

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

**Wisconsin**

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>		2,661.6	8.3	3.9	2.4	4.5	7.7	3.6	2.2	4.1
<b>Private Industry<sup>7</sup></b>		2,341.6	8.4	3.9	2.4	4.4	7.7	3.6	2.2	4.1
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		28.3	10.6	4.4	3.7	6.2	10.0	4.2	3.6	5.8
Agricultural production <sup>7</sup>	01-02	12.0	9.6	4.4	3.8	5.2	8.3	4.1	3.7	4.2
Agricultural services	07	15.6	11.1	4.2	3.5	6.9	11.0	4.1	3.4	6.9
<b>Construction</b>		121.5	13.0	6.4	5.3	6.7	12.7	6.2	5.1	6.6
General building contractors	15	30.6	12.0	6.1	4.9	5.9	11.6	5.8	4.7	5.8
Residential building construction	152	14.1	10.5	5.6	4.3	4.8	9.8	5.3	3.9	4.5
Nonresidential building construction	154	16.3	13.4	6.5	5.5	6.9	13.2	6.3	5.4	6.8
Heavy construction, except building	16	12.0	13.6	6.0	5.7	7.5	13.4	6.0	5.6	7.4
Highway and street construction	161	4.5	16.9	5.8	5.2	11.1	16.7	5.7	5.1	11.0
Heavy construction, except highway	162	7.5	11.6	6.2	5.9	5.4	11.4	6.1	5.9	5.3
Special trade contractors	17	78.9	13.3	6.5	5.4	6.8	13.1	6.3	5.2	6.8
Plumbing, heating, air-conditioning	171	20.0	13.6	5.6	4.4	8.0	13.5	5.5	4.4	8.0
Electrical work	173	14.7	10.7	3.6	2.6	7.1	10.5	3.5	2.6	7.0
Masonry, stonework, and plastering	174	9.7	18.2	10.4	8.5	7.8	17.8	10.1	8.2	7.7
Carpentry and floor work	175	6.7	15.0	7.9	7.6	7.1	14.9	7.8	7.5	7.1
Roofing, siding, and sheet metal work	176	5.9	13.7	9.8	8.9	3.9	13.3	9.5	8.6	3.8
Miscellaneous special trade contractors	179	11.3	11.5	5.9	4.9	5.6	11.1	5.4	4.4	5.6
<b>Manufacturing</b>		618.3	12.4	6.1	3.1	6.3	10.9	5.3	2.7	5.5
Durable goods		--	13.8	6.4	3.4	7.3	12.0	5.6	3.0	6.4
Lumber and wood products	24	32.8	16.5	9.5	6.0	7.0	15.3	8.7	5.6	6.6
Sawmills and planing mills	242	5.3	17.3	11.0	8.6	6.3	17.1	10.8	8.4	6.2
Millwork, plywood and structural members	243	17.8	15.5	7.9	3.7	7.6	14.1	7.0	3.4	7.1
Millwork	2431	11.8	15.9	8.5	3.7	7.3	14.2	7.5	3.3	6.7
Furniture and fixtures	25	17.7	18.0	8.8	5.3	9.2	15.4	7.1	4.5	8.3
Household furniture	251	5.8	13.8	8.5	5.6	5.3	11.5	6.9	4.6	4.6
Stone, clay, and glass products	32	11.4	14.9	7.7	4.7	7.2	13.9	7.4	4.5	6.6
Concrete, gypsum, and plaster products	327	5.2	16.6	10.2	6.5	6.4	16.2	10.1	6.4	6.1
Primary metal industries	33	25.9	21.6	9.9	4.7	11.7	19.4	8.7	4.3	10.6
Iron and steel foundries	332	13.4	26.3	10.9	4.9	15.4	23.5	9.7	4.4	13.8
Gray and ductile iron foundries	3321	8.9	29.9	11.9	5.4	18.0	26.8	10.2	4.8	16.5
Nonferrous foundries (castings)	336	8.1	17.6	11.4	5.5	6.1	15.1	9.7	4.9	5.5
Fabricated metal products	34	68.0	16.5	7.6	3.6	8.9	14.4	6.8	3.2	7.6
Cutlery, handtools, and hardware	342	7.1	16.8	8.3	4.5	8.5	14.2	6.7	4.0	7.5
Fabricated structural metal products	344	15.3	13.6	6.5	3.5	7.1	12.7	6.1	3.3	6.6
Fabricated plate work (boiler shops)	3443	5.4	15.9	7.9	4.9	8.0	14.6	7.5	4.6	7.2
Metal forgings and stampings	346	11.8	19.7	9.9	4.2	9.8	16.9	8.6	3.7	8.3
Metal stampings, n.e.c.	3469	7.7	19.0	9.7	4.4	9.3	16.3	8.0	3.8	8.3
Miscellaneous fabricated metal products	349	14.0	13.5	7.9	4.6	5.6	11.8	6.8	4.1	4.9
Industrial machinery and equipment	35	112.3	11.4	4.7	2.6	6.8	10.3	4.2	2.3	6.1
Engines and turbines	351	12.7	13.8	5.5	3.3	8.3	10.8	4.3	2.6	6.5
Farm and garden machinery	352	10.6	9.8	3.7	2.3	6.0	9.3	3.5	2.2	5.8
Farm machinery and equipment	3523	7.2	8.7	3.6	2.4	5.1	8.3	3.4	2.3	4.9

