

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1999

Minnesota

Industry ²	SIC code ³	1999 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		2,517.1	6.8	3.2	1.8	3.6	6.2	2.9	1.7	3.3
Private Industry⁷		2,210.0	6.9	3.3	1.9	3.6	6.3	3.0	1.7	3.3
Agriculture, forestry, and fishing⁷		25.3	10.7	5.6	3.9	5.1	10.4	5.5	3.8	4.9
Agricultural production ⁷	01-02	12.0	14.6	7.3	4.0	7.3	14.1	7.0	3.8	7.2
Agricultural production - livestock ⁷	02	6.6	15.4	7.7	4.7	7.6	14.9	7.3	4.4	7.6
Agricultural services	07	13.1	8.4	4.7	3.9	3.8	8.3	4.7	3.9	3.6
Mining⁸		7.4	5.3	2.7	2.1	2.6	5.1	2.5	1.9	2.5
Metal minina ⁸	10	5.6	5.5	2.6	2.1	2.9	5.2	2.5	2.0	2.8
Iron ores ⁸	101	5.6	5.5	2.6	2.1	2.9	5.2	2.5	2.0	2.8
Construction		111.6	12.7	6.1	4.7	6.6	12.6	6.1	4.6	6.5
General building contractors	15	25.4	14.1	7.1	5.5	6.9	14.0	7.1	5.4	6.9
Residential building construction	152	12.6	9.0	5.4	4.5	3.6	8.9	5.4	4.4	3.5
Nonresidential building construction	154	12.5	18.1	8.0	5.6	10.1	18.1	8.0	5.6	10.1
Heavy construction, except building	16	13.8	9.8	3.9	3.1	5.9	9.0	3.7	2.9	5.3
Highway and street construction	161	5.6	11.5	4.1	3.5	7.4	11.1	4.0	3.4	7.1
Heavy construction, except highway	162	8.2	8.5	3.7	2.7	4.8	7.3	3.5	2.6	3.8
Special trade contractors	17	72.5	12.8	6.2	4.8	6.6	12.7	6.2	4.7	6.6
Plumbing, heating, air-conditioning	171	16.5	13.3	4.4	3.1	8.9	13.3	4.4	3.1	8.9
Electrical work	173	14.2	8.6	3.0	2.0	5.6	8.5	3.0	1.9	5.5
Masonry, stonework, and plastering	174	9.0	12.8	6.9	5.8	5.8	12.6	6.8	5.7	5.8
Manufacturing		439.4	9.9	4.9	2.1	5.1	8.2	4.0	1.8	4.2
Durable goods		260.0	10.6	5.0	2.3	5.6	8.7	4.0	2.0	4.6
Lumber and wood products	24	21.5	16.5	9.1	5.2	7.4	14.2	7.6	4.4	6.6
Millwork, plywood and structural members	243	14.4	18.6	9.8	4.8	8.7	15.5	7.8	3.8	7.6
Millwork	2431	8.8	17.5	9.0	4.2	8.5	13.6	7.0	3.1	6.6
Furniture and fixtures	25	7.1	14.6	5.8	2.1	8.8	12.5	4.2	1.8	8.3
Stone, clay, and glass products	32	10.4	12.3	6.9	3.0	5.5	11.6	6.6	2.9	5.1
Primary metal industries	33	8.1	15.7	8.8	3.4	6.9	14.6	8.0	3.1	6.6
Fabricated metal products	34	36.8	12.8	5.5	2.8	7.3	11.8	4.9	2.6	6.9
Fabricated structural metal products	344	11.8	16.1	7.6	3.5	8.4	15.8	7.4	3.4	8.3
Metal forgings and stampings	346	4.9	17.2	5.7	4.0	11.4	16.6	5.5	3.8	11.1
Industrial machinery and equipment	35	78.4	9.5	3.9	1.8	5.6	8.2	3.3	1.7	4.8
Farm and garden machinery	352	5.3	10.9	4.6	2.6	6.2	9.9	4.1	2.4	5.8
Metalworking machinery	354	7.0	11.8	4.9	2.8	6.9	10.3	4.2	2.4	6.0
General industrial machinery	356	9.5	11.9	6.8	2.3	5.2	9.9	5.4	2.2	4.5
Computer and office equipment	357	24.5	3.0	1.1	0.6	1.9	2.1	0.9	0.5	1.3
Refrigeration and service machinery	358	7.3	11.7	4.5	1.7	7.1	9.1	3.6	1.6	5.6
Industrial machinery, n.e.c.	359	14.5	12.0	4.4	2.1	7.6	10.9	3.9	1.9	6.9
Industrial machinery, n.e.c.	3599	11.7	12.8	4.6	2.2	8.2	12.1	4.2	2.0	7.8
Electronic and other electric equipment	36	34.6	7.3	3.2	1.3	4.1	4.9	2.2	1.0	2.7
Electrical industrial apparatus	362	4.1	4.7	2.1	1.4	2.6	3.8	1.7	1.4	2.1
Electronic components and accessories	367	15.5	9.7	4.6	1.5	5.1	5.9	2.9	1.0	3.0

