

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses, by industry and case type, 1996**

**Wisconsin**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1996 Annual average employment <sup>4</sup> (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
All industries including State and local government <sup>7</sup> .....		2,487.3	10.2	4.5	3.1	5.7	9.2	4.1	2.8	5.2
Private industry <sup>7</sup> .....		2,179.8	10.4	4.6	3.0	5.8	9.4	4.2	2.8	5.2
Agriculture, forestry, and fishing <sup>7</sup> .....		23.5	12.5	4.6	3.9	7.9	11.4	4.4	3.7	7.0
Agricultural production <sup>7</sup> .....	01-02	9.7	12.1	4.8	3.9	7.3	11.2	4.4	3.5	6.8
Agricultural services .....	07	13.1	11.9	4.3	3.5	7.6	10.7	4.2	3.5	6.5
Construction .....		104.6	16.8	6.9	6.3	10.0	16.6	6.7	6.0	9.9
General building contractors .....	15	26.9	17.1	8.1	7.5	9.0	16.7	7.7	7.1	8.9
Residential building construction .....	152	12.6	15.7	8.6	8.4	7.0	15.1	8.1	7.8	7.0
Nonresidential building construction .....	154	14.1	18.5	7.8	6.9	10.7	18.2	7.5	6.6	10.7
Heavy construction, except building .....	16	10.3	21.0	8.1	7.0	12.8	20.8	8.0	6.9	12.7
Highway and street construction .....	161	3.9	20.6	7.6	6.7	12.9	20.3	7.4	6.5	12.8
Heavy construction, except highway .....	162	6.4	21.2	8.4	7.2	12.8	21.1	8.4	7.1	12.7
Special trade contractors .....	17	67.3	16.1	6.2	5.6	9.9	15.9	6.0	5.5	9.8
Plumbing, heating, air-conditioning .....	171	18.0	15.9	3.9	3.4	12.0	15.4	3.7	3.2	11.8
Electrical work .....	173	11.9	10.9	4.2	3.7	6.7	10.7	4.0	3.5	6.7
Masonry, stonework, and plastering .....	174	8.2	23.4	11.2	10.3	12.2	23.2	11.1	10.1	12.1
Carpentry and floor work .....	175	5.4	13.4	4.7	4.5	8.7	13.4	4.7	4.5	8.7
Roofing, siding, and sheet metal work .....	176	5.0	13.9	7.8	6.8	6.1	13.9	7.8	6.8	6.1
Miscellaneous special trade contractors .....	179	9.8	17.6	6.7	6.1	10.9	17.6	6.7	6.1	10.9
Manufacturing .....		601.6	15.0	6.7	3.8	8.3	12.5	5.6	3.2	7.0
Durable goods .....		365.1	16.5	7.1	4.2	9.5	14.0	6.0	3.6	8.0
Lumber and wood products .....	24	30.2	19.1	10.2	6.5	8.9	17.9	9.6	6.1	8.3
Sawmills and planing mills .....	242	4.6	15.3	7.5	5.8	7.7	14.9	7.4	5.8	7.5
Millwork, plywood and structural members .....	243	16.4	17.5	9.3	5.0	8.2	15.9	8.4	4.5	7.5
Millwork .....	2431	10.8	18.9	10.2	5.3	8.7	16.8	9.1	4.6	7.8
Furniture and fixtures .....	25	16.5	22.8	13.1	8.1	9.8	17.6	9.4	6.0	8.2
Household furniture .....	251	5.7	13.1	6.5	4.2	6.6	10.5	5.1	3.2	5.4
