

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998

Wisconsin

Industry ²	SIC code ³	1998 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		2,596.5	9.3	4.2	2.7	5.0	8.4	3.9	2.5	4.5
Private Industry⁷		2,281.1	9.5	4.4	2.7	5.1	8.5	4.0	2.5	4.5
Agriculture, forestry, and fishing⁷		25.9	10.5	3.8	3.1	6.8	10.2	3.6	3.0	6.6
Agricultural production ⁷	01-02	10.9	12.8	4.6	3.8	8.2	12.2	4.3	3.5	7.9
Agricultural services	07	14.4	8.5	3.3	2.6	5.2	8.3	3.3	2.6	5.1
Construction		112.9	15.0	6.6	5.9	8.4	14.7	6.4	5.8	8.2
General building contractors	15	28.3	15.3	7.0	6.0	8.3	15.1	6.8	5.8	8.3
Residential building construction	152	12.8	16.7	6.6	5.4	10.1	16.5	6.5	5.2	10.0
Nonresidential building construction	154	15.3	14.3	7.3	6.5	7.1	14.2	7.2	6.4	7.0
Heavy construction, except building	16	12.1	15.6	7.4	6.8	8.3	15.2	7.2	6.6	8.0
Highway and street construction	161	4.2	17.7	7.1	7.0	10.6	17.2	6.9	6.7	10.3
Heavy construction, except highway	162	7.9	14.6	7.5	6.7	7.0	14.1	7.3	6.5	6.8
Special trade contractors	17	72.5	14.7	6.2	5.7	8.5	14.4	6.2	5.6	8.3
Plumbing, heating, air-conditioning	171	18.9	16.3	4.3	3.8	12.1	16.1	4.2	3.8	11.9
Electrical work	173	13.4	13.0	4.7	4.1	8.3	12.8	4.6	4.0	8.2
Masonry, stonework, and plastering	174	8.9	17.8	10.8	10.1	7.0	17.3	10.6	10.0	6.6
Carpentry and floor work	175	5.9	13.9	6.3	6.1	7.6	13.6	6.3	6.1	7.3
Roofing, siding, and sheet metal work	176	5.4	13.5	7.3	7.0	6.3	13.5	7.2	6.9	6.3
Miscellaneous special trade contractors	179	10.1	13.7	6.4	5.8	7.3	13.0	6.3	5.7	6.7
Manufacturing		619.2	13.8	6.7	3.4	7.1	12.0	5.8	3.0	6.2
Durable goods		380.1	15.6	7.2	3.7	8.4	13.5	6.3	3.3	7.2
Lumber and wood products	24	31.7	20.0	10.3	6.1	9.7	18.6	9.6	5.8	9.1
Sawmills and planing mills	242	4.8	19.4	11.0	8.7	8.5	19.0	10.7	8.6	8.3
Millwork, plywood and structural members	243	17.9	18.8	9.1	4.2	9.7	17.0	8.1	3.8	8.8
Millwork	2431	11.9	19.7	9.9	4.0	9.8	18.0	9.1	3.6	8.9
Furniture and fixtures	25	17.8	17.7	9.5	4.8	8.2	15.5	8.1	3.9	7.4
Household furniture	251	5.9	12.0	5.7	4.1	6.2	10.0	4.6	3.3	5.4
Stone, clay, and glass products	32	10.9	16.3	8.4	5.4	7.9	15.7	8.0	5.2	7.6
Concrete, gypsum, and plaster products	327	5.0	17.6	10.2	6.7	7.4	17.2	10.0	6.5	7.2
Primary metal industries	33	25.6	26.6	12.6	6.6	14.0	24.7	11.7	6.3	13.0
Iron and steel foundries	332	13.7	31.6	13.6	7.0	18.0	29.3	12.7	6.7	16.6
Gray and ductile iron foundries	3321	8.8	36.6	14.9	7.9	21.8	34.1	13.7	7.5	20.4
Nonferrous foundries (castings)	336	7.8	21.1	12.5	6.8	8.5	19.6	11.5	6.4	8.1
Fabricated metal products	34	69.0	19.2	8.6	4.0	10.6	16.2	7.6	3.6	8.6
Cutlery, handtools, and hardware	342	7.0	15.5	7.8	3.6	7.7	11.8	5.7	3.0	6.2
Fabricated structural metal products	344	15.2	18.9	9.6	4.9	9.4	17.1	8.4	4.4	8.7
Fabricated plate work (boiler shops)	3443	6.1	21.9	11.1	6.5	10.8	19.6	9.5	5.7	10.1
Metal forgings and stampings	346	13.8	19.4	9.4	4.1	10.0	17.1	8.3	3.6	8.8
Metal stampings, n.e.c.	3469	9.7	17.3	7.3	3.5	10.0	15.7	6.5	3.1	9.2
Miscellaneous fabricated metal products	349	13.6	15.2	7.5	4.4	7.7	13.9	6.8	4.0	7.1
Industrial machinery and equipment	35	115.4	11.7	4.7	2.6	7.0	10.4	4.2	2.3	6.3
Engines and turbines	351	12.8	16.0	5.1	3.3	10.9	12.2	3.9	2.6	8.3
Farm and garden machinery	352	10.8	9.8	4.1	2.8	5.7	9.2	3.8	2.6	5.3
Farm machinery and equipment	3523	7.2	9.5	3.6	2.6	5.9	8.8	3.5	2.5	5.4