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1999 -- Continued

Minnesota

Industry ²	SIC code ³	1999 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	
Transportation equipment	37	15.0	21.3	10.7	4.2	10.6	13.3	7.5	3.2	5.8
Motor vehicles and equipment	371	7.0	33.8	15.7	5.7	18.2	18.9	10.3	4.1	8.6
Instruments and related products	38	41.0	4.6	2.4	1.1	2.2	3.0	1.5	0.8	1.5
Measuring and controlling devices	382	13.4	5.4	2.8	1.4	2.6	4.2	1.9	1.0	2.3
Medical instruments and supplies	384	20.7	4.4	2.4	0.8	2.0	2.7	1.5	0.6	1.2
Miscellaneous manufacturing industries	39	7.0	8.6	4.6	2.3	4.0	7.4	3.9	2.2	3.5
Nondurable goods		179.5	9.0	4.7	1.8	4.3	7.6	3.9	1.6	3.7
Food and kindred products	20	52.9	13.0	8.0	2.6	5.0	10.9	6.6	2.4	4.3
Meat products	201	16.0	17.8	10.9	1.8	7.0	12.9	7.5	1.4	5.4
Poultry slaughtering and processing	2015	6.9	16.6	11.5	1.0	5.1	12.8	8.4	0.8	4.4
Dairy products	202	8.5	13.0	8.4	4.3	4.6	12.6	8.1	4.0	4.5
Preserved fruits and vegetables	203	5.6	10.4	5.5	2.5	4.8	9.3	5.1	2.3	4.2
Grain mill products	204	9.7	2.5	1.5	0.7	0.9	2.3	1.4	0.6	0.8
Paper and allied products	26	29.7	6.1	2.4	1.0	3.7	5.2	2.1	0.9	3.0
Paper mills	262	5.1	5.4	1.6	0.9	3.8	5.0	1.5	0.8	3.5
Paperboard containers and boxes	265	5.1	11.5	5.5	2.5	6.0	10.4	5.4	2.4	5.1
Printing and publishing	27	55.4	6.8	3.4	1.5	3.3	5.4	2.6	1.2	2.8
Newspapers	271	9.4	8.4	3.7	2.1	4.7	6.7	2.7	1.6	4.0
Commercial printing	275	25.9	9.2	4.9	1.9	4.3	7.3	3.8	1.6	3.5
Chemicals and allied products	28	11.7	5.1	3.0	1.1	2.0	4.7	2.9	1.0	1.9
Rubber and miscellaneous plastics products	30	19.6	9.9	4.3	1.8	5.7	9.1	3.8	1.6	5.3