Stone, clay, and glass products .....	32	10.3	15.3	5.5	3.7	9.8	14.7	5.1	3.3	9.6
Concrete, gypsum, and plaster products .....	327	4.7	17.2	5.7	4.7	11.5	17.1	5.5	4.5	11.5
Primary metal industries .....	33	24.1	24.8	11.8	5.8	12.9	23.0	10.9	5.3	12.0
Iron and steel foundries .....	332	12.8	25.8	11.5	4.6	14.3	24.2	10.6	4.3	13.6
Gray and ductile iron foundries .....	3321	8.2	30.8	12.5	5.8	18.4	29.3	11.7	5.4	17.6
Nonferrous foundries (castings) .....	336	7.3	23.4	13.3	7.5	10.1	20.9	11.9	6.8	9.0
Fabricated metal products .....	34	63.7	18.3	7.1	3.9	11.2	15.3	6.2	3.5	9.1
Cutlery, handtools, and hardware .....	342	6.7	9.5	4.4	1.7	5.2	7.0	3.0	1.3	4.0
Fabricated structural metal products .....	344	14.6	17.2	8.2	4.7	9.0	16.6	8.0	4.5	8.6
Fabricated plate work (boiler shops) .....	3443	5.7	16.5	7.3	6.1	9.3	15.8	6.9	5.8	8.9
Metal forgings and stampings .....	346	13.0	20.9	8.6	5.1	12.3	16.9	7.0	4.2	9.9
Metal stampings, n.e.c. .....	3469	8.9	20.0	8.6	4.5	11.4	17.8	7.5	4.2	10.3
Miscellaneous fabricated metal products .....	349	11.6	14.2	6.8	4.0	7.4	12.7	5.8	3.6	6.9
Industrial machinery and equipment .....	35	112.4	14.4	5.5	3.4	8.9	12.8	4.8	3.0	8.0
Engines and turbines .....	351	14.0	18.0	5.2	3.7	12.8	13.5	3.5	2.5	10.0
Farm and garden machinery .....	352	11.0	13.7	5.6	3.9	8.1	12.4	4.9	3.5	7.5
Farm machinery and equipment .....	3523	6.9	12.4	5.0	3.7	7.4	11.2	4.4	3.4	6.7
Lawn and garden equipment .....	3524	4.0	15.9	6.7	4.4	9.2	14.4	5.6	3.6	8.8
Construction and related machinery .....	353	12.2	20.0	9.6	5.1	10.5	18.0	8.8	4.7	9.3
Construction machinery .....	3531	5.2	19.6	7.8	5.1	11.8	17.2	7.1	4.8	10.1
Metalworking machinery .....	354	16.4	12.9	4.3	2.6	8.6	12.2	4.1	2.4	8.2
Special dies, tools, jigs and fixtures .....	3544	7.5	14.4	4.0	2.7	10.4	14.2	3.9	2.6	10.2
Special industry machinery .....	355	15.2	11.2	4.3	2.7	6.9	10.8	4.1	2.6	6.7
Paper industries machinery .....	3554	8.1	10.9	4.1	2.6	6.8	10.7	4.1	2.5	6.6
General industrial machinery .....	356	15.1	12.5	5.0	3.3	7.4	11.5	4.3	2.9	7.2
Refrigeration and service machinery .....	358	7.9	15.8	6.6	3.4	9.1	14.2	6.1	3.1	8.1
Refrigeration and heating equipment .....	3585	5.2	16.3	6.3	3.5	10.0	14.3	5.8	3.2	8.5
Industrial machinery, n.e.c. .....	359	17.3	14.0	5.1	3.0	8.9	12.9	4.7	2.8	8.2
Industrial machinery, n.e.c. .....	3599	12.2	14.5	5.4	3.0	9.1	13.8	5.2	2.9	8.6

