

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999**

Iowa

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>All Industries including State and local government<sup>7</sup></b>		1,411.7	8.5	3.9	2.1	4.6	7.5	3.4	2.0	4.1
<b>Private Industry<sup>7</sup></b>		1,211.9	8.7	4.1	2.1	4.6	7.6	3.6	2.0	4.0
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		18.3	7.4	3.2	2.5	4.2	7.1	3.2	2.5	4.0
Agricultural services	07	8.8	7.6	3.0	2.0	4.6	7.2	3.0	2.0	4.2
<b>Construction</b>		65.0	9.9	5.2	4.3	4.7	9.7	5.0	4.1	4.7
General building contractors	15	16.2	9.0	4.3	3.3	4.7	8.7	4.0	2.9	4.7
Residential building construction	152	8.0	7.3	3.7	3.0	3.7	7.3	3.7	3.0	3.7
Heavy construction, except building	16	9.4	11.9	6.0	4.6	5.9	11.7	5.9	4.6	5.8
Special trade contractors	17	39.4	9.7	5.2	4.5	4.5	9.5	5.2	4.5	4.4
Electrical work	173	7.1	9.8	3.5	3.4	6.3	9.6	3.5	3.4	6.1
Masonry, stonework, and plastering	174	4.6	8.4	4.3	3.8	4.1	8.2	4.2	3.8	4.0
Miscellaneous special trade contractors	179	5.4	7.5	4.5	4.2	3.0	7.5	4.5	4.2	3.0
<b>Manufacturing</b>		260.8	15.1	7.4	2.7	7.7	11.7	5.6	2.4	6.1
Durable goods		153.8	13.6	5.7	2.5	8.0	11.9	4.9	2.3	7.0
Lumber and wood products	24	13.6	18.6	4.1	3.3	14.5	16.8	3.7	3.2	13.1
Furniture and fixtures	25	6.6	13.1	4.3	1.3	8.9	13.0	4.1	1.2	8.9
Stone, clay, and glass products	32	7.8	9.8	4.4	2.9	5.5	8.8	3.9	2.7	4.9
Concrete, gypsum, and plaster products	327	5.1	11.0	4.8	3.6	6.3	10.9	4.7	3.6	6.2
Primary metal industries	33	8.5	17.0	6.5	2.8	10.5	15.9	6.1	2.6	9.8
Fabricated metal products	34	20.7	17.4	8.1	4.0	9.3	15.9	7.6	3.8	8.3
Fabricated structural metal products	344	7.0	19.8	10.8	3.2	9.0	19.7	10.7	3.1	9.0
Industrial machinery and equipment	35	43.6	12.2	5.1	2.0	7.0	10.9	4.5	1.7	6.4
Construction and related machinery	353	12.1	14.4	6.6	2.7	7.7	13.0	5.8	2.2	7.2
Construction machinery	3531	10.1	13.6	6.0	2.4	7.6	12.4	5.3	2.0	7.1
Metalworking machinery	354	3.8	12.4	4.0	2.4	8.5	10.4	3.0	1.9	7.4
Refrigeration and service machinery	358	4.8	16.9	6.1	1.7	10.8	15.5	5.5	1.3	10.0
Industrial machinery, n.e.c.	359	5.4	16.2	6.1	2.9	10.1	14.7	5.4	2.7	9.3
Electronic and other electric equipment	36	18.2	9.0	4.5	1.3	4.5	6.0	2.7	1.0	3.3
Transportation equipment	37	17.4	20.3	9.2	3.7	11.1	16.8	7.8	3.4	9.0
Motor vehicles and equipment	371	13.7	22.4	9.8	3.8	12.6	18.3	8.1	3.5	10.2
Motor vehicle parts and accessories	3714	7.0	19.9	10.5	4.0	9.5	16.3	7.9	3.5	8.4
Miscellaneous manufacturing industries	39	4.9	5.7	2.0	1.1	3.6	5.1	1.7	0.9	3.3
Nondurable goods		107.0	17.2	9.9	3.0	7.3	11.4	6.7	2.6	4.7
Food and kindred products	20	50.9	22.7	13.0	3.2	9.7	12.8	7.6	2.7	5.2
Meat products	201	25.9	33.4	19.1	3.2	14.2	15.9	9.6	2.4	6.2
Meat packing plants	2011	18.5	40.6	23.6	3.3	17.1	17.2	11.0	2.4	6.2
Sausages and other prepared meats	2013	4.5	16.4	8.6	3.8	7.7	13.8	6.9	3.4	6.9
Poultry slaughtering and processing	2015	2.9	11.7	6.1	1.3	5.6	10.4	5.1	1.2	5.3
Dairy products	202	4.3	14.1	8.7	3.8	5.5	10.8	6.5	3.2	4.3
Grain mill products	204	9.7	8.3	3.5	2.3	4.8	7.9	3.5	2.2	4.4
Apparel and other textile products	23	4.0	17.7	4.8	3.4	12.9	11.0	3.7	2.7	7.3
Paper and allied products	26	6.3	7.8	5.0	2.3	2.8	7.2	4.6	2.1	2.6

