

TABLE 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1997

Iowa

Industry ²	SIC code ³	1997 Annual average employment ⁴ (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 ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
All industries including State and local government⁷		1,347.8	9.3	4.1	2.3	5.2	8.1	3.5	2.2	4.7
Private industry⁷		1,152.4	9.8	4.4	2.4	5.4	8.5	3.7	2.3	4.8
Agriculture, forestry, and fishing⁷		15.6	6.9	2.2	1.9	4.6	6.6	2.1	1.9	4.5
Agricultural services	07	7.9	5.5	1.6	1.5	4.0	5.4	1.6	1.5	3.9
Construction		60.0	11.2	4.9	4.1	6.3	11.1	4.8	4.1	6.2
General building contractors	15	15.0	12.0	5.5	3.7	6.5	11.7	5.3	3.7	6.5
Residential building construction	152	7.3	8.8	4.3	2.5	4.5	8.1	3.7	2.4	4.4
Nonresidential building construction	154	7.7	15.0	6.7	4.8	8.3	15.0	6.7	4.8	8.3
Heavy construction, except building	16	8.9	11.1	6.4	6.2	4.7	10.8	6.4	6.2	4.5
Highway and street construction	161	4.0	11.9	5.8	5.5	6.2	11.6	5.8	5.5	5.9
Heavy construction, except highway	162	4.9	10.3	7.0	6.9	3.4	10.1	6.9	6.9	3.2
Special trade contractors	17	36.0	10.9	4.3	3.7	6.6	10.8	4.3	3.6	6.6
Plumbing, heating, air-conditioning	171	10.0	11.2	3.4	2.7	7.8	11.1	3.3	2.6	7.8
Electrical work	173	6.2	9.2	2.9	2.0	6.3	9.2	2.8	2.0	6.3
Masonry, stonework, and plastering	174	4.0	15.0	7.7	7.5	7.3	14.8	7.5	7.3	7.3
Miscellaneous special trade contractors	179	4.8	12.5	5.0	3.8	7.4	12.3	5.0	3.8	7.3
Manufacturing		253.2	16.1	7.5	2.6	8.5	11.9	5.1	2.2	6.8
Durable goods		148.3	14.9	6.0	2.8	8.9	12.8	5.0	2.5	7.8
Lumber and wood products	24	11.6	22.3	11.2	6.3	11.1	20.4	10.3	6.1	10.2
Furniture and fixtures	25	6.1	10.1	2.4	1.7	7.6	8.9	2.0	1.6	6.9
Stone, clay, and glass products	32	7.0	8.0	4.3	2.9	3.8	7.7	4.1	2.8	3.7
Primary metal industries	33	8.9	17.2	8.2	3.8	8.9	16.5	7.9	3.7	8.6
Industrial machinery and equipment	35	45.4	15.2	5.1	2.4	10.1	14.0	4.7	2.3	9.3
Farm and garden machinery	352	12.5	15.7	5.6	1.2	10.1	14.7	5.2	1.1	9.6
Construction and related machinery	353	11.7	11.8	4.2	1.8	7.7	10.7	3.7	1.7	7.0
Construction machinery	3531	9.4	10.9	3.5	1.4	7.4	9.7	3.1	1.3	6.7
Metalworking machinery	354	3.8	11.5	3.2	1.6	8.3	10.0	2.9	1.4	7.1
Industrial machinery, n.e.c.	359	5.8	17.1	7.8	3.7	9.3	16.4	7.1	3.5	9.3
Electronic and other electric equipment	36	26.9	11.8	5.6	2.2	6.2	7.6	3.4	1.7	4.1
Transportation equipment	37	16.0	16.6	5.9	2.9	10.6	13.5	4.6	2.3	8.9
Motor vehicles and equipment	371	12.5	15.7	5.0	2.9	10.7	12.9	3.8	2.3	9.1
Miscellaneous manufacturing industries	39	4.8	13.3	4.3	1.5	9.1	10.0	2.6	1.0	7.5
Nondurable goods		104.9	17.8	9.8	2.2	8.0	10.5	5.2	1.8	5.3
Food and kindred products	20	48.9	26.5	16.4	2.8	10.1	13.0	7.5	2.2	5.5
Meat products	201	24.7	43.3	27.7	3.7	15.6	17.2	10.3	2.7	6.9
Meat packing plants	2011	17.6	51.3	33.1	3.2	18.3	18.2	10.9	2.1	7.3
Poultry slaughtering and processing	2015	2.6	11.6	6.3	2.8	5.4	8.7	4.7	2.5	4.1
Dairy products	202	3.9	9.2	6.1	2.9	3.2	7.5	4.8	2.4	2.7
Grain mill products	204	9.2	8.3	3.0	1.5	5.3	7.5	2.6	1.3	4.9
Prepared feeds, n.e.c.	2048	3.0	7.3	2.7	1.7	4.7	6.8	2.3	1.6	4.5
Apparel and other textile products	23	4.3	11.0	4.8	1.1	6.2	5.8	2.4	.5	3.4
Paper and allied products	26	5.9	6.5	3.5	1.2	3.0	5.3	2.6	.8	2.7
Printing and publishing	27	20.7	9.1	2.6	1.7	6.4	8.0	2.3	1.6	5.7
Newspapers	271	6.8	7.9	2.1	1.4	5.8	7.3	1.7	1.2	5.5
Commercial printing	275	7.1	10.5	3.1	2.0	7.3	8.2	2.6	1.8	5.6

See footnotes at end of table.

