

**OFF-HIGHWAY
VEHICLE INTERIM
COMMITTEE**

**Zach Zaslow & Dwayne Smith
Children's Hospital Colorado**



Children's Hospital Colorado

- The Rocky Mountain region's only Level 1 trauma center for kids and only kids in our seven state region.
- Our clinical work may be the most visible part of our mission, but advocacy is just as important.
- Advocacy is how we influence decisions relating to children's health policy issues such as injury prevention.



Off-Highway Vehicles, Kids, and Safety

15-year-old boy killed in ATV accident in Laporte ID'd

The Associated Press

POSTED: 02/24/2015 05:32:10 PM MST
UPDATED: 02/24/2015 05:32:17 PM MST

DENVER AND THE WEST

Teenager dies in ATV crash in Grand Junction

By Anna Gaudin

The Denver Post

POSTED: 01/30/2015 03:18:17 PM MST
11/30/2018 03:16:27 PM MST

2 COM

2 teens airlifted after ATV crash near Beaver Reservoir in Boulder County

By Mitchell Byars
Staff Writer

POSTED: 01/27/2015 06:47:14 AM MST
UPDATED: 01/27/2015 10:02:12 AM MST

9-year-old victim in fatal UTV accident born and raised in Grand Junction

Updated: Wed 3:34 PM, Apr 29, 2015

By: Craig Daily Press



Writers on the Range: An appeal to reduce the West's ATV carnage





Off-Highway Vehicles, Kids, and Safety



“ATVs are designed, manufactured and sold for **off-road use only**. ...

“If ATVs could be kept off of public roads, as urged by SVIA and as contained in our Model State SVIA Legislation, a large percentage of ATV-related injuries and deaths would be prevented.”





Off-Highway Vehicle Child Fatalities in Colorado

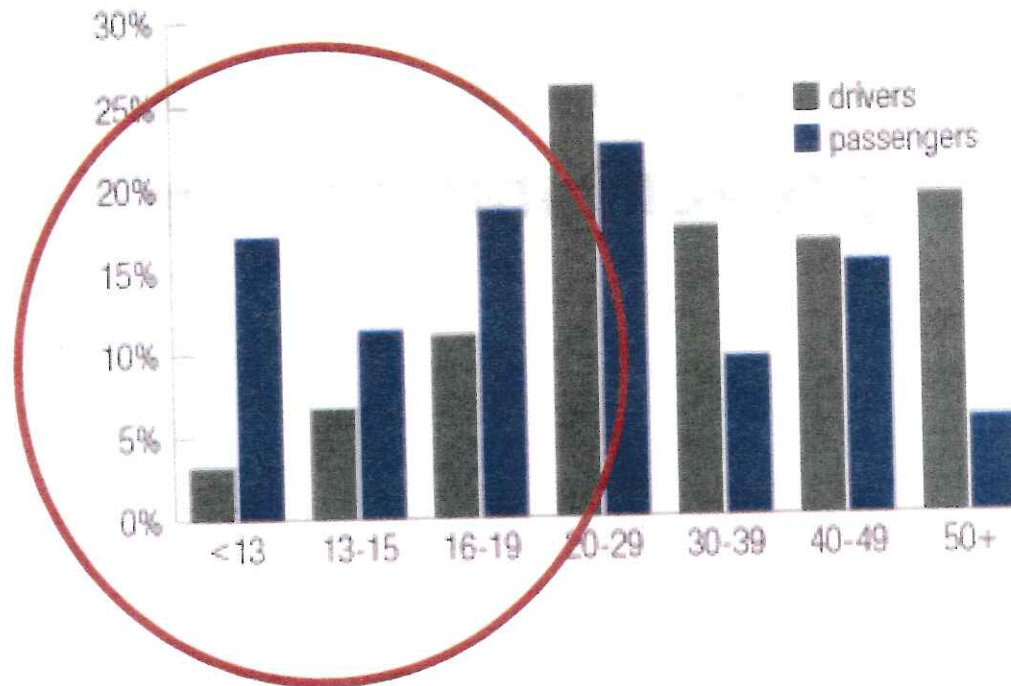
From 2009-2013, **5.9%** of children in fatal motor vehicle deaths in Colorado were riding in ATVs. This accounted for **13 preventable deaths.**





