

Quick Shot Presentation

Stop the Bleed:

Teaching and Collaboration in a Rural Setting Community

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Kootenai Health

Coeur d'Alene, Idaho

Level II Trauma Center, Idaho Time Sensitive Emergencies

Level III Trauma Center, American College of Surgeons



Identifying Need

Kootenai Health is a level II/Level III 299-bed community hospital in Northern Idaho

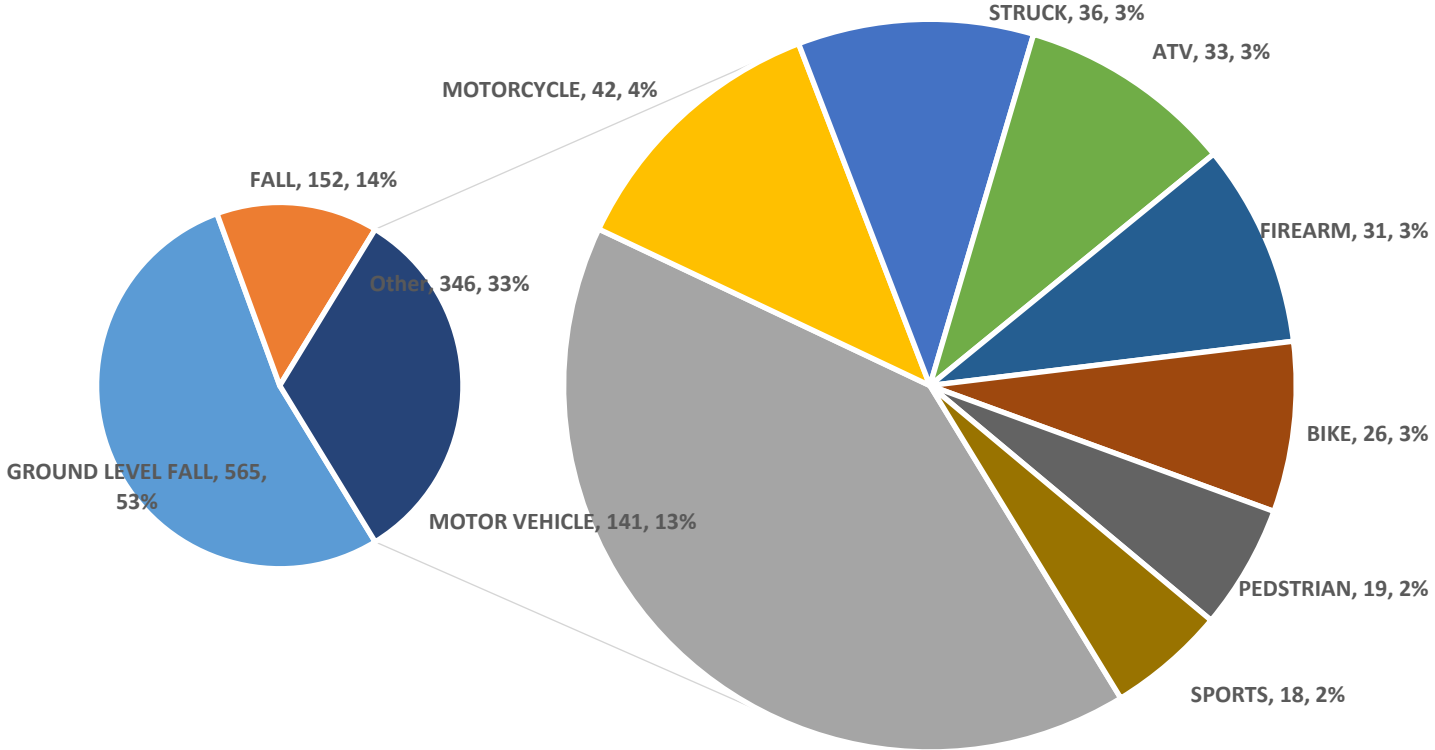
- ▶ Extreme sports & outdoor activities
- ▶ Rural setting = delayed first-responder time
 - ▶ *January 1, 2018 to March 31, 2019:*
 - ▶ **1172** Trauma related injuries
 - ▶ **36** Deaths related to traumatic injuries

(Data provided by Kootenai Health Trauma registry)

