

2008 Fact Sheet

Childhood Agricultural Injuries

Population a	t Risk						
Farms							
Children						and n in 2001. ³	
Industry							
Toll of Child	hood Agricul	tural Injurie	es				
Deaths	 Between 1995 and 2002, an estimated 907 youth died on US farms (43 fatalities per 100,000 youth); with most fatalities occurring to youth 16-19 years of age.⁵ Of the leading sources of fatal injuries to youth on U.S. farms, 23% percent involved machinery (includes tractors), 19% involved motor vehicles (includes ATVs), and 16% were due to drowning.⁵ 						
Nonfatal Injuries	 According to data from 2001, approximately 6,138 injuries (31%) occurred to children under 10 years of age living on farms.⁶ Two-thirds (63%) of injured children were not actively working when the injury occurred.⁶ 						
Injury Rate	■ In 2001, youth living on livestock operations had a significantly higher rate of injury (19.2 injuries/1,000 youth) compared to their counterparts in crop operations (12.1 injuries/1,000 youth).						
Injury Trend	• Over the eight years from 1998 to 2006, 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 37% (from 16.6 to 10.5). The rate of injuries per 1,000 household youth (those living on farms) declined by 44% (from 18.8 to 10.5) during that same period. ²						
	Childhood Agricultural Injury Estimates of Youth Farm Injuries ²						
	Year	Farm Injuries Youth < 20	Injuries/1000 Farms	Farm Household Youth < 20	Farm Household Youth Injuries	Injuries/1000 Household Youth	
	1998 2001 2004	37,774 29,277 27,590	16.6 14.0 13.1	1,460,000 1,350,000 1,260,000	27,321 22,144 18,800	18.8 16.4 15.0	



2006

23,074



10.5

10.5

1,120,000

11,773

Minority Operated Farms				
Population at	■ In 2003, an estimated 27,400 youth were living on 57,000 racial minority (excluding			
Risk	Hispanic) operated farms and an additional 34,500 youth were living on 47,200 Hispanic operated farms. ^{7,8}			
Injuries/Fatalities	 During 2003, there were 630 agricultural injuries to youth under 20 years of age on a racial minority (excluding Hispanic) operated farm. An additional 540 agricultural-related injuries occurred to youth on Hispanic operated farms.^{7,8} Between 1995 and 2002, there were 81 minority youth fatalities and 77 Hispanic youth fatalities.^{7,8} 			

Roadmap for Preventing Childhood Agricultural Injuries

- National Committee for Childhood Agricultural Injury Prevention. Children and Agriculture: Opportunities for Safety and Health: A National Action Plan (1996). http://www.marshfieldclinic.org/nfmc/pages/default.aspx?page=nfmc_reports_action_plan
- Migrant and Seasonal Hired Adolescent Farmworkers: A Plan to Improve Working Conditions (2001).
 http://www.marshfieldclinic.org/nfmc/pages/default.aspx?page=nccrahs adol farmworkers.
- Childhood Agricultural Injury Prevention: Progress Report and Updated National Action Plan from the 2001 Summit (2002). http://www.marshfieldclinic.org/nfmc/Pages/Proxy.aspx?Content=MCRF-Centers-NFMC-nccrahs-reports-summitreport.1.pdf.

Childhood Agricultural Fatality Investigation Reports

• NIOSH Childhood Agricultural Injury Prevention Initiative. *Childhood Agricultural Fatality Investigation Reports*. http://www.cdc.gov/niosh/childag/ChildAgFACErpts.html.

References

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- 2. NIOSH. Internal analysis of the CAIS database. Morgantown, WV: National Institute for Occupational Safety and Health, 2007.
- 3. National Institute for Occupational Health and Safety (2004) *Injuries Among Youth on Farms -2001*. Available at: http://www.cdc.gov/niosh/docs/2004-172/.
- 4. National Safety Council (2008). Injury Facts 2008 Edition. Available by contacting National Safety Council at 1-800-621-7619 or www.nsc.org.
- 5. National Institute for Occupational Health and Safety (2007) *Injuries to Youth US Farm Operations -2004*. Available at: http://www.cdc.gov/niosh/docs/2007-161/.
- 6. USDA-National Agricultural Statistics Service (2004). 2001 Childhood Agricultural-Related Injuries. Available at http://jan.mannlib.cornell.edu/reports/nassr/other/injury/injr0104.pdf.
- 7. National Institute for Occupational Health and Safety (2007) *Injuries to Youth on Hispanic Operated Farms 2003*. Available at: http://www.cdc.gov/niosh/docs/2007-162/.
- 8. National Institute for Occupational Health and Safety (2007) *Injuries to Youth on Racial Minority Operated Farms 2003*. Available at: http://www.cdc.gov/niosh/docs/2007-163/.

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