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 -- Continued

Wisconsin

Industry ²	SIC code ³	1998 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	
Lawn and garden equipment	3524	3.6	10.6	5.1	3.1	5.5	9.8	4.6	2.8	5.2
Construction and related machinery	353	12.0	16.4	7.7	3.3	8.7	14.9	7.0	3.0	7.9
Construction machinery	3531	5.0	14.4	5.3	2.6	9.1	12.7	4.6	2.5	8.1
Metalworking machinery	354	17.4	11.9	3.7	2.2	8.2	11.3	3.4	2.0	7.9
Special dies, tools, jigs and fixtures	3544	8.1	15.2	4.5	2.6	10.6	14.9	4.3	2.4	10.6
Special industry machinery	355	14.7	9.3	3.9	2.3	5.5	8.6	3.6	2.1	5.1
Paper industries machinery	3554	8.2	8.2	3.6	2.0	4.6	7.7	3.3	1.8	4.4
General industrial machinery	356	15.4	9.0	3.4	1.6	5.7	8.2	3.0	1.4	5.2
Computer and office equipment	357	5.3	2.4	0.7	0.5	1.6	1.6	0.6	0.4	1.0
Refrigeration and service machinery	358	7.9	11.4	4.9	1.9	6.5	9.4	3.9	1.5	5.5
Refrigeration and heating equipment	3585	5.1	10.1	4.1	1.6	6.0	9.0	3.5	1.4	5.5
Industrial machinery, n.e.c.	359	19.1	13.1	6.3	3.6	6.9	12.3	5.9	3.4	6.4
Industrial machinery, n.e.c.	3599	13.7	12.9	5.9	3.4	7.0	12.2	5.6	3.2	6.6
Electronic and other electric equipment	36	46.9	11.9	5.9	2.8	5.9	8.5	4.2	2.1	4.3
Electric distribution equipment	361	6.1	11.0	4.8	2.5	6.2	8.3	3.4	1.7	5.0
Transformers, except electronic	3612	4.5	12.4	5.7	2.9	6.7	9.0	3.8	1.9	5.2
Electrical industrial apparatus	362	16.4	12.6	6.4	2.7	6.2	9.0	4.6	2.1	4.4
Household appliances	363	5.5	14.9	7.1	4.1	7.8	10.1	4.8	3.0	5.4
Electronic components and accessories	367	9.2	10.6	5.5	1.9	5.0	6.9	3.5	1.3	3.4
Transportation equipment	37	33.3	19.8	9.2	4.8	10.7	16.2	7.5	4.1	8.7
Motor vehicles and equipment	371	23.6	21.8	10.1	5.0	11.7	17.7	8.1	4.3	9.6
Instruments and related products	38	18.0	5.4	2.6	1.1	2.8	4.2	2.0	0.8	2.2
Measuring and controlling devices	382	6.2	5.9	2.5	1.1	3.4	5.0	1.9	0.9	3.0