Child Fatalities on Public Roads

Ages of ATV riders killed in crashes on public roads, 2007-11



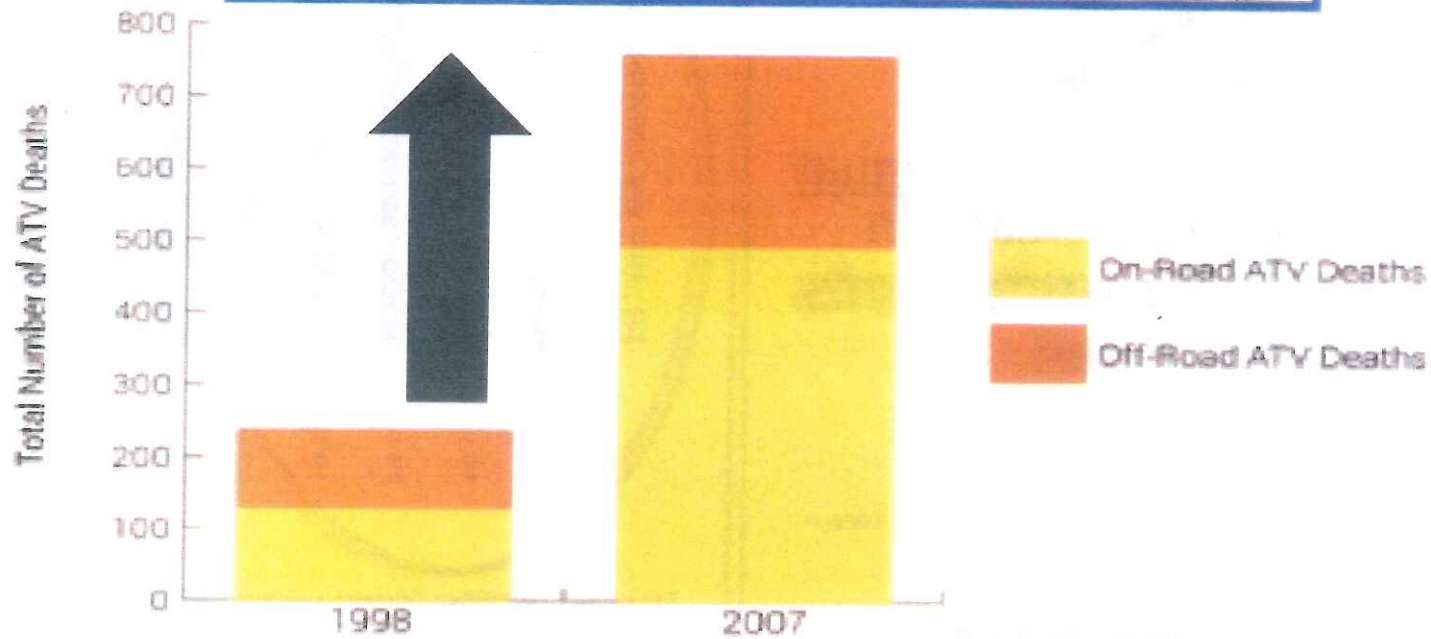
Nationally, **1,701 ATV riders** of all ages died on public roads from 2007-2011.

Source: Williams, A.F. et al, On-road all-terrain vehicle (ATV) fatalities in the United States. *Journal of Safety Research*, 2014.



Use of Off-Highway Vehicles on Public Roads Increase Risk of Death

On-Road ATV Deaths Increase Two Times Faster Than Off-Road Deaths from 1998 - 2007



Compiled from CPSC Data as Analyzed by IHIS

Child Trauma & Injuries from Off-Highway Vehicles



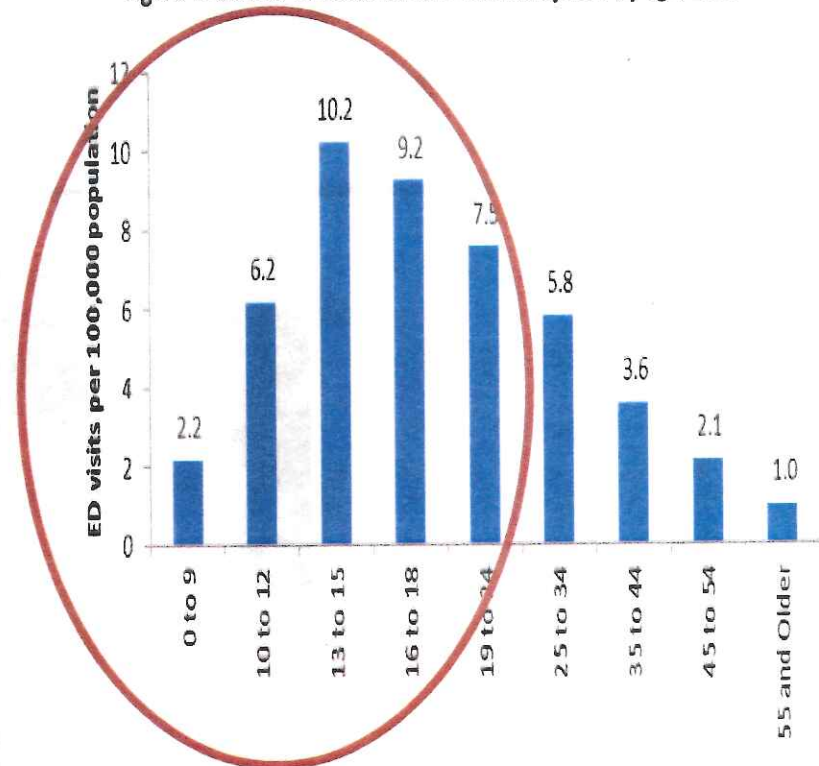
Nationally, between 2001–2010,
an estimated