- ▶ Prevention programs prioritizes top trauma needs for community

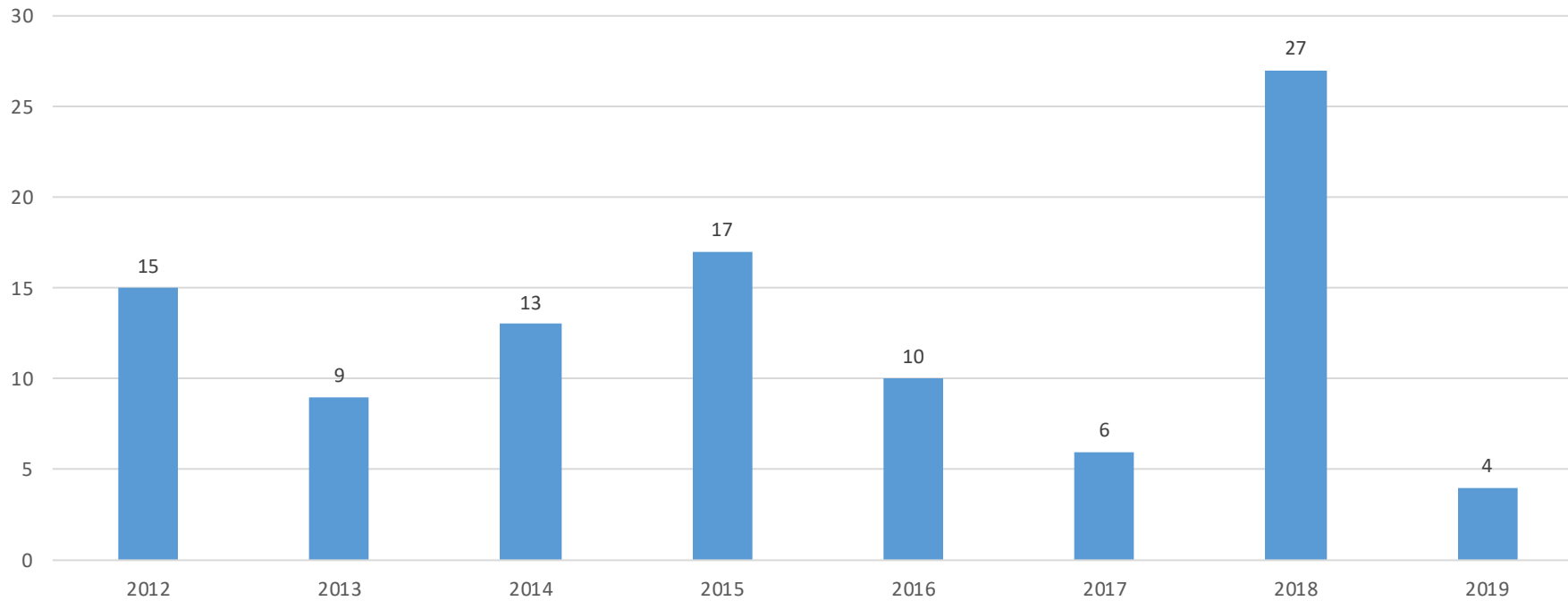
Kootenai Health: 2018 Trauma Related Mechanism of Injuries

Kootenai Health Trauma Services
January 1, 2018 - March 31, 2019
Top 10 Mechanism of Injury: 1063 of 1172 Patients



Increase in Gun Related Traumas:

Kootenai Health Trauma Services
January 1, 2012 - March 31, 2019 Mechanism of Injury = Firearm



Stop the Bleed: Intervention & Implementation Design

January 2018 the journey began....

Program Objectives

- ▶ Teach citizens to quickly recognize & treat uncontrolled bleeding
- ▶ Empower bystanders to respond to traumatic injury

Community Partners

- ▶ School districts, North Idaho College
- ▶ Idaho Transportation Department
- ▶ City & county municipal agencies
- ▶ Fire departments, Health Departments

Class Format

- ▶ 2-hour class & Community booth
- ▶ 1:8 ratio, Hospital RN's & EMT's

Community Collaboration



Budget and funding sources

- Hospital's Trauma Services, Injury Prevention department
- Most RN's volunteer time
- School STB kits provided by Idaho Time Sensitive Emergencies

Program Evaluation: In the Community

Since 2018:

- **432** people have received the two hour course education.
- An estimated **650** people received basic tourniquet & wound packing education at community booth events.



Program Outcomes

- ▶ **Education:** Estimated 1,082 people trained who successfully verbalized and demonstrated bleeding control measures and tourniquet use
- ▶ **Outcome:** Increased tourniquet & wound packing usage
- ▶ **Dissemination:** Reports to hospital board, superintendent of schools and community presentations
- ▶ **Successes and/or barriers:** Staffing and funding
- ▶ **Future Growth:**
 - ▶ Replication
 - ▶ Collaboration

Contact:

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