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued**

Iowa

Industry <sup>2</sup>	SIC code <sup>3</sup>	1999 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Paperboard containers and boxes	265	3.2	7.8	4.5	2.4	3.2	7.4	4.3	2.4	3.1
Printing and publishing	27	20.7	6.7	3.5	1.8	3.3	5.5	2.7	1.5	2.7
Newspapers	271	6.9	5.8	2.7	1.4	3.1	4.9	2.1	1.2	2.8
Commercial printing	275	6.9	9.6	5.0	2.1	4.5	8.1	4.1	1.8	4.1
Chemicals and allied products	28	7.4	5.3	3.5	1.4	1.8	4.0	2.4	0.9	1.6
Rubber and miscellaneous plastics products	30	15.7	19.8	12.6	4.8	7.2	18.3	11.5	4.3	6.8
Miscellaneous plastics products, n.e.c.	308	10.2	21.0	14.6	6.1	6.4	19.7	13.4	5.4	6.3
Plastics products, n.e.c.	3089	6.4	19.8	13.1	4.1	6.7	18.7	12.2	3.6	6.5
<b>Transportation and public utilities<sup>8</sup></b>		68.5	8.9	4.9	2.6	4.0	8.4	4.7	2.5	3.8
Railroad transportation <sup>8</sup>	40	--	4.3	3.4	2.7	0.9	4.2	3.4	2.7	0.9
Trucking and warehousing	42	31.8	12.3	7.0	3.3	5.3	11.8	6.7	3.2	5.0
Trucking and courier services, except air	421	28.8	12.2	6.9	3.2	5.3	11.7	6.6	3.0	5.0
Communications	48	15.0	1.5	0.7	0.6	0.8	1.4	0.7	0.6	0.7
Electric, gas, and sanitary services	49	9.5	7.5	3.2	2.4	4.3	6.5	3.2	2.4	3.3
<b>Wholesale and retail trade</b>		357.2	7.2	3.0	1.9	4.2	7.0	2.8	1.8	4.2
Wholesale trade		85.5	8.2	3.9	2.4	4.3	7.8	3.6	2.2	4.2
Wholesale trade--durable goods	50	40.3	9.3	3.9	2.5	5.4	9.1	3.7	2.3	5.4
Wholesale trade--nondurable goods	51	45.2	7.2	3.8	2.3	3.4	6.8	3.6	2.2	3.2
Farm-product raw materials	515	8.9	7.2	3.4	2.8	3.8	7.0	3.2	2.6	3.8
Miscellaneous nondurable goods	519	18.0	5.4	2.1	1.4	3.4	5.1	2.0	1.3	3.1
Retail trade		271.7	6.8	2.6	1.6	4.2	6.7	2.5	1.5	4.1
Building materials and garden supplies	52	14.1	8.0	4.2	2.9	3.7	7.9	4.1	2.9	3.7
Lumber and other building materials	521	8.5	9.4	6.0	4.0	3.4	9.3	5.9	3.9	3.4
General merchandise stores	53	34.6	10.5	4.9	1.8	5.6	10.3	4.8	1.6	5.6
Department stores	531	30.4	11.1	5.2	1.8	5.8	10.9	5.0	1.6	5.8
Food stores	54	44.4	7.6	2.7	2.1	4.9	7.5	2.7	2.1	4.8
Automotive dealers and service stations	55	38.0	6.4	2.2	1.9	4.2	6.3	2.1	1.8	4.2
New and used car dealers	551	13.5	7.5	2.1	1.8	5.4	7.5	2.1	1.8	5.4
Gasoline service stations	554	17.7	5.9	2.3	2.0	3.6	5.7	2.1	1.8	3.6
Apparel and accessory stores	56	10.1	2.4	1.4	0.7	1.0	2.4	1.4	0.7	1.0
Furniture and homefurnishings stores	57	11.4	3.0	1.4	0.9	1.6	3.0	1.4	0.9	1.6
Eating and drinking places	58	90.0	7.0	2.0	1.4	4.9	6.9	1.9	1.3	4.9
Miscellaneous retail	59	29.0	4.1	2.0	1.0	2.1	3.8	1.8	0.9	2.0
<b>Finance, insurance, and real estate</b>		84.7	1.3	0.4	0.3	0.9	1.1	0.4	0.3	0.7
Insurance carriers	63	26.4	1.3	0.3	0.2	0.9	0.8	0.2	0.2	0.6
<b>Services</b>		355.4	5.8	2.8	1.6	3.0	5.5	2.6	1.6	2.8
Hotels and other lodging places	70	13.9	10.7	3.9	2.7	6.8	10.5	3.9	2.7	6.6
Personal services	72	13.1	3.2	1.3	0.6	1.9	3.0	1.2	0.5	1.9
Business services	73	77.8	2.7	1.2	0.8	1.5	2.4	1.0	0.7	1.4
Auto repair, services, and parking	75	12.2	7.8	4.1	2.8	3.7	7.1	3.5	2.6	3.6

