

Safe Farm

Promoting Agricultural Health & Safety

Did you know?

The top three causes of 1990 farm-related injuries in Iowa were machinery (32 percent of all injuries), animals (17 percent), and slips and falls (11 percent). However, the severity of these injuries differs. Only 14 percent of the injuries caused by animals resulted in hospitalization; 19 percent of injuries caused by falls and 26 percent of injuries caused by machinery resulted in a hospital stay.

Acute chemical injury accounted for only 2 percent of the total reported agricultural injuries in 1990. Real concern about chemicals is long-term exposure.

Farm machinery, including tractors, was the number one killer on Iowa farms with 37 deaths reported.

Youths age 19 and younger made up 20 percent of the total number of farm-related injuries.

1990 Iowa Farm Injury and Fatality Data by County

Co. No.	County	Hospitalized	Not hospitalized	Total injuries	Work related	Leisure related	Total fatalities	Hospitalized fatalities	Non-hospitalized fatalities
01	Adair	1	11	12	12	0	0	0	0
02	Adams	2	29	31	25	6	0	0	0
03	Allamakee	4	16	20	17	3	1	0	1
04	Appanoose	1	3	4	4	0	2	0	2
05	Audubon	2	5	7	7	0	0	0	0
06	Benton	6	13	19	16	3	1	0	1
07	Black Hawk	1	7	8	7	1	2	0	2
08	Boone	1	9	10	10	0	0	0	0
09	Bremer	6	23	29	25	4	0	0	0
10	Buchanan	6	34	40	32	8	0	0	0
11	Buena Vista	3	14	17	17	0	0	0	0
12	Butler	8	21	29	25	4	0	0	0
13	Calhoun	2	16	18	17	1	0	0	0
14	Carroll	5	21	26	23	3	0	0	0
15	Cass	7	35	42	39	3	2	1	1
16	Cedar	3	15	18	17	1	0	0	0
17	Cerro Gordo	8	5	13	12	1	0	0	0
18	Cherokee	2	5	7	7	0	3	1	2
19	Chickasaw	2	15	17	15	2	1	0	1
20	Clarke	2	4	6	5	1	2	0	2
21	Clay	2	11	13	11	2	0	0	0
22	Clayton	7	7	14	14	0	1	0	1
23	Clinton	5	22	27	24	3	1	1	0
24	Crawford	14	75	89	67	20	2	0	2
25	Dallas	2	2	4	4	0	0	0	0
26	Davis	3	11	14	13	1	2	1	1
27	Decatur	3	15	18	18	0	0	0	0
28	Delaware	10	34	44	44	0	2	0	2
29	Des Moines	0	6	6	5	1	1	0	1
30	Dickinson	3	12	15	14	1	1	0	1
31	Dubuque	11	67	78	70	8	2	0	2
32	Emmett	4	17	21	19	2	0	0	0
33	Fayette	13	28	41	37	4	2	0	2
34	Floyd	2	16	18	14	4	0	0	0
35	Franklin	6	7	13	13	0	0	0	0
36	Fremont	1	10	11	9	2	0	0	0
37	Greene	2	34	36	33	3	0	0	0
38	Grundy	2	15	17	16	1	0	0	0
39	Guthrie	0	13	13	12	1	0	0	0
40	Hamilton	0	3	3	2	1	0	0	0
41	Hancock	5	29	34	29	5	1	0	1
42	Hardin	3	19	22	20	2	0	0	0
43	Harrison	4	3	7	7	0	1	0	1
44	Henry	1	17	18	18	0	0	0	0
45	Howard	1	4	5	4	1	0	0	0
46	Humboldt	1	3	4	4	0	1	0	1
47	Ida	1	5	6	5	1	1	0	1
48	Iowa	7	36	43	38	5	2	0	2