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses, by industry and case type, 1996 — Continued**

**Wisconsin**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1996 Annual average employment <sup>4</sup> (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Electronic and other electric equipment .....	36	46.1	11.5	5.4	2.6	6.1	8.3	3.8	1.9	4.5
Electric distribution equipment .....	361	6.1	8.5	4.3	2.1	4.2	6.9	3.5	1.8	3.5
Transformers, except electronic .....	3612	4.7	7.5	4.4	2.0	3.0	6.0	3.6	1.7	2.4
Electrical industrial apparatus .....	362	16.2	12.5	5.1	2.9	7.4	8.6	3.4	2.0	5.2
Household appliances .....	363	5.6	16.2	7.1	3.8	9.1	11.3	5.2	2.8	6.1
Electronic components and accessories .....	367	9.0	10.9	5.5	1.7	5.4	7.9	3.6	1.1	4.3
Transportation equipment .....	37	32.0	22.8	8.5	6.3	14.3	16.6	6.6	4.9	10.0
Motor vehicles and equipment .....	371	23.1	26.2	9.7	7.5	16.6	18.4	7.4	5.6	11.0
Motor vehicle parts and accessories .....	3714	11.2	23.0	10.9	8.4	12.1	16.9	8.2	6.3	8.7
Instruments and related products .....	38	18.3	7.0	3.0	1.6	4.0	5.5	2.2	1.2	3.3
Measuring and controlling devices .....	382	6.4	9.0	3.9	2.2	5.1	7.9	3.4	2.0	4.5
Medical instruments and supplies .....	384	8.4	4.4	2.0	1.0	2.4	3.4	1.3	.6	2.1
Miscellaneous manufacturing industries .....	39	11.7	12.8	6.0	3.1	6.8	10.4	4.6	2.6	5.8
Miscellaneous manufactures .....	399	7.0	13.8	6.5	3.3	7.2	11.8	5.6	2.9	6.3
Nondurable goods .....		236.5	12.6	6.1	3.1	6.5	10.3	5.0	2.7	5.3
Food and kindred products .....	20	66.6	16.6	9.1	4.1	7.5	12.9	6.9	3.5	6.0
Meat products .....	201	17.5	21.5	13.5	4.4	8.0	13.9	8.4	3.4	5.6
Meat packing plants .....	2011	3.9	29.7	14.0	4.5	15.7	20.9	8.3	3.1	12.6
Sausages and other prepared meats .....	2013	9.9	11.5	7.7	4.1	3.9	8.3	5.7	3.4	2.6
Poultry slaughtering and processing .....	2015	3.7	40.3	29.1	5.0	11.3	22.2	15.9	3.4	6.3
Dairy products .....	202	16.2	13.8	6.6	4.7	7.2	12.1	5.9	4.2	6.2
Cheese, natural and processed .....	2022	12.5	14.2	6.9	4.9	7.3	12.0	6.0	4.3	6.0
Preserved fruits and vegetables .....	203	14.0	11.5	7.5	2.8	4.0	9.6	6.2	2.4	3.4
Canned fruits and vegetables .....	2033	5.9	11.1	6.9	2.6	4.3	10.1	6.0	2.3	4.2
Bakery products .....	205	4.4	22.1	10.3	8.1	11.8	17.5	8.4	6.5	9.1
Beverages .....	208	5.9	16.9	5.5	3.6	11.3	13.0	5.1	3.5	7.9
Apparel and other textile products .....	23	6.5	12.3	5.7	3.4	6.6	9.3	3.8	2.5	5.5
Paper and allied products .....	26	52.4	9.1	3.3	1.7	5.8	7.6	3.0	1.6	4.6
Paperboard containers and boxes .....	265	9.2	8.8	3.7	1.8	5.1	8.1	3.4	1.6	4.7
Corrugated and solid fiber boxes .....	2653	6.9	8.5	3.6	1.4	4.9	7.7	3.2	1.3	4.5
Miscellaneous converted paper products .....	267	13.2	11.6	5.2	2.7	6.5	10.6	4.6	2.4	6.1
Printing and publishing .....	27	53.0	8.9	4.3	2.4	4.6	7.9	3.7	2.2	4.2
Newspapers .....	271	11.4	5.7	2.2	1.7	3.5	5.6	2.1	1.6	3.5
Commercial printing .....	275	28.3	11.3	5.9	3.2	5.4	9.7	4.8	2.8	4.9
Commercial printing, lithographic .....	2752	21.6	12.1	6.5	3.5	5.7	10.5	5.3	3.0	5.2
Chemicals and allied products .....	28	14.1	9.9	4.9	2.4	5.0	9.2	4.6	2.3	4.5
Rubber and miscellaneous plastics products .....	30	35.3	17.2	8.2	4.4	8.9	14.1	6.6	3.5	7.5
Miscellaneous plastics products, n.e.c. ....	308	29.7	17.9	8.4	4.5	9.5	14.5	6.6	3.4	7.9
Plastics products, n.e.c. ....	3089	22.4	19.7	9.8	5.1	9.9	15.3	7.4	3.7	7.8
Leather and leather products .....	31	5.3	11.2	5.0	3.9	6.2	9.0	4.0	3.1	5.0
Transportation and public utilities <sup>8,9</sup> .....		116.3	10.9	6.3	5.0	4.6	10.7	6.2	5.0	4.4
Railroad transportation <sup>8</sup> .....	40	—	4.2	3.0	2.1	1.2	4.1	2.9	2.1	1.2
Local and interurban passenger transit .....	41	15.6	12.9	6.6	5.5	6.4	12.4	6.4	5.3	6.0
Trucking and warehousing <sup>9</sup> .....	42	48.9	12.3	6.7	5.9	5.7	12.3	6.7	5.8	5.7
Trucking and courier services, except air <sup>9</sup> .....	421	46.5	12.3	6.7	5.9	5.7	12.3	6.7	5.8	5.7
Transportation by air <sup>9</sup> .....	45	11.5	26.2	21.4	15.5	4.8	25.5	21.0	15.2	4.5
Communications .....	48	17.1	4.0	1.7	1.1	2.3	3.7	1.6	1.0	2.1
Electric, gas, and sanitary services .....	49	16.0	7.4	3.5	2.0	4.0	7.2	3.4	2.0	3.7
Wholesale and retail trade .....		596.4	8.6	3.4	2.4	5.2	8.3	3.3	2.3	5.0
Wholesale trade .....		129.5	11.3	4.9	3.8	6.4	11.0	4.7	3.6	6.3
Wholesale trade--durable goods .....	50	74.4	10.2	3.8	3.1	6.4	9.9	3.5	2.9	6.4
Wholesale trade--nondurable goods .....	51	55.1	12.8	6.5	4.8	6.3	12.4	6.3	4.7	6.1
Retail trade .....		466.9	7.5	2.8	1.8	4.7	7.3	2.7	1.7	4.6
Building materials and garden supplies .....	52	22.7	11.8	6.0	4.0	5.7	11.7	5.9	4.0	5.7
General merchandise stores .....	53	59.9	8.1	3.5	2.0	4.7	7.9	3.3	1.9	4.6

