

TABLE 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1997

Minnesota

Industry <sup>2</sup>	SIC code <sup>3</sup>	1997 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> .....		2,386.4	7.5	3.5	2.0	4.0	6.8	3.2	1.8	3.6
<b>Private industry<sup>7</sup></b> .....		2,089.3	7.6	3.6	2.0	4.0	6.9	3.2	1.9	3.7
<b>Agriculture, forestry, and fishing<sup>7</sup></b> .....		22.6	11.2	4.5	3.2	6.7	10.5	4.3	3.1	6.2
Agricultural production <sup>7</sup> .....	01-02	11.2	11.1	5.3	3.2	5.8	10.1	4.7	2.9	5.4
Agricultural production—livestock <sup>7</sup> .....	02	5.7	14.8	6.8	4.1	8.0	13.2	5.9	3.5	7.3
Agricultural services .....	07	11.1	10.9	3.9	3.3	7.1	10.5	3.9	3.3	6.6
<b>Mining<sup>8</sup></b> .....		7.9	6.1	3.1	2.3	2.9	5.9	3.1	2.2	2.9
Metal mining <sup>8</sup> .....	10	6.0	6.6	3.4	2.5	3.2	6.5	3.3	2.4	3.1
Iron ores <sup>8</sup> .....	101	6.0	6.6	3.4	2.5	3.2	6.5	3.3	2.4	3.1
<b>Construction</b> .....		93.5	11.9	5.4	4.6	6.5	11.6	5.1	4.3	6.4
General building contractors .....	15	21.0	10.9	4.8	4.0	6.1	10.6	4.5	3.7	6.1
Residential building construction .....	152	10.2	7.2	4.7	4.1	2.5	6.7	4.2	3.6	2.5
Nonresidential building construction .....	154	10.6	14.3	5.0	4.0	9.3	14.2	4.9	3.9	9.2
Heavy construction, except building .....	16	12.2	11.9	4.8	4.2	7.1	11.6	4.6	4.0	7.0
Highway and street construction .....	161	5.2	14.5	4.3	3.4	10.3	14.5	4.2	3.4	10.3
Heavy construction, except highway .....	162	7.0	9.8	5.2	4.7	4.7	9.4	5.0	4.5	4.4
Special trade contractors .....	17	60.3	12.3	5.7	4.9	6.6	11.9	5.5	4.6	6.5
Plumbing, heating, air-conditioning .....	171	14.4	11.4	4.4	3.6	6.9	11.1	4.3	3.4	6.8
Electrical work .....	173	11.9	14.7	5.5	4.8	9.2	14.6	5.5	4.8	9.1
Masonry, stonework, and plastering .....	174	7.5	11.8	7.3	7.1	4.5	11.8	7.3	7.1	4.5
<b>Manufacturing</b> .....		435.6	9.9	4.7	2.1	5.3	8.2	3.8	1.9	4.4
Durable goods .....		254.4	10.6	4.9	2.5	5.7	8.9	4.1	2.2	4.8
Lumber and wood products .....	24	19.9	14.3	7.2	2.7	7.1	11.8	6.1	2.3	5.7
Millwork, plywood and structural members .....	243	12.7	15.6	8.5	2.6	7.1	12.1	6.9	2.0	5.2
Millwork .....	2431	7.9	16.4	8.3	2.5	8.1	11.7	6.4	1.6	5.3
Furniture and fixtures .....	25	6.6	13.2	6.1	3.9	7.1	12.4	5.6	3.6	6.7
Stone, clay, and glass products .....	32	10.0	8.4	3.2	—	5.2	7.6	2.5	1.6	5.1
Primary metal industries .....	33	7.7	14.2	9.7	3.4	4.6	12.8	8.9	3.3	3.9
Fabricated metal products .....	34	36.3	12.4	5.5	3.3	6.9	11.5	5.1	3.1	6.4
Fabricated structural metal products .....	344	12.0	13.6	5.1	3.2	8.5	12.9	4.7	3.0	8.2
Metal forgings and stampings .....	346	5.0	17.0	8.1	4.8	9.0	15.7	7.4	4.3	8.3
Ordnance and accessories, n.e.c. ....	348	4.2	3.7	1.7	—	2.0	2.4	1.3	—	1.1
Industrial machinery and equipment .....	35	77.0	8.6	3.8	2.1	4.8	7.6	3.3	1.9	4.3
Farm and garden machinery .....	352	5.9	12.0	5.9	2.5	6.1	11.1	5.3	2.3	5.8
Metalworking machinery .....	354	6.9	9.7	3.6	2.2	6.0	8.8	3.3	2.0	5.5
General industrial machinery .....	356	9.6	12.3	6.6	3.1	5.7	11.6	6.0	3.1	5.6
Computer and office equipment .....	357	23.8	2.4	1.1	.6	1.3	—	—	.4	—
Refrigeration and service machinery .....	358	7.2	10.4	3.9	2.6	6.5	9.3	3.4	2.4	5.9
Industrial machinery, n.e.c. ....	359	13.0	11.1	3.8	1.9	7.3	9.7	3.1	1.5	6.6
Industrial machinery, n.e.c. ....	3599	10.1	10.9	3.4	1.8	7.4	9.9	2.8	1.4	7.0
Electronic and other electric equipment .....	36	34.4	9.0	3.1	1.7	5.9	7.7	2.6	1.5	5.1
Electrical industrial apparatus .....	362	3.9	3.6	1.5	.7	2.1	2.5	1.1	.5	1.3
Electronic components and accessories .....	367	15.7	12.3	3.7	2.2	8.6	10.8	3.0	1.9	7.7