Miscellaneous plastics products, n.e.c.	308	17.0	10.0	4.2	1.7	5.8	9.2	3.7	1.6	5.6
Transportation and public utilities⁸		126.0	7.5	4.2	2.6	3.4	7.2	4.0	2.5	3.2
Railroad transportation ⁸	40	--	4.5	3.3	2.5	1.3	4.3	3.1	2.4	1.2
Local and interurban passenger transit	41	12.9	10.7	5.2	3.6	5.5	10.5	5.2	3.6	5.3
Trucking and warehousing	42	31.0	9.5	4.8	3.2	4.7	9.4	4.7	3.2	4.7
Trucking and courier services, except air	421	29.6	9.5	4.8	3.3	4.7	9.5	4.8	3.3	4.7
Transportation by air	45	33.6	10.4	7.5	4.5	2.9	10.0	7.2	4.2	2.8
Transportation services	47	9.4	1.9	1.2	0.8	0.7	1.7	1.2	0.8	0.5
Communications	48	23.2	3.4	1.4	0.7	2.0	3.2	1.3	0.6	1.8
Telephone communications	481	15.4	2.5	0.9	0.5	1.6	2.2	0.8	0.4	1.4
Electric, gas, and sanitary services	49	14.5	7.6	2.5	1.3	5.2	6.8	2.3	1.2	4.4
Electric services	491	7.8	9.6	2.6	1.3	7.0	8.6	2.4	1.2	6.2
Wholesale and retail trade		620.5	5.7	2.4	1.5	3.3	5.5	2.3	1.4	3.2
Wholesale trade		154.0	6.7	3.2	2.0	3.5	6.2	2.9	1.8	3.3
Wholesale trade--durable goods	50	91.0	5.7	2.4	1.5	3.3	5.5	2.3	1.4	3.2
Motor vehicles, parts, and supplies	501	11.2	9.6	4.1	2.8	5.5	9.5	4.1	2.7	5.5
Lumber and construction materials	503	6.1	10.7	4.1	2.1	6.5	10.7	4.1	2.1	6.5
Professional and commercial equipment	504	24.8	2.6	0.9	0.6	1.7	2.3	0.7	0.5	1.6
Machinery, equipment, and supplies	508	19.4	8.2	2.6	1.5	5.5	8.0	2.6	1.4	5.4
Wholesale trade--nondurable goods	51	63.0	8.1	4.3	2.8	3.9	7.1	3.7	2.4	3.3
Groceries and related products	514	21.5	10.2	6.4	3.3	3.9	9.9	6.1	3.1	3.8
Retail trade		466.5	5.3	2.1	1.2	3.2	5.2	2.0	1.2	3.2