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**

**Wisconsin**

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>	
Lawn and garden equipment	3524	3.3	12.1	4.0	2.2	8.1	11.3	3.5	2.0	7.8
Construction and related machinery	353	11.6	14.7	6.5	3.7	8.2	13.5	6.0	3.3	7.6
Construction machinery	3531	4.9	17.7	6.6	4.5	11.1	16.3	6.0	4.0	10.3
Metalworking machinery	354	16.8	9.3	2.6	1.4	6.7	8.8	2.5	1.4	6.3
Special dies, tools, jigs and fixtures	3544	7.9	10.3	2.7	1.6	7.6	10.1	2.7	1.5	7.4
Special industry machinery	355	13.5	11.9	5.4	2.3	6.5	11.2	5.0	2.0	6.2
Paper industries machinery	3554	7.1	8.5	3.3	1.6	5.3	7.9	3.0	1.4	5.0
General industrial machinery	356	15.0	9.1	4.1	1.8	4.9	8.3	3.8	1.6	4.5
Computer and office equipment	357	4.6	4.9	2.4	1.1	2.5	3.8	2.0	1.0	1.8
Refrigeration and service machinery	358	7.7	12.8	4.8	2.8	7.9	10.6	3.7	2.1	6.9
Industrial machinery, n.e.c.	359	19.8	13.2	5.7	3.6	7.4	11.9	5.2	3.3	6.7
Industrial machinery, n.e.c.	3599	14.5	13.3	6.0	3.8	7.3	12.2	5.4	3.4	6.8
Electronic and other electric equipment	36	46.5	9.3	4.6	2.1	4.7	6.8	3.3	1.5	3.5
Electric distribution equipment	361	5.7	9.5	5.1	2.4	4.3	7.1	3.7	1.7	3.3
Transformers, except electronic	3612	4.3	10.8	5.8	2.6	5.0	8.0	4.1	1.8	3.9
Electrical industrial apparatus	362	16.3	10.4	4.6	2.4	5.7	7.6	3.6	1.7	3.9
Household appliances	363	5.3	12.1	5.9	3.2	6.2	8.6	4.3	2.3	4.3
Electronic components and accessories	367	10.4	7.8	3.4	1.1	4.3	5.5	2.0	0.7	3.5
Transportation equipment	37	33.7	16.6	8.1	3.9	8.5	13.9	6.8	3.4	7.1
Motor vehicles and equipment	371	22.3	17.0	8.3	3.6	8.7	14.4	7.1	3.2	7.3
Motor vehicle parts and accessories	3714	10.1	16.0	9.3	3.6	6.7	12.5	7.7	3.1	4.8
Instruments and related products	38	17.9	4.9	2.2	1.0	2.7	4.1	1.6	0.8	2.5
Measuring and controlling devices	382	6.9	5.3	2.3	1.4	3.0	4.9	2.0	1.1	2.8
Medical instruments and supplies	384	8.5	2.9	1.2	0.4	1.7	2.5	0.9	0.3	1.7
Miscellaneous manufacturing industries	39	11.3	10.0	4.0	2.2	6.0	9.1	3.6	2.0	5.5
Miscellaneous manufactures	399	7.0	11.2	4.4	2.5	6.8	10.3	4.2	2.5	6.2
Nondurable goods	--	--	10.3	5.6	2.6	4.7	9.1	4.9	2.3	4.1
Food and kindred products	20	65.7	13.3	7.9	3.5	5.3	11.2	6.7	3.1	4.5
Meat products	201	18.1	14.8	9.6	2.7	5.1	11.5	7.4	2.3	4.1
Meat packing plants	2011	4.1	22.8	14.3	4.0	8.5	16.9	10.3	3.7	6.7
Sausages and other prepared meats	2013	10.3	10.6	6.8	2.3	3.7	8.7	5.5	1.9	3.2
Poultry slaughtering and processing	2015	3.7	19.4	13.8	2.3	5.7	14.4	10.3	1.9	4.2
Dairy products	202	16.4	14.8	9.0	5.1	5.7	13.2	8.1	4.6	5.0
Cheese, natural and processed	2022	12.7	14.3	9.4	5.3	4.9	12.6	8.4	4.9	4.2
Preserved fruits and vegetables	203	13.5	9.5	5.6	2.6	3.9	8.4	5.0	2.2	3.5
Bakery products	205	4.6	16.1	8.2	5.3	7.9	13.7	6.6	4.3	7.2
Beverages	208	4.7	7.8	4.0	2.7	3.9	7.4	3.7	2.6	3.6
Apparel and other textile products	23	5.9	7.9	4.0	2.0	3.9	6.4	3.0	1.4	3.4
Paper and allied products	26	52.9	6.9	3.4	1.6	3.5	6.2	3.1	1.5	3.1
Paper mills	262	28.5	5.5	2.4	1.2	3.1	4.8	2.2	1.1	2.6
Paperboard containers and boxes	265	9.3	5.2	2.7	1.3	2.5	5.0	2.6	1.2	2.3
Corrugated and solid fiber boxes	2653	7.2	4.7	2.4	1.1	2.3	4.5	2.4	1.1	2.1
Miscellaneous converted paper products	267	14.2	10.6	5.6	2.6	5.0	9.9	5.2	2.4	4.7
Printing and publishing	27	55.4	8.6	4.3	2.1	4.3	7.7	3.9	2.0	3.8
Newspapers	271	11.2	6.1	2.2	1.4	3.9	5.8	2.2	1.4	3.7
Commercial printing	275	31.0	10.1	5.8	2.7	4.3	9.1	5.1	2.5	3.9
Commercial printing, lithographic	2752	23.1	11.6	6.8	3.1	4.9	10.6	6.1	2.8	4.5
Chemicals and allied products	28	14.6	7.1	3.6	1.4	3.5	6.5	3.3	1.3	3.2
Rubber and miscellaneous plastics products	30	39.1	14.0	7.6	3.7	6.4	12.4	6.7	3.2	5.7
Miscellaneous plastics products, n.e.c.	308	33.1	14.5	7.9	3.6	6.7	12.9	6.9	3.2	5.9