361,161

ATV riders ages less than or equal to 15 years old were treated in **Emergency Departments** for ATV-related injuries.

Source: Shults, R.A. et al, All-Terrain Vehicle-Related Nonfatal Injuries Among Young Riders in the United States, 2001–2010. *Pediatrics*, 2013(132)2.

Figure 1. Rate of ED visits for ATV-related injuries by age, 2009

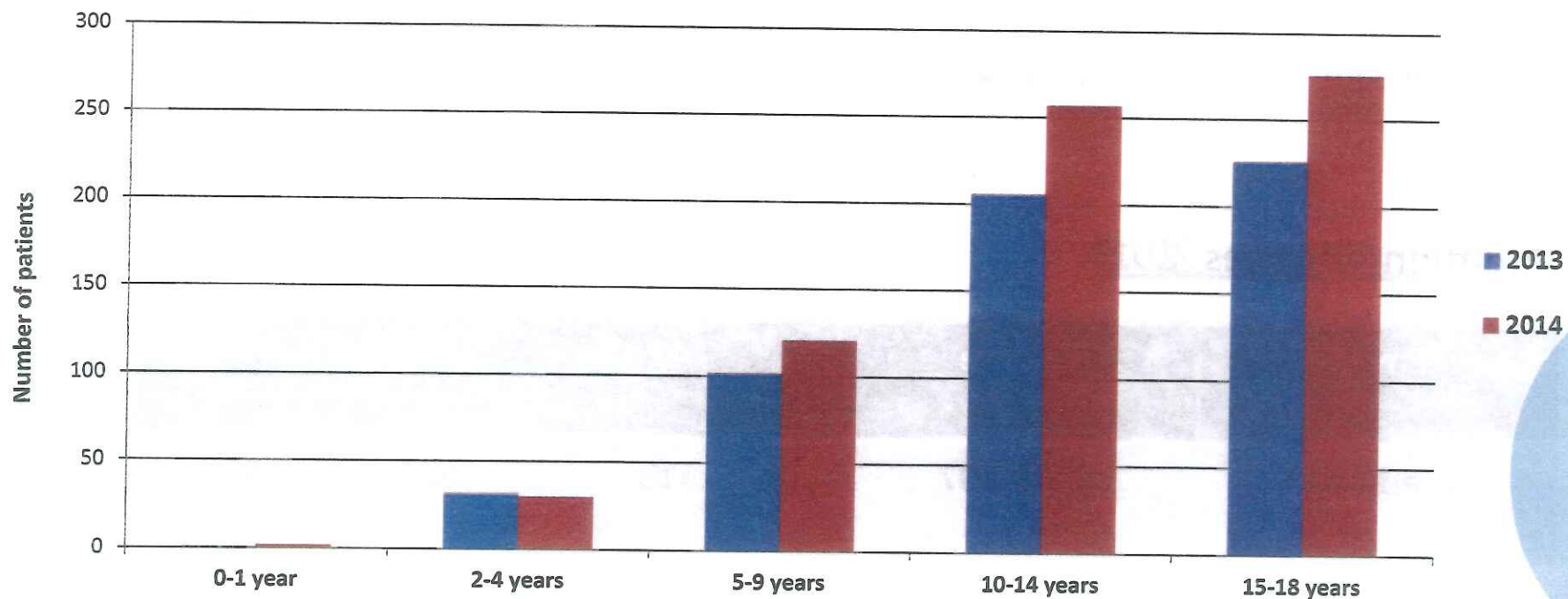


Source: AHRQ, Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, Nationwide Emergency Department Sample, 2009



Trauma & Injuries

Pediatric ATV-Related Emergency Department, Inpatient, and Outpatient CHA Hospital Utilization in Colorado By Age Group, 2013-2014



Source: Preliminary data from the Colorado Hospital Association, 2015.