See footnotes at end of table.

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			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	
Building materials and garden supplies	52	22.3	6.9	2.8	1.9	4.1	6.9	2.8	1.9	4.1
Lumber and other building materials	521	13.0	8.0	3.3	2.3	4.7	8.0	3.3	2.3	4.7
General merchandise stores	53	63.1	5.3	3.4	1.7	1.9	5.1	3.3	1.7	1.9
Department stores	531	57.2	5.5	3.6	1.8	1.9	5.3	3.5	1.7	1.8
Food stores	54	61.2	7.7	2.8	1.4	4.9	7.4	2.6	1.2	4.8
Grocery stores	541	54.2	8.1	2.9	1.3	5.2	7.8	2.7	1.2	5.1
Automotive dealers and service stations	55	53.9	7.3	2.4	1.7	4.9	7.2	2.3	1.7	4.9
New and used car dealers	551	20.8	9.4	2.6	2.0	6.8	9.4	2.6	2.0	6.8
Apparel and accessory stores	56	18.8	3.1	1.5	1.2	1.5	3.0	1.5	1.2	1.5
Furniture and homefurnishings stores	57	24.4	6.1	3.5	1.0	2.6	6.0	3.5	1.0	2.6
Eating and drinking places	58	156.3	4.1	0.9	0.9	3.2	4.1	0.9	0.9	3.2
Miscellaneous retail	59	66.5	2.8	1.3	0.7	1.6	2.6	1.2	0.7	1.4
Finance, insurance, and real estate		158.4	1.5	0.6	0.4	0.9	1.1	0.5	0.4	0.6
Real estate	65	26.0	3.8	2.3	1.6	1.5	3.8	2.3	1.6	1.5
Services		721.5	5.7	2.8	1.6	2.9	5.3	2.7	1.6	2.6
Hotels and other lodging places	70	32.3	7.7	3.9	2.6	3.7	7.6	3.9	2.6	3.7
Hotels and motels	701	31.0	7.9	4.1	2.8	3.8	7.8	4.0	2.7	3.8
Personal services	72	25.9	3.2	1.8	1.2	1.4	2.9	1.5	0.9	1.4
Business services	73	173.6	2.5	1.0	0.5	1.5	2.3	0.9	0.5	1.3
Auto repair, services, and parking	75	22.9	7.6	3.3	2.6	4.3	7.6	3.3	2.6	4.2
Miscellaneous repair services	76	5.6	7.8	2.6	2.3	5.2	7.6	2.4	2.1	5.2
Motion pictures	78	9.6	0.7	0.4	0.2	0.2	0.7	0.4	0.2	0.2
Amusement and recreation services	79	40.4	7.5	4.6	2.7	2.8	7.2	4.5	2.7	2.7
Miscellaneous amusement, recreation	799	31.7	7.4	4.8	2.8	2.6	7.2	4.7	2.7	2.5
Health services	80	213.0	9.5	5.0	2.8	4.6	8.9	4.8	2.7	4.1
Nursing and personal care facilities	805	48.4	22.7	11.7	5.6	11.0	22.4	11.7	5.6	10.7
Hospitals	806	70.3	8.7	5.5	3.6	3.2	7.9	5.2	3.4	2.7
Home health care services	808	9.5	8.1	3.9	2.6	4.3	7.8	3.8	2.5	4.0
Educational services	82	26.3	2.6	1.4	1.0	1.1	2.5	1.4	1.0	1.1
Social services	83	72.0	7.8	3.9	2.2	4.0	7.5	3.7	2.1	3.9
Residential care	836	25.2	9.4	4.9	2.8	4.4	9.1	4.7	2.5	4.4
State and local government		307.1	5.8	2.3	1.6	3.5	5.5	2.2	1.6	3.3
State government		66.4	3.9	1.5	1.0	2.4	3.5	1.4	0.9	2.0
Construction		4.2	13.0	5.2	2.7	7.8	12.5	5.1	2.6	7.4
Services		37.9	3.3	1.3	0.9	2.0	3.0	1.2	0.9	1.8
Health services	80	5.0	14.1	8.2	6.5	5.9	13.9	8.1	6.5	5.8
Educational services	82	30.9	2.4	0.7	0.5	1.7	2.2	0.7	0.4	1.5
Public administration		23.7	3.5	1.4	0.7	2.2	2.9	1.2	0.6	1.6
Local government		240.7	6.5	2.6	1.9	4.0	6.2	2.5	1.8	3.8

See footnotes at end of table.

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			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	
Services		158.1	7.1	2.6	2.0	4.5	6.9	2.6	2.0	4.3
Health services	80	21.5	16.0	7.7	5.2	8.3	14.8	7.3	4.9	7.5
Nursing and personal care facilities	805	4.1	19.0	14.9	11.2	4.2	18.4	14.7	11.1	3.7
Hospitals	806	16.7	15.7	6.0	3.7	9.7	14.4	5.5	3.4	8.8
Educational services	82	130.2	5.9	1.9	1.6	4.0	5.8	1.9	1.6	3.9
Public administration		74.0	4.3	2.0	1.2	2.3	4.0	2.0	1.2	2.0

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.

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.