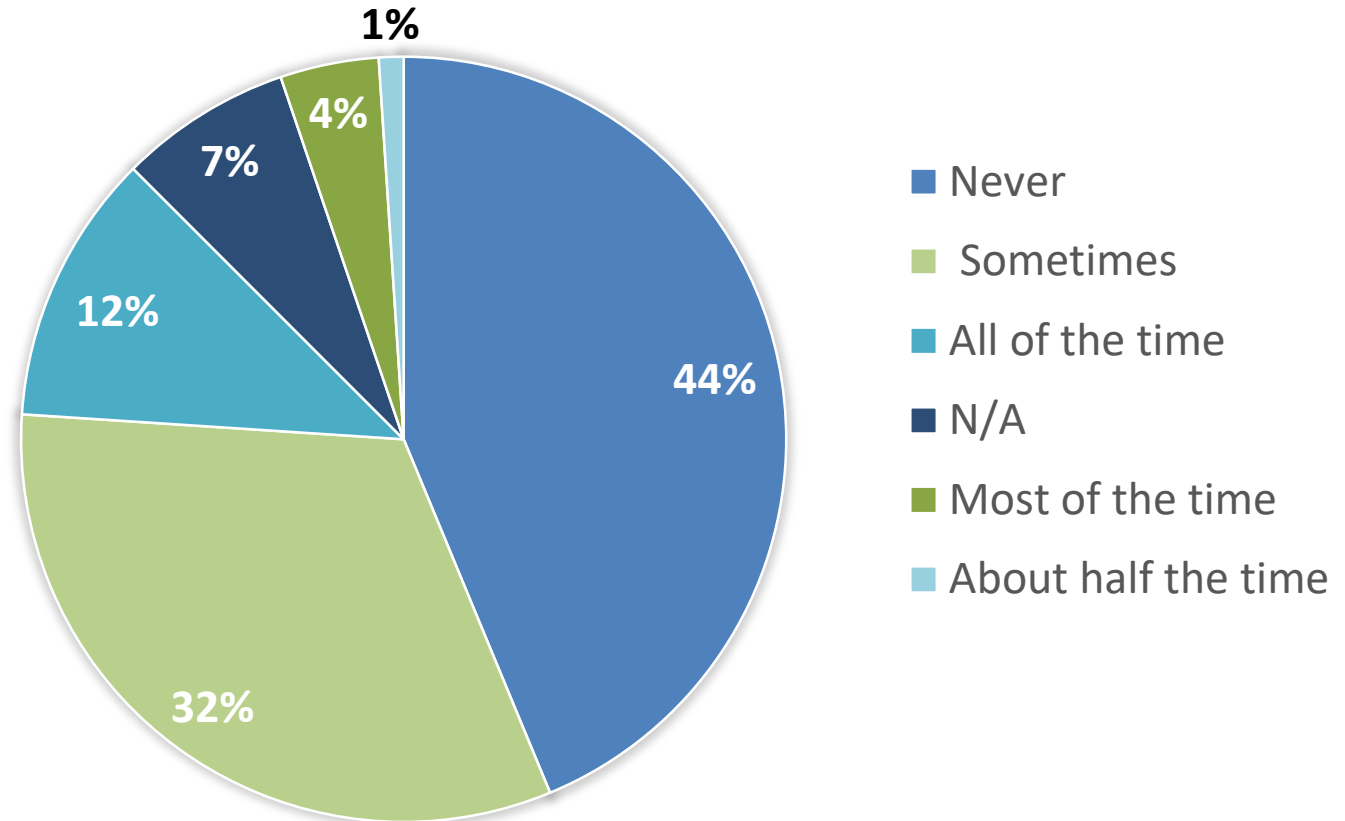
Post Survey Results

Is wearing a helmet a good or bad idea?