Example Cost of Care for OHV Injuries

Emergency Department Charges, 2013

| Payer | Charge | Age | Patient is from... |
|------------|----------|-----|--------------------|
| Commercial | \$45,219 | 16 | South Metro Area |
| Medicaid | \$29,414 | 15 | South Metro Area |

Inpatient Charges, 2013

| Payer | Charge | Age | Patient is from... |
|----------|-----------|-----|--------------------|
| Medicaid | \$238,597 | 13 | Northern Colorado |

Source: Colorado Hospital Association Data, 2013.



Patient Stories from Our Hospital...

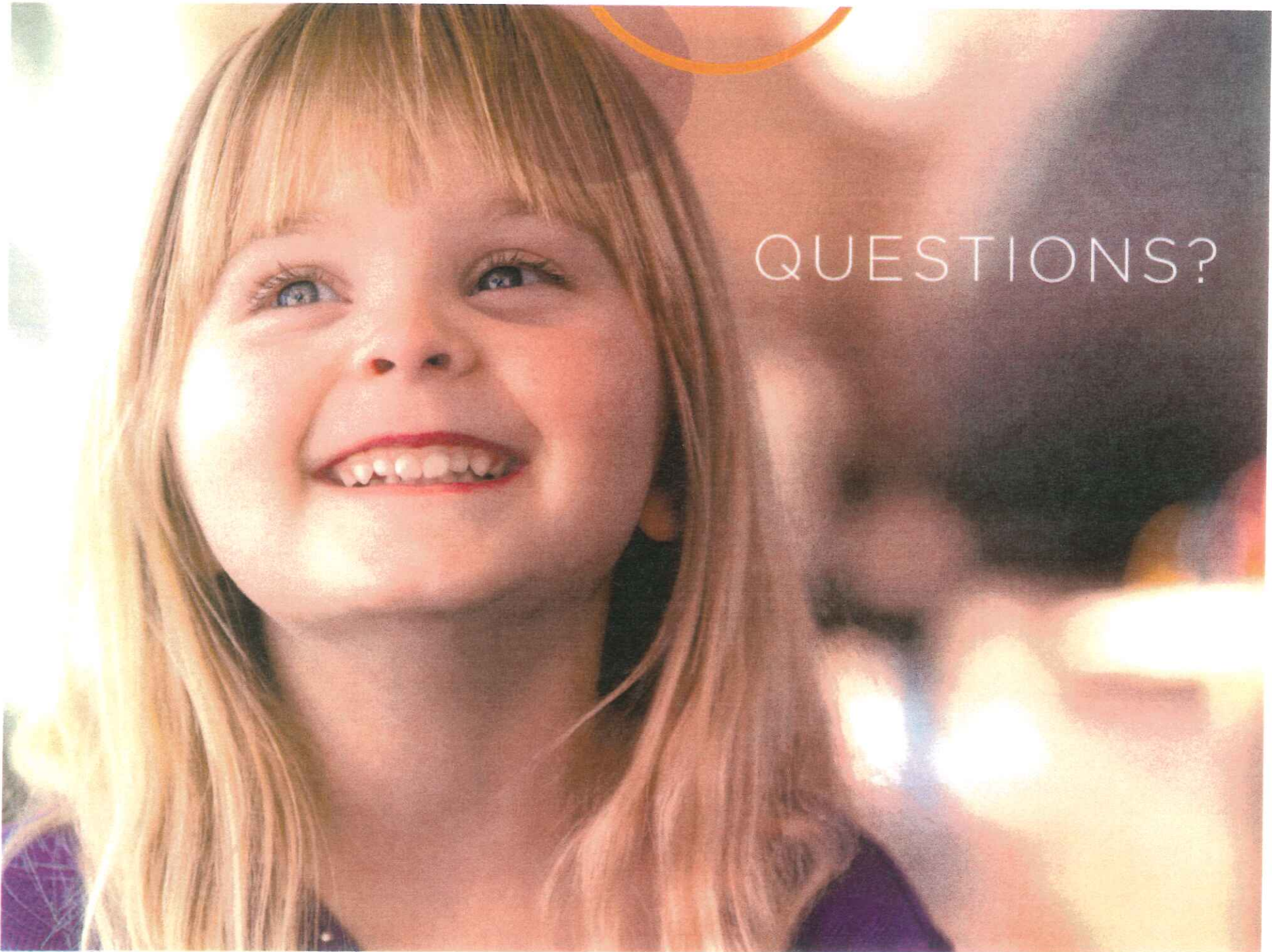




Recommendations

- Don't move forward with any legislative effort that would make it more likely that very young children and youth will be injured or killed using Off-Highway Vehicles on public roads.
- Apply any results from this Committee's work to public policies for adults only.





QUESTIONS?