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, 1997— Continued

Minnesota

Industry <sup>2</sup>	SIC code <sup>3</sup>	1997 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>	
Transportation equipment .....	37	14.2	28.2	14.4	6.9	13.8	19.7	11.0	6.1	8.7
Motor vehicles and equipment .....	371	6.6	37.4	19.2	9.8	18.2	24.2	14.5	9.0	9.6
Instruments and related products .....	38	40.5	5.7	2.9	1.1	2.8	3.2	1.5	.8	1.7
Measuring and controlling devices .....	382	14.3	6.3	3.1	1.1	3.1	3.7	2.0	.8	1.7
Medical instruments and supplies .....	384	19.2	5.9	3.3	1.2	2.6	3.0	1.4	.9	1.5
Miscellaneous manufacturing industries .....	39	7.9	11.4	5.8	2.2	5.6	11.0	5.7	2.2	5.3
<b>Nondurable goods .....</b>		181.2	9.0	4.3	1.7	4.7	7.4	3.5	1.6	3.9
Food and kindred products .....	20	53.9	12.5	6.5	2.4	6.1	9.7	4.9	2.2	4.7
Meat products .....	201	15.4	21.4	10.0	2.5	11.4	14.0	6.2	2.2	7.8
Poultry slaughtering and processing .....	2015	6.8	23.8	12.2	1.6	11.6	15.4	6.8	1.4	8.6
Dairy products .....	202	8.4	7.3	3.5	2.7	3.8	6.7	3.3	2.6	3.4
Preserved fruits and vegetables .....	203	5.6	8.0	5.5	1.8	2.5	7.7	5.3	1.7	2.4
Grain mill products .....	204	10.9	5.2	2.6	1.0	2.6	4.6	2.2	.8	2.5
Paper and allied products .....	26	30.2	5.2	2.1	.8	3.1	4.1	1.7	.7	2.5
Paper mills .....	262	5.3	6.5	1.5	.6	5.0	6.2	1.4	.6	4.8
Printing and publishing .....	27	55.0	5.9	2.6	1.3	3.2	4.7	2.0	1.2	2.7
Newspapers .....	271	9.6	4.0	1.3	.9	2.6	3.2	1.3	.9	1.9
Commercial printing .....	275	25.4	7.4	3.1	1.8	4.2	6.4	2.6	1.6	3.8
Chemicals and allied products .....	28	11.3	9.1	4.1	1.4	4.9	8.4	3.7	1.3	4.7
Rubber and miscellaneous plastics products .....	30	20.0	13.4	6.6	2.2	6.8	12.3	6.2	2.1	6.1
Miscellaneous plastics products, n.e.c. ....	308	17.4	13.6	6.7	2.2	6.8	12.8	6.5	2.2	6.3