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses, by industry and case type, 1996 — Continued**

**Wisconsin**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1996 Annual average employment <sup>4</sup> (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Food stores .....	54	64.1	8.7	2.8	1.9	5.9	8.4	2.7	1.8	5.7
Grocery stores .....	541	55.7	9.3	2.9	1.9	6.4	9.1	2.8	1.8	6.2
Automotive dealers and service stations .....	55	54.3	8.5	3.2	2.3	5.3	8.4	3.2	2.2	5.3
New and used car dealers .....	551	23.1	9.6	3.3	2.1	6.3	9.6	3.3	2.1	6.3
Apparel and accessory stores .....	56	16.8	3.6	.8	.6	2.8	3.5	.8	.6	2.7
Furniture and home furnishings stores .....	57	17.5	6.0	2.9	2.0	3.1	5.9	2.8	2.0	3.1
Eating and drinking places .....	58	164.9	7.8	2.3	1.5	5.5	7.6	2.2	1.4	5.4
Miscellaneous retail .....	59	66.5	4.0	2.0	1.1	2.0	3.6	1.8	1.0	1.8
Finance, insurance, and real estate .....		136.4	2.9	.8	.7	2.1	2.6	.8	.7	1.8
Real estate .....	65	18.6	5.6	1.9	1.6	3.7	5.6	1.9	1.6	3.7
Services .....		598.5	6.5	3.1	2.1	3.4	6.0	3.0	2.0	3.0
Hotels and other lodging places .....	70	28.5	8.9	2.5	2.1	6.4	8.9	2.5	2.1	6.4
Auto repair, services, and parking .....	75	19.6	11.2	4.1	2.9	7.0	10.7	4.0	2.8	6.7
Miscellaneous repair services .....	76	5.3	10.9	4.5	3.7	6.4	10.1	4.1	3.2	6.0
Health services .....	80	210.6	7.6	4.0	2.6	3.6	6.8	3.8	2.5	3.0
Nursing and personal care facilities .....	805	47.6	15.2	8.9	4.8	6.4	14.8	8.7	4.8	6.1
Hospitals .....	806	82.8	6.0	3.2	2.6	—	—	3.0	2.4	—
Educational services .....	82	18.6	3.6	1.8	1.5	1.9	3.4	1.7	1.5	1.7
State and local government .....		307.5	8.6	3.6	3.2	5.0	8.2	3.4	3.0	4.8
State government .....		68.3	5.2	2.3	2.0	2.9	4.8	2.1	1.9	2.6
Services .....										
Health services .....	80	8.3	14.3	7.8	7.2	6.5	13.3	7.4	6.8	5.9
Educational services .....	82	30.1	3.5	1.4	1.2	2.1	3.2	1.3	1.1	1.9
Public administration .....		26.7	4.7	2.0	1.7	2.7	4.3	1.8	1.5	2.5
Justice, public order, and safety .....	92	7.4	6.9	3.5	2.9	3.4	6.4	3.2	2.7	3.2
Local government .....		239.2	9.8	4.0	3.6	5.8	9.4	3.8	3.4	5.6
Transportation and public utilities .....		4.0	25.2	15.2	14.1	10.0	24.4	15.2	14.1	9.3
Services .....		140.2	8.9	2.2	2.0	6.6	8.7	2.1	1.9	6.5
Health services .....	80	4.8	17.9	11.5	8.3	6.4	16.8	10.9	7.8	5.9
Educational services .....	82	130.1	8.4	1.8	1.7	6.6	8.3	1.8	1.7	6.5
Public administration .....		92.2	9.9	5.8	5.2	4.1	9.2	5.4	4.8	3.8
Justice, public order, and safety .....	92	5.6	15.5	5.1	4.4	10.4	15.0	5.0	4.3	10.0

<sup>1</sup> 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).

<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. Employment in private households (SIC 88) is excluded.

<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> In 1996, air courier operations previously classified in Industry Groups 421, 422, 423, 452, 473, and 478 were reclassified to Industry Group 451. As a result, the 1996 estimates for these SIC's and Major Industry Groups 42, 45, and 47 are not comparable to those for prior years. In addition, the 1996 estimates for transportation and public utilities may have more variability than those for prior years.

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