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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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>	
Plastics products, n.e.c.	3089	25.2	15.6	8.5	3.8	7.1	13.5	7.4	3.2	6.2
Leather and leather products	31	4.1	11.3	4.9	2.2	6.4	9.4	4.3	2.1	5.2
<b>Transportation and public utilities<sup>8</sup></b>		126.1	8.0	4.8	3.7	3.2	7.7	4.7	3.6	3.0
Railroad transportation <sup>8</sup>	40	--	4.5	3.3	2.6	1.2	4.4	3.2	2.5	1.2
Local and interurban passenger transit	41	16.1	6.6	3.7	3.1	2.9	6.3	3.6	3.1	2.7
Trucking and warehousing	42	53.0	8.3	5.1	4.0	3.2	8.2	5.0	4.0	3.2
Trucking and courier services, except air	421	50.1	8.2	5.0	4.1	3.2	8.1	5.0	4.0	3.1
Transportation by air	45	13.2	18.9	13.2	10.9	5.6	18.6	13.1	10.8	5.5
Communications	48	18.4	4.3	2.1	1.5	2.2	3.9	1.9	1.4	2.0
Electric, gas, and sanitary services	49	17.7	7.3	3.6	2.0	3.7	6.9	3.4	1.9	3.4
<b>Wholesale and retail trade</b>		627.6	7.1	2.9	1.9	4.2	7.0	2.9	1.8	4.1
Wholesale trade		137.7	8.3	4.3	2.6	4.0	8.0	4.1	2.5	3.9
Wholesale trade--durable goods	50	80.6	7.7	3.9	2.6	3.8	7.4	3.8	2.5	3.6
Wholesale trade--nondurable goods	51	57.1	9.1	4.7	2.6	4.3	8.8	4.6	2.5	4.2
Retail trade		489.9	6.7	2.4	1.6	4.3	6.6	2.4	1.6	4.2
Building materials and garden supplies	52	24.9	9.3	5.0	3.5	4.3	9.2	4.9	3.4	4.3
General merchandise stores	53	64.3	7.6	3.6	1.9	3.9	7.3	3.5	1.7	3.9
Food stores	54	64.7	8.4	2.5	1.8	5.9	8.3	2.5	1.8	5.8
Grocery stores	541	56.6	8.8	2.6	1.9	6.2	8.7	2.6	1.9	6.1
Automotive dealers and service stations	55	57.6	7.1	2.4	1.8	4.7	7.1	2.4	1.8	4.7
New and used car dealers	551	24.1	8.1	2.0	1.4	6.1	8.1	2.0	1.4	6.1
Apparel and accessory stores	56	16.4	2.2	0.7	0.5	1.5	2.2	0.7	0.5	1.5
Furniture and homefurnishings stores	57	18.8	6.1	3.0	1.9	3.0	6.0	3.0	1.9	3.0
Eating and drinking places	58	170.6	5.6	1.2	1.1	4.5	5.5	1.1	1.0	4.4
Miscellaneous retail	59	72.5	6.2	2.9	1.5	3.2	5.9	2.8	1.5	3.2
<b>Finance, insurance, and real estate</b>		142.8	1.7	0.6	0.5	1.1	1.5	0.5	0.4	1.0
Real estate	65	20.3	4.6	2.1	1.5	2.5	4.5	2.0	1.4	2.5
<b>Services</b>		670.7	5.3	2.3	1.3	3.0	4.8	2.1	1.3	2.7
Hotels and other lodging places	70	30.2	8.0	2.7	2.0	5.3	7.9	2.6	1.9	5.3
Auto repair, services, and parking	75	21.1	9.8	4.5	3.6	5.3	9.5	4.2	3.4	5.3
Miscellaneous repair services	76	5.0	6.8	3.9	2.8	2.9	6.4	3.6	2.7	2.8
Health services	80	221.3	7.0	3.3	2.0	3.7	6.2	3.1	1.8	3.1
Nursing and personal care facilities	805	45.5	14.1	9.0	4.9	5.2	13.3	8.4	4.6	4.8
Hospitals	806	87.4	7.9	3.3	2.1	4.6	6.6	2.9	1.9	3.7
Educational services	82	21.2	3.5	1.1	0.6	2.4	3.3	1.0	0.6	2.3
<b>State and local government</b>		320.0	8.0	3.2	2.6	4.8	7.6	3.1	2.5	4.5
<b>State government</b>		71.4	4.5	2.4	1.9	2.2	4.2	2.3	1.8	1.9