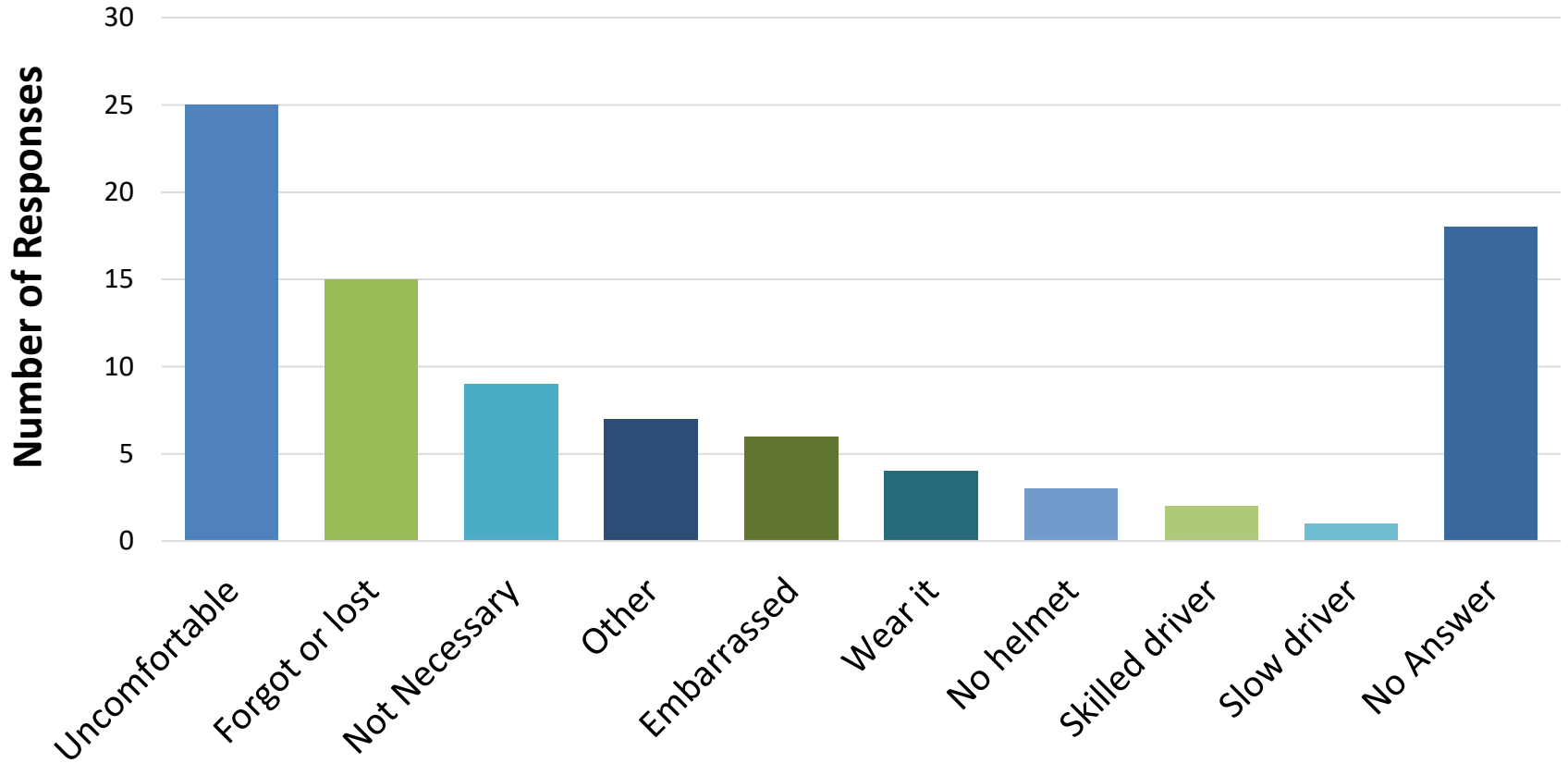
Post Survey Results

How often do you wear your helmet?



