

# All Terrain Vehicle (ATV) Safety

*On and off roadways*

Month, Day, 2017

ISSUE BRIEF

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## Facts about ATV crashes

### In the United States...

- About 700 deaths and more than 100,000 emergency department visits occur each year from ATV crashes.
- One in 5 ATV-related deaths and almost 1 in 3 injuries occur among children younger than 16 years. Only 25% of ATV crash victims under 16 years wore a helmet.
- Around 95% of youth deaths and injuries occur on adult -sized ATVs. Females and children are more likely than males and adults to be passenger victims.
- Over half of all ATV deaths occur on roadways.

### In Iowa...[insert facts about your state]

- Hundreds of ATV crashes occur each year. Eight out of ten victims are male and 3 out of 10 are passengers.
- Most ATV crashes result in serious injuries requiring emergency treatment. ATV crashes occur in both urban and rural areas.
- Head injury is among the leading causes of death and disability in ATV crashes. Helmet use on ATVs is low.
- Two-thirds or more of on-road crashes are not traffic-related. They involve loss of vehicle control most often resulting in a rollover.

## Policies to promote ATV safety

### Does Iowa have this?

- **All-rider helmet laws** promote helmet use, which when consistently worn can reduce fatal ATV-related brain injuries by around 40% and non-fatal ones by over 60%.
- **Laws related to ATV safety education** require safety training for riders 12-15 years of age (i.e. a safety education certificate) to ride without supervision in ATV parks and on approved trails.
- **Laws restricting the operation ATVs on public roads** limit such use to essential activities, specifically agricultural and other occupational purposes.
- **Laws prohibiting ATV passengers** on ATVs designed for a single rider promote correct and safer use.
- **Laws prohibiting children** under 16 years of age from operating adult-size ATVs could prevent the vast majority of deaths and injuries among youth.



\*agricultural purposes only



## Examples of prevention

- **Programs focused on ATV safety** : the right size ATV, protective gear; no passengers and no roadways, etc.
- **ATV riding environments** (like off-highway vehicle parks) with safety regulations and effective enforcement
- **Engineering approaches** (like ATV seat design) to decrease unsafe riding practices
- **Effective enforcement** of ATV laws to promote safer riding behaviors

## Resources & Partners

⇒ This template was designed by the University of Iowa Injury Prevention Research Center. Other partners: National Center for Injury Prevention and Control (NCIPC) at the Centers for Disease Control and Prevention (CDC); University of Iowa Stead Family Children's Hospital . [www.uichildrens.org/atv-safety](http://www.uichildrens.org/atv-safety)

# Guide for using the policy brief template. Do not print this page.

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- Include title of brief and date.
- Include your organization's logo or use a photo.

## Example of sites where you can get free online photos:

[www.flickr.com](http://www.flickr.com) You must give photo credit and include license.  
Example: *Photo by Anthony Auston* <http://bit.ly/2fSSbtZ/> CC BY

## Example of site where you can purchase stock photos:

[istock.com](http://istock.com)

## Where you can get facts about ATV crashes in your state:

Links to Consumer Product Safety Commission Annual Reports on ATV Deaths and Injuries

Website: <https://www.cpsc.gov/Research--Statistics/Injury-Statistics>

Iowa ATV Injury Prevention Task Force

Email address: [atvsafety@uiowa.edu](mailto:atvsafety@uiowa.edu)

Website: <https://uichildrens.org/health-library/all-terrain-vehicle-atv-safety>

## Where you can information about ATV policies in your state:

The website of your state's legislature. For example: (Iowa's) <https://www.legis.iowa.gov/>

Reports from you state's College of Public Health or trauma hospitals

Iowa ATV Injury Prevention Task Force:

Email address: [atvsafety@uiowa.edu](mailto:atvsafety@uiowa.edu)

Website: <https://uichildrens.org/health-library/all-terrain-vehicle-atv-safety>

## Other helpful resources:

Consumer Federation of America Off-Highway Vehicle Safety

Website: <https://consumerfed.org/off-highway-vehicle-safety/>

Concerned Families for ATV Safety

Website: <http://www.cfatvsafety.org>

CPSC ATV Safety Information Center

Website: <https://www.cpsc.gov/Safety-Education/Safety-Education-Centers/ATV-Safety-Information-Center>