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**

**Wisconsin**

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>Services</b>		40.9	4.7	3.2	2.7	1.5	4.6	3.2	2.6	1.4
Educational services	82	30.5	2.3	0.8	0.7	1.4	2.2	--	0.7	1.4
<b>Public administration</b>		30.3	4.3	1.1	0.7	3.1	3.8	1.1	0.6	2.7
Justice, public order, and safety	92	10.3	6.3	1.8	1.0	4.5	5.6	1.8	1.0	3.9
<b>Local government</b>		248.6	9.3	3.6	2.9	5.8	8.9	3.4	2.8	5.5
<b>Transportation and public utilities</b>		3.9	16.5	8.4	7.1	8.1	15.8	7.9	6.6	7.8
<b>Services</b>		148.0	8.9	2.4	2.2	6.5	8.5	2.3	2.1	6.2
Health services	80	4.6	16.2	9.8	6.5	6.3	15.9	9.6	6.2	6.3
Educational services	82	138.3	8.5	2.0	1.9	6.5	8.2	2.0	1.9	6.2
<b>Public administration</b>		93.9	9.5	4.9	3.8	4.5	8.8	4.6	3.6	4.2
Justice, public order, and safety	92	6.2	10.4	4.6	3.3	5.7	8.1	4.0	3.1	4.1

<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.