Medical instruments and supplies	384	8.7	3.3	1.6	0.7	1.7	2.5	1.2	0.6	1.2
Miscellaneous manufacturing industries	39	11.3	11.3	5.9	3.0	5.5	9.8	5.0	2.7	4.7
Miscellaneous manufactures	399	6.9	9.4	5.4	3.5	4.1	8.7	4.9	3.3	3.8
Nondurable goods		239.1	10.9	5.9	2.7	5.1	9.5	5.0	2.4	4.5
Food and kindred products	20	65.2	13.8	8.2	3.6	5.5	11.3	6.6	3.1	4.7
Meat products	201	17.3	18.7	12.2	3.8	6.5	13.0	8.3	2.9	4.7
Meat packing plants	2011	4.0	22.9	13.4	4.5	9.5	15.8	8.3	3.5	7.6
Sausages and other prepared meats	2013	9.7	12.6	8.6	3.3	4.0	9.9	6.6	2.6	3.3
Poultry slaughtering and processing	2015	3.6	31.0	21.2	4.2	9.8	18.6	13.0	3.1	5.5
Dairy products	202	16.1	12.0	6.8	4.3	5.3	10.8	6.0	3.9	4.8
Cheese, natural and processed	2022	12.4	12.7	7.3	4.5	5.4	11.2	6.4	4.0	4.8
Preserved fruits and vegetables	203	13.6	10.7	5.7	2.4	5.0	9.6	5.1	2.2	4.5
Canned fruits and vegetables	2033	5.3	11.0	5.3	1.9	5.6	10.5	5.2	1.9	5.3
Bakery products	205	4.6	15.1	10.0	4.8	5.2	12.8	8.3	4.3	4.4
Beverages	208	5.0	8.0	4.3	2.3	3.7	7.3	4.0	2.2	3.3
Apparel and other textile products	23	6.1	10.0	4.4	2.6	5.6	7.8	3.0	1.6	4.8
Paper and allied products	26	53.1	7.6	3.6	2.0	4.0	6.9	3.4	1.9	3.5
Paper mills	262	29.3	6.4	2.8	1.5	3.7	5.6	2.6	1.4	3.0
Paperboard containers and boxes	265	9.4	6.6	3.5	1.9	3.1	6.1	3.2	1.9	2.8
Corrugated and solid fiber boxes	2653	7.2	5.0	2.8	1.3	2.3	4.7	2.6	1.3	2.1
Miscellaneous converted paper products	267	13.6	11.1	5.7	3.1	5.4	10.3	5.2	2.9	5.1
Printing and publishing	27	55.1	9.9	5.4	2.4	4.5	8.9	4.7	2.1	4.2
Newspapers	271	11.3	5.7	2.1	1.5	3.6	5.3	2.0	1.4	3.3
Commercial printing	275	30.5	12.8	7.4	3.1	5.4	11.5	6.5	2.7	5.0
Commercial printing, lithographic	2752	23.1	13.8	8.8	3.4	5.0	12.4	7.7	3.0	4.6
Chemicals and allied products	28	14.5	7.1	2.6	1.4	4.4	6.3	2.2	1.2	4.1
Rubber and miscellaneous plastics products	30	37.4	13.8	7.0	3.2	6.8	12.4	6.2	2.9	6.2