<b>Transportation and public utilities<sup>8</sup> .....</b>		—	7.8	4.7	2.9	3.2	7.3	4.5	2.8	2.9
Railroad transportation <sup>8</sup> .....	40	—	3.7	2.3	1.6	1.3	3.6	2.3	1.6	1.3
Local and interurban passenger transit .....	41	12.1	6.8	3.3	2.8	3.5	6.8	3.3	2.8	3.5
Trucking and warehousing .....	42	29.3	10.6	7.3	4.7	—	10.2	7.1	4.6	—
Trucking and courier services, except air .....	421	28.0	10.4	7.3	4.7	—	10.0	7.1	4.6	—
Transportation by air .....	45	30.9	10.9	7.2	3.9	3.7	10.4	6.9	3.7	3.5
Transportation services .....	47	8.8	3.1	1.4	1.1	1.7	3.0	1.4	1.0	1.6
Communications .....	48	21.3	4.2	1.8	1.5	2.4	3.3	1.6	1.3	1.7
Telephone communications .....	481	13.8	4.9	2.2	1.8	2.7	3.6	1.9	1.6	1.7
Electric, gas, and sanitary services .....	49	14.6	7.7	2.8	1.7	4.9	6.8	2.6	1.5	4.2
Electric services .....	491	8.1	6.3	2.2	1.2	4.1	5.1	2.2	1.2	2.9
<b>Wholesale and retail trade .....</b>		598.4	7.4	2.9	1.7	4.4	7.2	2.8	1.7	4.3
Wholesale trade .....		150.4	8.0	3.6	2.0	4.3	7.7	3.5	1.9	4.2
Wholesale trade—durable goods .....	50	88.6	7.6	3.5	1.9	4.1	7.2	3.4	1.8	3.9
Motor vehicles, parts, and supplies .....	501	11.0	10.0	4.2	2.6	5.8	9.5	3.9	2.5	5.6
Lumber and construction materials .....	503	5.4	9.2	5.0	3.2	4.2	9.2	5.0	3.2	4.2
Professional and commercial equipment .....	504	23.0	6.1	2.7	1.6	3.4	5.4	2.5	1.4	2.9
Machinery, equipment, and supplies .....	508	19.9	9.9	3.6	2.0	6.3	9.9	3.6	2.0	6.3
Wholesale trade—nondurable goods .....	51	61.8	8.5	3.8	2.1	4.6	8.3	3.8	2.0	4.5
Groceries and related products .....	514	19.6	13.2	6.3	2.7	6.9	13.0	6.2	2.6	6.8
Retail trade .....		448.0	7.0	2.5	1.6	4.5	6.9	2.5	1.5	4.4
Building materials and garden supplies .....	52	19.7	9.6	5.0	3.3	4.6	9.5	5.0	3.3	4.5
Lumber and other building materials .....	521	11.4	11.8	5.7	3.9	6.1	11.6	5.7	3.9	5.9

See footnotes at end of table.