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued**

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			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
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Amusement and recreation services	79	23.7	8.8	4.8	2.5	4.0	8.7	4.7	2.5	3.9
Health services	80	114.9	7.9	4.1	2.3	3.9	7.4	3.8	2.3	3.5
Nursing and personal care facilities	805	36.2	12.8	7.8	5.2	5.0	12.5	7.7	5.1	4.8
Hospitals	806	39.0	8.6	4.3	2.0	4.3	7.3	3.7	1.9	3.6
Educational services	82	18.7	2.3	1.0	0.7	1.3	2.1	0.9	0.7	1.2
Social services	83	34.7	8.1	3.8	1.7	4.3	8.1	3.8	1.7	4.3
Membership organizations	86	10.7	3.0	1.1	0.7	1.9	2.6	0.8	0.5	1.8
Engineering and management services	87	18.3	1.9	0.5	0.3	1.4	1.8	0.5	0.3	1.3
<b>State and local government</b>		199.8	7.5	2.6	2.1	4.9	7.1	2.5	1.9	4.6
<b>State government</b>		47.6	7.4	2.3	2.1	5.1	6.7	2.2	2.0	4.5
<b>Services</b>		28.5	7.9	2.0	1.9	5.9	7.1	1.9	1.8	5.2
<b>Local government</b>		152.2	7.6	2.8	2.0	4.8	7.3	2.7	1.9	4.7
<b>Services</b>		102.2	5.6	1.8	1.3	3.8	5.5	1.8	1.2	3.7
Educational services	82	87.8	5.0	1.5	1.1	3.5	4.9	1.4	1.0	3.5
<b>Public administration</b>		--	--	--	--	--	--	--	--	--
Executive, legislative, and general Administration of human resources	91 94	40.8 4.5	12.5 1.9	5.1 0.6	3.9 0.6	7.4 1.3	12.0 1.9	4.9 0.6	3.6 0.6	7.1 1.2

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses  
 EH = total hours worked by all employees during the calendar year  
 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>4</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Covered Employment and Wages program.

<sup>5</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>6</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>7</sup> Excludes farms with fewer than 11 employees.

<sup>8</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>9</sup> Incidence rate less than 0.05.

NOTE: Because of rounding, components may not add to totals.  
 n.e.c. = not elsewhere classified.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.