TABLE 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1997— Continued

Iowa

Industry ²	SIC code ³	1997 Annual average employment ⁴ (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 ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Chemicals and allied products	28	7.4	4.7	2.4	1.4	2.3	3.9	2.0	1.3	1.9
Rubber and miscellaneous plastics products	30	15.7	13.4	5.5	2.0	8.0	11.7	4.6	1.8	7.1
Miscellaneous plastics products, n.e.c.	308	9.5	15.7	6.2	2.1	9.5	13.5	5.0	1.8	8.5
Plastics products, n.e.c.	3089	5.7	20.9	7.5	1.9	13.4	17.8	5.9	1.6	12.0
Transportation and public utilities⁸		61.8	8.8	4.3	3.3	4.5	8.6	4.2	3.3	4.4
Railroad transportation ⁸	40	—	3.9	2.8	2.0	1.1	3.9	2.8	2.0	1.1
Communications	48	13.3	2.1	1.0	.8	1.0	1.7	.8	.8	.9
Electric, gas, and sanitary services	49	9.3	5.5	2.1	1.0	3.4	5.2	2.0	1.0	3.2
Wholesale and retail trade		345.9	8.2	3.5	2.5	4.7	8.0	3.4	2.5	4.6
Wholesale trade		84.7	7.7	3.8	2.7	3.9	7.3	3.6	2.6	3.7
Wholesale trade—durable goods	50	39.7	7.0	3.3	2.7	3.7	7.0	3.3	2.7	3.7
Miscellaneous nondurable goods	519	18.0	6.2	3.3	3.0	3.0	6.1	3.2	2.9	2.9
Retail trade		261.2	8.4	3.4	2.5	5.0	8.3	3.3	2.4	5.0
Building materials and garden supplies	52	13.4	7.8	3.4	2.4	4.4	7.6	3.3	2.3	4.4
Lumber and other building materials	521	7.8	9.6	4.6	3.0	5.0	9.4	4.4	3.0	5.0
General merchandise stores	53	32.2	8.6	4.7	1.9	3.9	8.4	4.6	1.9	3.8
Department stores	531	28.3	8.6	4.6	1.7	4.1	8.4	4.4	1.7	4.0
Food stores	54	43.6	9.9	4.1	3.5	5.8	9.8	4.0	3.4	5.8
Automotive dealers and service stations	55	35.3	7.5	2.9	2.5	4.6	7.4	2.8	2.5	4.5
New and used car dealers	551	13.0	8.7	3.1	2.8	5.6	8.6	3.1	2.8	5.5
Gasoline service stations	554	16.2	6.6	2.5	2.1	4.0	6.5	2.5	2.1	4.0
Apparel and accessory stores	56	10.6	3.1	2.2	1.3	.9	3.1	2.2	1.3	.9
Furniture and homefurnishings stores	57	10.3	5.7	3.0	1.6	2.7	5.7	3.0	1.6	2.7
Eating and drinking places	58	87.5	11.7	3.5	3.1	8.3	11.7	3.5	3.1	8.2
Miscellaneous retail	59	28.3	3.9	2.1	.9	1.8	3.8	1.9	.9	1.8
Finance, insurance, and real estate		79.5	1.9	.5	.3	1.3	1.5	.4	.3	1.1
Insurance carriers	63	26.4	2.2	.8	.3	1.4	1.4	.5	.2	.9
Services		334.2	7.5	3.3	2.1	4.2	7.1	3.1	2.1	4.0
Hotels and other lodging places	70	13.2	10.3	2.5	2.0	7.9	9.9	2.5	2.0	7.5
Personal services	72	13.0	4.1	1.6	1.0	2.5	3.9	1.6	1.0	2.3
Business services	73	70.4	5.3	2.9	2.1	2.4	4.7	2.5	2.1	2.2
Auto repair, services, and parking	75	11.0	9.7	3.6	3.2	6.0	9.7	3.6	3.2	6.0
Amusement and recreation services	79	22.8	8.8	4.1	2.5	4.7	8.8	4.1	2.4	4.7
Health services	80	111.8	9.9	4.3	2.5	5.5	9.5	4.2	2.5	5.3
Nursing and personal care facilities	805	35.7	15.6	7.3	5.2	8.3	15.4	7.2	5.2	8.2
Hospitals	806	37.7	11.0	5.0	1.8	6.1	10.2	4.7	1.7	5.5
Educational services	82	18.3	3.7	1.3	.6	2.4	3.6	1.2	.6	2.3
Membership organizations	86	10.2	3.0	.8	.7	2.2	3.0	.8	.7	2.2
Engineering and management services	87	16.2	3.4	1.1	.8	2.3	3.2	1.1	.8	2.1

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				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
State and local government		195.4	6.1	2.1	1.7	4.0	5.7	2.0	1.7	3.7
Local government		148.6	6.1	2.2	1.8	3.9	5.8	2.1	1.7	3.7
Services		99.7	4.4	1.8	1.6	2.7	4.4	1.7	1.5	2.6
Educational services	82	85.3	3.6	1.3	1.3	2.3	3.5	1.3	1.3	2.2
Public administration		46.6	8.5	2.6	1.9	5.9	7.9	2.6	1.9	5.3
Executive, legislative, and general	91	40.0	9.3	2.8	2.1	6.5	8.6	2.8	2.1	5.7
Administration of human resources	94	4.5	3.8	1.4	1.2	2.4	3.8	1.4	1.2	2.4

¹ The 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).

² Totals include data for industries not shown separately.

³ *Standard Industrial Classification Manual*, 1987 Edition.

⁴ Employment is expressed as an annual average and is derived primarily from the BLS-State Covered Employment and Wages program. Employment in private households (SIC 88) is excluded.

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

⁶ Days-away-from-work cases include those which result in days away from

work with or without restricted work activity.

⁷ Excludes farms with fewer than 11 employees.

⁸ 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.

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