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				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
General merchandise stores .....	53	63.3	8.4	3.9	1.8	4.5	8.3	3.8	1.7	4.5
Department stores .....	531	57.0	9.1	4.0	1.6	5.0	8.9	3.9	1.5	4.9
Food stores .....	54	60.3	10.7	3.6	1.7	7.2	10.5	3.4	1.6	7.1
Grocery stores .....	541	52.5	11.9	3.9	1.8	8.0	11.6	3.7	1.7	7.9
Automotive dealers and service stations .....	55	51.9	9.7	4.0	2.9	5.6	9.5	4.0	2.8	5.5
New and used car dealers .....	551	20.0	12.9	4.2	3.0	8.7	12.9	4.2	2.9	8.7
Apparel and accessory stores .....	56	18.4	2.7	.9	.5	1.8	2.4	.8	.5	1.6
Furniture and home furnishings stores .....	57	21.1	4.4	2.6	1.3	1.9	4.4	2.5	1.3	1.9
Eating and drinking places .....	58	149.8	4.9	.6	.5	4.3	4.8	.6	.5	4.2
Miscellaneous retail .....	59	63.5	5.3	2.2	1.6	3.1	5.1	2.1	1.6	3.1
<b>Finance, insurance, and real estate</b> .....		145.1	1.6	.8	.4	.8	1.3	.6	.3	.7
Real estate .....	65	24.5	3.3	1.7	1.5	1.6	3.3	1.7	1.5	1.6
<b>Services</b> .....		667.8	6.4	3.3	1.8	3.1	5.9	3.2	1.7	2.8
Hotels and other lodging places .....	70	27.6	9.3	3.4	1.8	5.9	9.1	3.3	1.7	5.8
Hotels and motels .....	701	26.3	9.5	3.5	1.8	6.0	9.3	3.4	1.7	5.9
Personal services .....	72	25.6	4.9	2.4	1.5	2.6	4.5	2.2	1.5	2.4
Business services .....	73	154.3	3.9	1.9	1.1	2.0	3.8	1.8	1.1	2.0
Auto repair, services, and parking .....	75	21.6	6.7	2.4	2.0	4.2	5.7	2.1	1.7	3.5
Miscellaneous repair services .....	76	5.5	6.2	2.6	1.7	3.6	6.2	2.6	1.7	3.6
Motion pictures .....	78	8.9	2.4	.4	.4	2.0	2.4	.4	.4	2.0
Amusement and recreation services .....	79	41.7	8.3	4.4	1.9	3.9	8.2	4.4	1.9	3.8
Miscellaneous amusement, recreation services .....	799	33.5	7.5	4.1	1.8	3.4	7.5	4.1	1.8	3.4
Health services .....	80	202.6	9.1	5.4	2.8	3.7	8.3	5.1	2.7	3.1
Nursing and personal care facilities .....	805	49.2	17.7	12.5	5.3	5.2	17.4	12.4	5.2	5.0
Hospitals .....	806	63.7	11.4	6.8	4.4	4.7	9.9	6.2	4.1	3.6
Home health care services .....	808	10.3	11.5	7.1	3.9	4.3	11.2	7.0	3.8	4.2
Educational services .....	82	23.5	2.2	.8	.6	1.5	2.2	.7	.6	1.4
Social services .....	83	65.3	8.2	3.8	1.7	4.3	7.8	3.8	1.7	4.0
Residential care .....	836	23.2	11.1	5.9	2.6	5.2	10.9	5.9	2.6	5.1
<b>State and local government</b> .....		297.1	6.6	2.7	1.9	3.9	6.2	2.6	1.8	3.6
<b>State government</b> .....		64.7	4.2	1.8	1.4	2.4	3.7	1.6	1.2	2.1
<b>Construction</b> .....		4.1	15.6	5.6	2.6	10.0	14.7	5.2	2.4	9.5
<b>Services</b> .....		37.1	3.2	1.6	1.4	1.6	2.8	1.5	1.2	1.3
Health services .....	80	5.3	10.9	6.7	5.3	4.2	9.9	6.5	5.1	3.4
<b>Public administration</b> .....		23.1	3.9	1.4	1.1	2.5	3.4	1.3	1.0	2.1
<b>Local government</b> .....		232.4	7.5	3.1	2.1	4.4	7.1	2.9	2.0	4.1
<b>Services</b> .....		152.3	7.2	2.7	1.7	4.5	6.8	2.5	1.6	4.3
Nursing and personal care facilities .....	805	4.3	22.7	13.6	6.9	9.0	22.2	13.2	6.5	9.0
Hospitals .....	806	17.4	15.2	6.0	3.9	9.2	13.5	5.4	3.5	8.1

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, 1997— Continued

Minnesota

Industry <sup>2</sup>	SIC code <sup>3</sup>	1997 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>	
Educational services .....	82	123.7	5.8	1.9	1.3	3.9	5.5	1.8	1.2	3.7
Elementary and secondary schools .....	821	119.4	5.9	1.9	1.3	4.0	5.6	1.8	1.2	3.9
<b>Public administration</b> .....		71.8	7.0	3.5	2.7	3.5	6.8	3.4	2.6	3.4

<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.

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