# Childhood Agricultural Injuries in the U.S.

## Population at Risk

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Farms</strong></td>
<td>In 2015, there were approximately 2.07 million farms in the United States.¹</td>
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</tbody>
</table>
| **Children**   | About 893,000 youth lived on farms in 2014 and more than half (51%) worked on their farm.²  
                  | More than 265,600 non-resident youth were hired in agriculture in 2014.²  
                  | Approximately 23,883,000 youth visited farms in 2014.² |

## Toll of Childhood Agricultural Injuries

<table>
<thead>
<tr>
<th><strong>Deaths</strong></th>
<th>Description</th>
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<tbody>
<tr>
<td>Every three days, a child dies in an agriculture-related incident.*</td>
<td>Of the leading sources of fatalities among all youth, 25% involved machinery, 17% involved motor vehicles (includes ATVs), and 16% were drownings.³</td>
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<td>For working youth, tractors were the leading source of fatalities followed by ATVs.⁴</td>
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<tr>
<th><strong>Nonfatal Injuries</strong></th>
<th>Description</th>
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| Every day, about 33 children are injured in agriculture-related incidents.** | In 2014, an estimated 7,469 household† youth were injured on a farm and 60% of them were not working when the injury occurred.²  
                  | An estimated 738 hired youth were injured on farms in 2014.²  
                  | Approximately 3,735 visiting youth were injured on farms in 2014.²  
                  | Vehicles were the leading source of injury for household working youth.²  
                  | Animals were the leading source of injury for both household non-working youth and visitors.² |

## Injury Trends

- While overall numbers of farm injuries are declining, injuries to household youth have held steady.²  
- Among household youth on farms, injury rates increased in 2014 for youth 10-19 years.²  
- From 2003 to 2010, among workers younger than 16 years, the number of worker fatalities in agriculture was consistently higher than in all non-agricultural industries combined.⁵

### Nonfatal Injuries – All Youth

![Graph showing nonfatal injuries from 2001 to 2014](image)

### Household Youth Injury Rates by Age

![Graph showing household youth injury rates by age](image)

**Note:** Data from the Childhood Agricultural Injury Survey (CAIS) does not include injuries to contract laborers. For more detailed child agricultural injury data, go to [http://www.cdc.gov/niosh/topics/childag/](http://www.cdc.gov/niosh/topics/childag/).

*From reported 115 agriculture-related deaths annually from 1995 to 2000.³  
**From estimated 11,942 injuries in 2014.²  
†Household youth are youth who live on a farm.
Economic Data

Nonfatal Injuries | Youth agricultural injuries cost society an estimated $1 billion per year (in 2005 dollars).  
Fatalities | Youth agricultural deaths cost society an estimated $420 million per year (in 2005 dollars)

Injury Prevention Strategies and Resources

<table>
<thead>
<tr>
<th>Keep Kids Away from Tractors</th>
<th>Keep Young Children out of Worksite</th>
<th>Assign Age-Appropriate Work</th>
<th>Provide Training and Supervision</th>
<th>Provide a Safe Environment and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tractor Safety</td>
<td>Creating Safe Play Areas on Farms</td>
<td>North American Guidelines for Children’s Agricultural Tasks</td>
<td>Safety Guidelines for Hired Adolescent Workers</td>
<td>ATV Safety Integrating Safety into Agritourism</td>
</tr>
</tbody>
</table>

References

1. USDA, NASS publications: Farms and Land in Farms, 2015 Summary, February 2016. Available at: http://usda.mannlib.cornell.edu/usda/current/FarmLandIn/FarmLandIn-02-18-2016.pdf

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