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

<table>
<thead>
<tr>
<th>Year</th>
<th>Fatality Rate per 100,000 FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Agricultural Production</td>
</tr>
<tr>
<td>2001</td>
<td>9.16</td>
</tr>
<tr>
<td>2002</td>
<td>10.44</td>
</tr>
<tr>
<td>2003</td>
<td>25.31</td>
</tr>
<tr>
<td>2004</td>
<td>26.54</td>
</tr>
<tr>
<td>2005</td>
<td>38.40</td>
</tr>
<tr>
<td>2006</td>
<td>21.89</td>
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<tr>
<td>2007</td>
<td>24.89</td>
</tr>
<tr>
<td>2008</td>
<td>15.97</td>
</tr>
<tr>
<td>2009</td>
<td>22.38</td>
</tr>
<tr>
<td>2010</td>
<td>47.07</td>
</tr>
<tr>
<td>2011</td>
<td>18.19</td>
</tr>
<tr>
<td>2012</td>
<td>18.20</td>
</tr>
<tr>
<td>2013</td>
<td>23.27</td>
</tr>
<tr>
<td>2014</td>
<td>29.65</td>
</tr>
<tr>
<td>2015</td>
<td>28.21</td>
</tr>
<tr>
<td>2016</td>
<td>14.57</td>
</tr>
</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

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/.

*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
2. Childhood Agricultural Injury Survey (CAIS) Results. Available at: https://www.cdc.gov/niosh/topics/childag/cais/demotables.html

For information and resources to prevent child agricultural injuries visit www.cultivatesafety.org

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

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