See footnotes at end of table.

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Miscellaneous plastics products, n.e.c.	308	31.6	13.7	7.3	3.2	6.4	12.3	6.4	2.9	5.9
Plastics products, n.e.c.	3089	23.9	14.1	7.8	3.4	6.4	12.6	6.8	3.0	5.8
Leather and leather products	31	4.4	13.1	8.1	4.8	5.0	10.0	5.9	3.8	4.0
Transportation and public utilities⁸		122.8	9.2	5.1	4.0	4.1	8.8	4.9	3.9	3.9
Railroad transportation ⁸	40	--	4.4	2.8	2.3	1.6	4.2	2.7	2.2	1.5
Local and interurban passenger transit	41	15.9	9.4	5.6	4.9	3.8	9.2	5.5	4.7	3.7
Trucking and warehousing	42	51.7	9.7	4.9	4.1	4.8	9.5	4.7	4.0	4.8
Trucking and courier services, except air	421	49.0	9.4	4.6	3.9	4.8	9.2	4.5	3.9	4.8
Transportation by air	45	12.8	22.0	15.4	12.9	6.6	21.0	15.0	12.6	5.9
Communications	48	18.0	3.4	1.7	1.3	1.7	2.8	1.5	1.2	1.3
Electric, gas, and sanitary services	49	16.7	8.9	4.4	2.0	4.5	8.0	4.2	1.9	3.9
Wholesale and retail trade		613.0	7.5	3.1	2.2	4.3	7.2	3.0	2.1	4.2
Wholesale trade		136.6	8.9	3.8	2.6	5.1	8.5	3.6	2.5	4.9
Wholesale trade--durable goods	50	79.4	8.2	2.9	2.2	5.3	7.9	2.8	2.2	5.1
Wholesale trade--nondurable goods	51	57.2	9.9	5.1	3.2	4.8	9.3	4.8	3.1	4.6
Retail trade		476.4	6.9	2.9	2.0	4.0	6.6	2.7	1.9	3.9
Building materials and garden supplies	52	23.6	10.4	4.9	2.3	5.5	10.2	4.8	2.3	5.4
General merchandise stores	53	62.1	8.2	4.0	2.4	4.2	8.0	3.8	2.3	4.2
Food stores	54	64.7	9.4	3.2	2.3	6.2	8.9	3.0	2.1	5.9
Grocery stores	541	56.3	10.1	3.3	2.4	6.8	9.6	3.1	2.2	6.5
Automotive dealers and service stations	55	55.7	7.6	3.0	2.4	4.6	7.5	3.0	2.4	4.6
New and used car dealers	551	23.3	10.6	4.1	3.5	6.6	10.6	4.0	3.5	6.6
Apparel and accessory stores	56	16.4	2.1	0.9	0.8	1.1	2.0	0.9	0.8	1.1
Furniture and homefurnishings stores	57	17.8	7.4	4.5	2.8	2.9	7.3	4.4	2.7	2.9
Eating and drinking places	58	166.6	5.5	1.7	1.5	3.9	5.3	1.6	1.4	3.8
Miscellaneous retail	59	69.5	5.2	2.9	1.8	2.2	4.6	2.8	1.8	1.8
Finance, insurance, and real estate		141.5	2.0	0.7	0.5	1.3	1.7	0.6	0.4	1.1
Real estate	65	19.6	4.5	2.5	2.0	1.9	4.4	2.5	2.0	1.9
Services		638.6	6.4	2.9	1.8	3.5	5.4	2.7	1.7	2.7
Hotels and other lodging places	70	29.6	8.3	3.2	2.2	5.1	8.1	3.2	2.2	4.9
Auto repair, services, and parking	75	20.4	7.7	2.5	1.9	5.2	7.5	2.5	1.9	4.9
Miscellaneous repair services	76	5.2	7.7	2.3	1.7	5.3	7.5	2.2	1.6	5.2
Health services	80	217.3	9.7	4.2	2.5	5.4	7.3	4.0	2.2	3.3
Nursing and personal care facilities	805	46.3	17.4	9.7	5.2	7.7	15.3	9.5	5.0	5.8
Hospitals	806	86.1	11.3	4.0	2.5	7.3	6.7	3.5	--	3.2
Educational services	82	19.8	2.7	1.0	0.7	1.7	2.6	0.9	0.6	1.7
State and local government		315.5	8.0	3.0	2.5	5.0	7.7	2.9	2.5	4.7

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 -- 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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State government		69.9	4.8	2.4	1.9	2.4	4.4	2.3	1.8	2.1
Services		41.9	4.9	3.0	2.4	1.9	4.7	2.9	2.4	1.8
Educational services	82	29.9	2.1	1.0	0.8	1.1	2.0	0.9	0.8	1.0
Public administration		--	--	--	--	--	--	--	--	--
Justice, public order, and safety	92	8.0	6.3	2.3	1.7	4.0	5.8	2.3	1.6	3.5
Local government		245.5	9.1	3.2	2.8	5.9	8.8	3.1	2.7	5.7
Transportation and public utilities		3.9	13.6	7.3	5.7	6.3	13.1	7.3	5.7	5.9
Services		145.7	8.7	2.1	1.9	6.6	8.5	2.1	1.8	6.4
Health services	80	4.7	16.2	8.9	4.9	7.4	15.9	8.8	4.8	7.1
Educational services	82	135.8	8.3	1.8	1.7	6.6	8.1	1.7	1.7	6.4
Public administration		93.2	9.0	4.4	3.7	4.6	8.6	4.3	3.7	4.3
Justice, public order, and safety	92	6.0	11.1	5.4	4.6	5.7	10.2	4.8	4.0	5.4

¹ 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.

⁹ 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.