Co. No.	County	Hospitalized	Not hospitalized	Total injuries	Work related	Leisure related	Total fatalities	Hospitalized fatalities	Non-hospitalized fatalities
49	Jackson	7	28	35	34	1	2	0	2
50	Jasper	5	31	36	29	6	0	0	0
51	Jefferson	2	17	19	16	3	0	0	0
52	Johnson	2	42	44	40	4	1	0	1
53	Jones	3	34	37	37	0	1	0	1
54	Keokuk	10	29	39	33	6	0	0	0
55	Kossuth	7	20	27	25	2	2	0	2
56	Lee	2	20	22	17	5	0	0	0
57	Linn	6	13	19	17	1	1	0	1
58	Louisa	2	3	5	5	0	0	0	0
59	Lucas	0	2	2	2	0	0	0	0
60	Lyon	4	20	24	24	0	1	0	1
61	Madison	4	3	7	5	2	0	0	0
62	Mahaska	4	11	15	13	2	1	0	1
63	Marion	1	7	8	8	0	3	0	3
64	Marshall	1	11	12	12	0	1	0	1
65	Mills	1	6	7	6	1	0	0	0
66	Mitchell	NA	NA	NA	NA	NA	NA	NA	NA
67	Monona	5	4	9	8	1	2	1	1
68	Monroe	10	20	30	26	3	1	0	1
69	Montgomery	1	15	16	16	0	0	0	0
70	Muscatine	2	8	10	9	1	0	0	0
71	O'Brien	6	36	42	39	3	0	0	0
72	Osceola	1	13	14	13	1	1	0	1
73	Page	0	21	21	14	7	0	0	0
74	Palo Alto	7	14	21	20	1	1	0	1
75	Plymouth	3	15	18	14	4	2	0	2
76	Pocahontas	3	15	18	15	3	2	0	2
77	Polk	3	1	4	3	0	1	0	1
78	Pottawattamie	2	23	25	17	8	4	0	4
79	Poweshiek	10	75	85	63	22	0	0	0
80	Ringgold	4	27	31	22	8	2	0	2
81	Sac	5	21	26	24	2	0	0	0
82	Scott	0	3	3	3	0	0	0	0
83	Shelby	6	37	43	38	4	3	1	2
84	Sioux	9	80	89	69	19	1	0	1
85	Story	2	17	19	18	1	0	0	0
86	Tama	3	14	17	14	3	1	0	1
87	Taylor	1	12	13	9	4	0	0	0
88	Union	5	7	12	11	1	0	0	0
89	Van Buren	3	31	34	29	5	2	0	2
90	Wapello	0	27	27	24	3	0	0	0
91	Warren	0	13	13	10	3	1	0	1
92	Washington	5	33	38	34	3	1	0	1
93	Wayne	3	12	15	13	2	0	0	0
94	Webster	0	2	2	2	0	0	0	0
95	Winnebago	3	7	10	9	1	0	0	0
96	Winneshiek	10	45	55	39	16	5	1	4
97	Woodbury	2	3	5	5	0	3	0	3
98	Worth	2	2	4	3	1	1	0	1
99	Wright	6	3	9	8	1	2	1	1
TOTALS		368	1,775	2,143	1,860	273	83	8	75

For more information

Contact your Iowa State University Extension office for printed materials, displays, and other educational resources to learn about farm safety or to teach others about farm safety. A number of publications in the Safe Farm series also are available. Titles in this series include various aspects of farm safety:

Extra riders mean extra dangers, Pm-1518c

Know laws about youth farm workers, Pm-1518f

Lend an ear to hearing protection, Pm-1518j

Manure storage poses invisible risks, Pm-1518k

Evaluate equipment for dangers, Pm-1265c

Use tractors with ROPS to save lives, Pm-1265d

Cover up with coveralls and aprons, Pm-1563a

Keep gloves handy for pesticide work, Pm-1518e



Safe Farm is an Iowa State University Extension project helping to make Iowa farms a safer place to work and live.

Based on information from the Iowa Department of Public Health, Sentinel Project Researching Agricultural Injury Notification Systems (SPRAINS). Prepared by Charles Schwab, extension safety specialist, and Laura Miller, extension communications. Design by Valerie King.

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