2014 Fact Sheet

Childhood Agricultural Injuries in the U. S.

Population at Risk

- Farms: In 2012, there were approximately 2.2 million farms in the United States.¹
- Children: More than 955,400 youth lived on farms in 2012 and almost half (49%) worked on their farm.²
  - About 258,800 non-resident youth were hired in agriculture in 2012, up from 230,400 in 2009.²

Toll of Childhood Agricultural Injuries

- Deaths: 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
  - Among working youth, vehicles and machinery accounted for 73% of deaths.⁴
- Nonfatal Injuries: Every day, about 38 children are injured in an agriculture-related incident.**
  - In 2012, an estimated 7,780 household youth were injured on a farm and 80% of them were not working when the injury occurred.²
  - Leading sources of nonfatal injuries are surfaces (falls), animals and vehicles.²

Injury Trends

- From 1998 to 2012, the rate of childhood agricultural injuries per 1,000 farms (includes youth who live on, visit, and are hired to work on farms) declined by 61% and the rate of injuries per 1,000 household youth (those living on farms) declined by 57%.²
- While overall rates are declining, farm injuries among children under 10 years are increasing.²
- Among household youth, the gap between males having higher injury rates than females has decreased.²

Childhood Agricultural Injury Estimates of Youth Farm Injuries

<table>
<thead>
<tr>
<th>Year</th>
<th>Farm Injuries Youth &lt; 20</th>
<th>Injuries/1000 Farms</th>
<th>Farm Household Youth &lt; 20</th>
<th>Injuries/1000 Household Youth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1998</td>
<td>37,774</td>
<td>16.6</td>
<td>1,460,000</td>
<td>18.8</td>
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<td>2001</td>
<td>29,277</td>
<td>13.5</td>
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<td>2004</td>
<td>27,591</td>
<td>13.1</td>
<td>1,257,000</td>
<td>15.0</td>
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<td>2006</td>
<td>22,894</td>
<td>11.0</td>
<td>1,120,000</td>
<td>10.4</td>
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<tr>
<td>2009</td>
<td>15,876</td>
<td>7.2</td>
<td>1,040,200</td>
<td>7.5</td>
</tr>
<tr>
<td>2012</td>
<td>13,996</td>
<td>6.4</td>
<td>955,400</td>
<td>8.1</td>
</tr>
</tbody>
</table>

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/](http://www.cdc.gov/niosh/topics/childag/).
Economic Data

Nonfatal Injuries
- Youth agricultural injuries cost society an estimated $1 billion per year (in 2005 dollars).^6

Fatalities
- Youth agricultural deaths cost society an estimated $420 million per year (2005 dollars).^6

Prevention Strategies and Resources

*From reported 115 agriculture-related deaths annually from 1995 to 2000.\(^3\)

**From estimated 13,996 injuries annually.\(^2\)

References


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