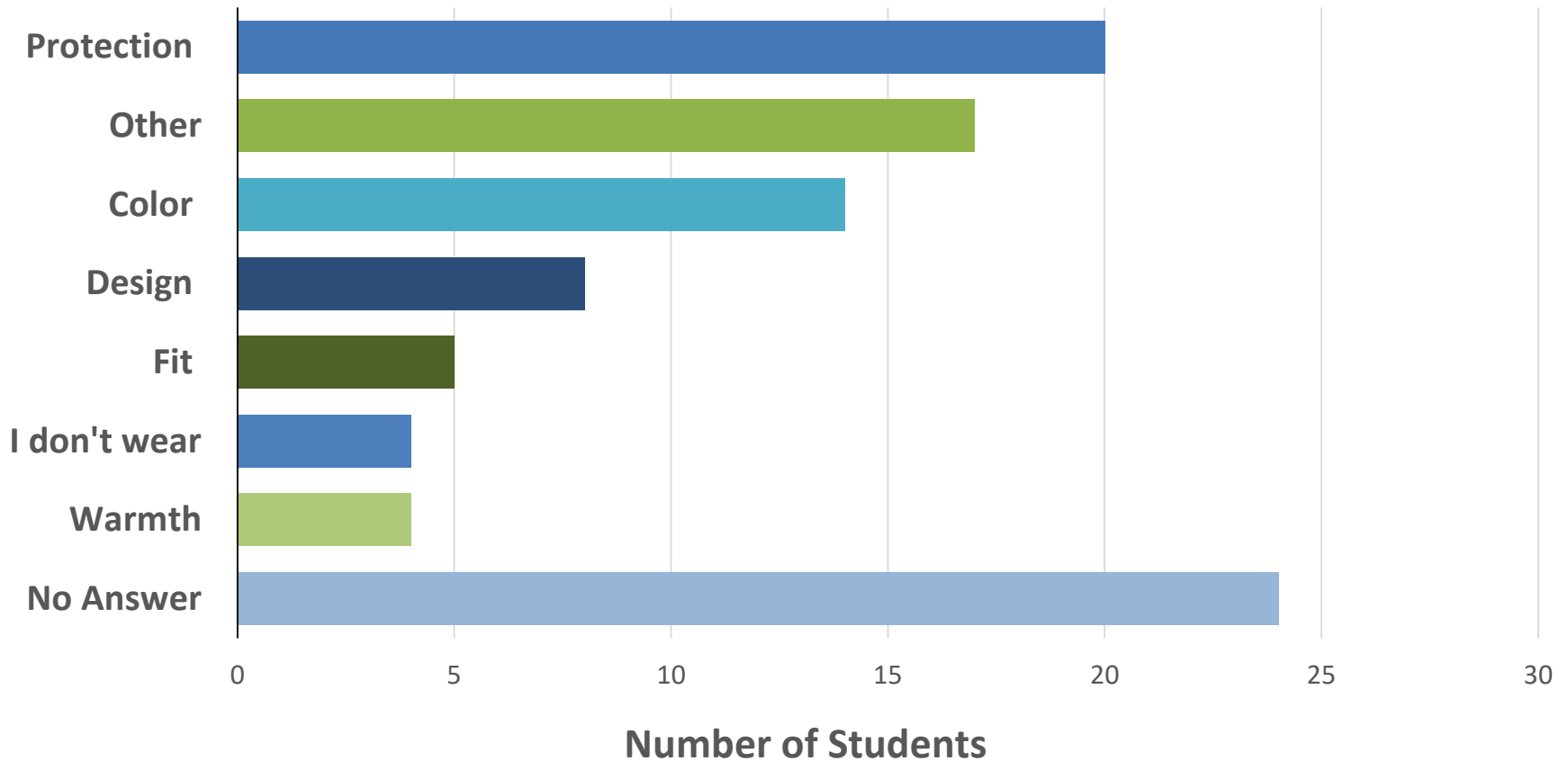
Post Survey Results

Why don't you wear a helmet?



Post Survey Results

What do you like best about your helmet?



Linking Clinical and Community

TBI Stabilization Pilot
sites with CHAP

Outcomes:

- MOA with Tribal Health Organizations
- Increase skills for TBI stabilization in community
- Embed Healthcare Simulation courses with Injury Prevention Program

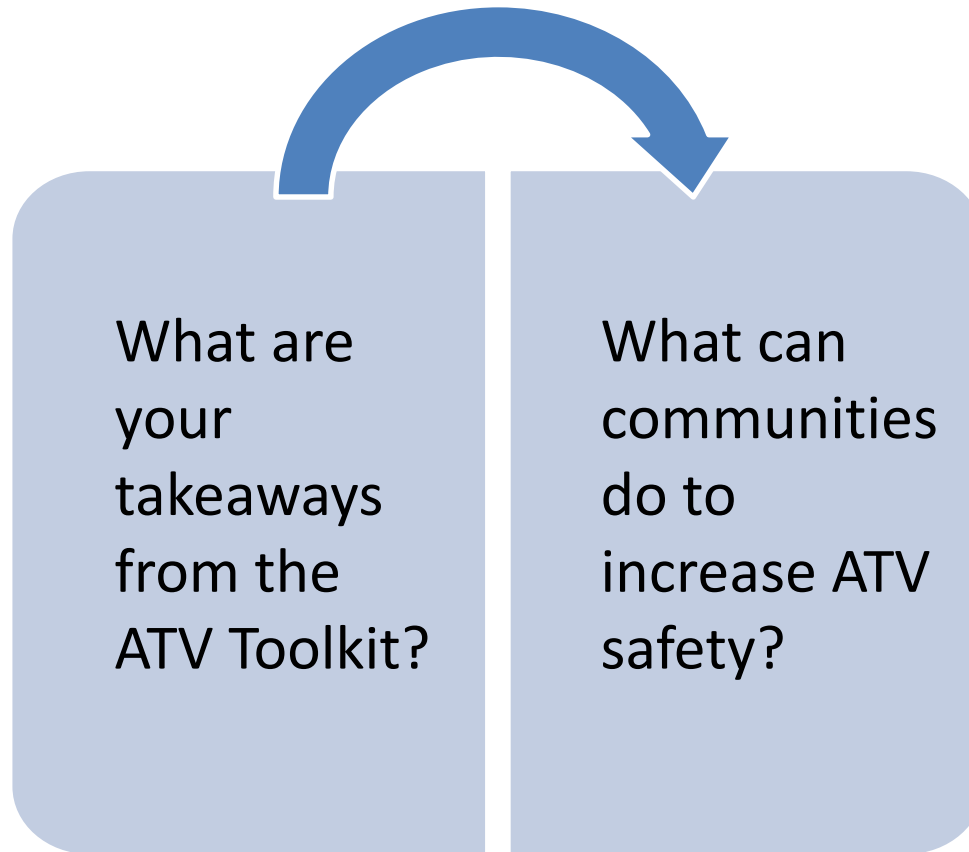


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Discussion



Thank You!



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