### Population at Risk

**Farms**
- In 2018, there were approximately 2.03 million farms in the United States.\(^1\)

**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.\(^2\)

### Fatal Childhood Agricultural Injuries

#### All youth
- About every three days, a child dies in an agriculture-related incident.*
- Of the leading sources of fatalities among all youth, 25% involved machinery, 17% involved motor vehicles (includes ATVs), and 16% were drownings.\(^3\)

#### Working youth
- From 2001 to 2015, 48 percent of all fatal injuries to young workers occurred in agriculture.\(^4\)
- Since 2009, the number of youth worker fatalities in agriculture has been higher than in all other industries combined.\(^4\)
- In 2016, young workers were 7.8 times more likely to be fatally injured in agriculture when compared to all other industries combined (14.57 per 100,000 FTE vs 1.87 per 100,000 FTE).\(^4\)
- Transportation incidents were the most common fatal event, with tractors and ATVs as the primary vehicle sources.\(^4\)

### Fatality Rates for Young Workers (ages 15-17)

### Fatality Rates Agriculture vs All Other Industries, 2001-2016

#### Year
<table>
<thead>
<tr>
<th>Fatality Rate per 100,000 FTE</th>
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<tbody>
<tr>
<td><strong>Agricultural Production</strong></td>
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<tr>
<td><strong>All Other Industries combined</strong></td>
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<td>2016</td>
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</tbody>
</table>

### Source
Fatal injury totals were generated by NIOSH researchers with restricted access to the Bureau of Labor Statistics (BLS) Census of Fatal Occupational Injuries (CFOI) microdata; additional information at www.bls.gov/iif/oshcfoi1.htm.
Nonfatal Childhood Agricultural Injuries

All Youth

- 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.5
- An estimated 738 hired youth were injured on farms in 2014.5
- Approximately 3,735 visiting youth were injured on farms in 2014.5
- Vehicles were the leading source of injury for household working youth.5
- Animals were the leading source of injury for both household non-working youth and visitors.5

Nonfatal Injuries – All Youth

Household Youth Injury Rates by Age

![Graph showing nonfatal injuries and household youth injury rates by age from 2001 to 2014.](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 2014.5

†Household youth are youth who live on a farm

References

1. USDA, NASS publications: Farms and Land in Farms, 2018 Summary, April 2019. Available at: [https://downloads.usda.library.cornell.edu/usda-esmis/files/5712m6524/j098zk725/9z903749k/fnlo0419.pdf](https://downloads.usda.library.cornell.edu/usda-esmis/files/5712m6524/j098zk725/9z903749k/fnlo0419.pdf)
2. Childhood Agricultural Injury Survey (CAIS) Results. Available at: [https://www.cdc.gov/niosh/topics/childag/cais/demotables.html](https://www.cdc.gov/niosh/topics/childag/cais/demotables.html)

For information and resources to prevent child agricultural injuries visit [www.cultivatesafety.org](http://www.cultivatesafety.org)

For more information contact:
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Website: [http://www.marshfieldresearch.org/nccrahs](http://www.marshfieldresearch.org/nccrahs)

Note: There is no central repository of childhood agricultural injuries. This fact sheet draws from the best available data.