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## Injuries to Youth on Racial Minority Farm Operations, 2003

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## Racial Minority Farm Operations

Just the facts . . .

- In 2003, 57,000 farms were operated by racial minorities in the United States; racial minority farms include those operated by Blacks, Native Americans/Alaska Natives, Asian/Pacific Islanders, and Other minority races
- About 1/3 (18,700) of these farms reported having youth less than 20 years old living on them
- 27,400 youth lived on these racial minority operated farms
- 630 injuries (1.7 injuries/day) occurred to youth who lived on, worked on, or visited these racial minority operated farms
- About 2/3 (410) of the injuries were to youth who lived on the farm
- Between 1995 and 2002, 81 racial minority youth died on farms (42 deaths/100,000 youth)



## Racial Minority Youth Fatalities on Farms, 1995-2002

- Of the 81 racial minority youth who died on farms in the United States, most were between the ages of 16 and 19 years
- The majority of deaths to racial minority youth on farms were due to drowning (40%); machinery (9%), such as tractors; and motor vehicles (9%), which include ATVs

**Understanding how to create a safe farm environment is important for farm operators and their families. Youth who live and work on farms are exposed to potentially dangerous farm-related hazards more frequently than other youth.**

## Non-fatal Injuries to Youth Living on Racial Minority Farms, 2003

The most common sources for the 410 non-fatal injuries to youth living on a racial minority farm were:

- Floors, walkways, ground (34%)
- Persons, animals, plants, minerals (33%)
- Vehicles (ATVs, tractors, automobiles, 12%)

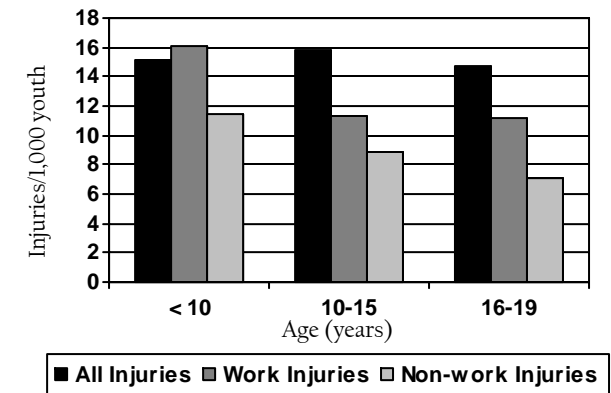
The most common types of injury were:

- Broken bone (28%)
- Bruise (18%)
- Cut (17%)

The body parts most commonly injured were:

- Leg (17%)
- Foot, ankle, toe (16%)

Non-fatal injury rates (per 1,000 youth) for youth living\* on racial minority farms by age group, 2003



\* Includes all individuals 0-19 years of age who live on a racial minority farm operation.

## How to Keep the Youth on Your Farm Safe

- Children do what they see...be a good role model for farm safety. Devote a day to FARM SAFETY with your children.
- Inspect your farm for hazards to children. Remove as many hazards as possible. Mark dangerous areas clearly with hazard signs.
- Provide an enclosed and supervised safe play area for children. Do not allow children to play around machinery, workshops, storage buildings, or where work is occurring on the farm.
- Assign farm chores to youth that are appropriate for their age such as those recommended in the North American Guidelines for Childhood Agricultural Tasks (NAGCAT).

## Keeping Youth Safe Around Animals

- Teach youth how to handle and work with animals safely.
- Farm animals that are breeding, have newborns, or are sick can be aggressive - make sure children have no contact with these animals.
- Children should wear proper protective clothing when handling animals. For example, youth should always wear a helmet when riding horses.
- All household pets should have proper health checks and shots.

## Keeping Youth Safe Around Machinery

- Do not allow extra riders on tractors, all terrain vehicles (ATVs) and other farm equipment; follow the “ONE SEAT— ONE RIDER” rule.
- NEVER leave keys in the ignition of machinery or vehicles.
- Limit operation of ATVs, tractors, and machinery to older youth. ATV manufacturers recommend that riders be at least 16 years of age for ATVs 400 cc or larger, and that they take an ATV safety training course. Youth should not operate any ATV without wearing a helmet.
- Child labor laws require that hired youth be at least 16 years old to operate tractors and machinery on farms, except for 14- and 15- year olds who have received operator certification. All youth should be properly trained before operating tractors or machinery.
- Child labor laws do not apply to youth on their family’s farm. However, they are a good guide for when youth are old enough to do hazardous work safely.
- Youth, like adults, should not operate farm tractors without a Roll-Over Protective Structure (ROPS) and a seatbelt.
- Youth should not operate tractors or other vehicles on public roads without a driver’s license.

**Farm operators who hire youth to work on their farm should be aware of all applicable child labor laws.**

## Keeping Youth Safe Around Water

- Always supervise children when playing in or near water.
- All entrances to ponds, lagoons, pools, and manure pits should be restricted. All farm ponds should have water safety and rescue equipment.
- Alcohol contributes to many teen drownings on farms. Talk to your teens about the dangers of drinking and swimming.
- Never leave containers with standing water in areas where toddlers are present.

### **Farm Youth Dies in ATV Rollover While Helping Father Chop Silage**

2004 – An 8-year-old boy was killed while helping his father chop hay for silage on their dairy farm. The boy was helping by driving to and from the field location on an ATV. As the boy was returning home after 10:00 p.m., he drove up a slight field embankment causing the ATV to roll over, pinning him to the ground.



## For More Information

National Children’s Center for Rural and Agricultural Health and Safety  
1000 North Oak Avenue  
Marshfield, Wisconsin 54449  
Telephone: 1-888-924-SAFE (7233)  
Web: [research.marshfieldclinic.org/children](http://research.marshfieldclinic.org/children)

North American Guidelines for Children’s Agricultural Tasks (NAGCAT)  
Telephone: 1-888-924-SAFE (7233)  
Web: [www.nagcat.org](http://www.nagcat.org)

Farm Safety 4 Just Kids  
P.O. Box 458  
Earlham, Iowa 50072  
Telephone: 1-800-423-5437; 515-758-2827  
Web: [www.fs4jk.org](http://www.fs4jk.org)

U.S. Department of Labor  
Frances Perkins Building  
200 Constitution Avenue, NW  
Washington, DC 20210  
Telephone: 1-866-4-USA-DOL  
Web: [www.dol.gov/dol/topic/youthlabor/Agriculturalemployment.htm](http://www.dol.gov/dol/topic/youthlabor/Agriculturalemployment.htm)

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