

Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1998

Maryland

Industry <sup>2</sup>	SIC code <sup>3</sup>	1998 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>		2,146.6	5.2	2.5	2.0	2.7	5.1	2.5	2.0	2.6
<b>Private Industry<sup>7</sup></b>		1,854.3	5.0	2.4	1.9	2.6	4.8	2.3	1.8	2.5
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		20.6	6.7	3.2	2.7	3.5	6.5	3.1	2.6	3.4
Agricultural services	07	16.5	6.5	3.0	2.6	3.5	6.3	2.9	2.6	3.4
Veterinary services	074	4.4	11.7	1.5	0.6	10.2	11.7	1.5	0.6	10.2
Landscape and horticultural services	078	10.8	5.2	3.5	3.3	1.7	5.1	3.5	3.2	1.6
<b>Mining<sup>8</sup></b>		1.3	5.0	2.6	2.3	2.5	4.9	2.4	2.1	2.5
<b>Construction</b>		140.9	7.2	3.8	3.3	3.4	7.1	3.8	3.3	3.3
General building contractors	15	32.7	5.7	3.2	2.3	2.5	5.7	3.1	2.3	2.5
Residential building construction	152	18.9	4.4	3.1	2.6	1.3	4.4	3.1	2.6	1.3
Nonresidential building construction	154	12.2	7.6	3.3	2.1	4.3	7.6	3.3	2.1	4.3
Heavy construction, except building	16	14.2	12.9	5.7	4.8	7.2	12.4	5.7	4.8	6.7
Highway and street construction	161	4.9	10.9	4.5	3.5	6.3	10.8	4.5	3.5	6.3
Heavy construction, except highway	162	9.4	13.9	6.3	5.5	7.6	13.1	6.3	5.4	6.8
Special trade contractors	17	93.9	6.8	3.7	3.5	3.1	6.7	3.7	3.4	3.1
Plumbing, heating, air-conditioning	171	23.1	4.0	1.4	0.9	2.6	4.0	1.4	0.9	2.6
Painting and paper hanging	172	5.0	4.2	3.6	3.5	0.6	4.2	3.6	3.5	0.6
Electrical work	173	20.7	8.5	3.9	3.6	4.6	8.5	3.9	3.6	4.6
Masonry, stonework, and plastering	174	12.1	7.1	4.1	4.1	3.0	6.7	3.8	3.8	2.9
Carpentry and floor work	175	5.9	6.9	4.0	4.0	2.9	6.7	3.9	3.9	2.9
Roofing, siding, and sheet metal work	176	5.0	11.2	7.4	6.9	3.8	11.2	7.4	6.9	3.8
Concrete work	177	6.9	8.4	5.5	5.5	2.9	8.3	5.4	5.4	2.9
Miscellaneous special trade contractors	179	14.9	7.1	4.7	4.2	2.4	7.1	4.7	4.2	2.4
<b>Manufacturing</b>		178.0	7.7	3.9	2.2	3.8	7.3	3.7	2.1	3.6
Durable goods		87.4	7.9	3.9	2.1	4.0	7.5	3.7	2.0	3.8
Lumber and wood products	24	4.5	8.2	3.3	3.2	4.9	8.1	3.3	3.2	4.8
Furniture and fixtures	25	3.2	12.7	5.5	3.5	7.2	12.7	5.5	3.5	7.2
Stone, clay, and glass products	32	6.0	7.0	5.3	3.6	1.7	6.9	5.3	3.6	1.6
Concrete, gypsum, and plaster products	327	3.9	6.6	5.2	4.2	1.4	6.6	5.2	4.2	1.4
Ready-mixed concrete	3273	2.0	7.2	6.1	4.9	--	7.2	6.1	4.9	--
Primary metal industries	33	8.0	12.6	6.9	2.9	5.6	12.4	6.9	2.9	5.6
Fabricated metal products	34	9.3	14.2	8.1	4.7	6.0	13.7	7.9	4.4	5.8
Fabricated structural metal products	344	3.5	16.4	8.9	6.7	7.5	15.4	8.4	6.2	7.0
Industrial machinery and equipment	35	15.9	9.4	3.5	1.7	5.9	8.8	3.2	1.6	5.6
Metalworking machinery	354	4.3	3.8	1.3	0.8	2.5	3.4	1.3	0.8	2.2
Industrial machinery, n.e.c.	359	2.9	5.9	2.1	1.0	3.7	5.8	2.0	0.8	3.7
Electronic and other electric equipment	36	13.6	3.0	1.3	1.1	1.7	2.9	1.2	1.1	1.6
Electronic components and accessories	367	4.0	6.8	2.5	2.2	4.4	6.7	2.5	2.2	4.2
Transportation equipment	37	10.8	11.7	5.6	1.8	6.2	10.3	5.0	1.6	5.3
Motor vehicles and equipment	371	4.8	16.6	6.4	1.5	10.2	14.0	5.7	1.5	8.4
Instruments and related products	38	13.9	1.4	0.6	0.4	0.9	1.4	0.5	0.3	0.9
Nondurable goods		--	7.6	4.0	2.2	3.6	7.1	3.7	2.1	3.4

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, 1998 -- Continued**

**Maryland**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1998 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>	
Food and kindred products	20	21.6	12.6	7.0	3.6	5.5	11.7	6.5	3.5	5.2
Meat products	201	4.2	11.9	7.1	2.2	4.8	7.8	4.7	1.9	3.2
Poultry slaughtering and processing	2015	3.8	12.0	7.1	1.8	4.9	7.5	4.5	1.4	3.1
Preserved fruits and vegetables	203	1.4	19.6	9.8	9.8	9.8	19.6	9.8	9.8	9.8
Bakery products	205	3.1	9.7	4.7	4.7	4.9	9.6	4.7	4.7	4.9
Bread, cake, and related products	2051	3.0	9.9	4.8	4.8	5.1	9.8	4.7	4.7	5.1
Beverages	208	3.9	19.6	10.8	5.6	8.8	19.6	10.8	5.6	8.8
Bottled and canned soft drinks	2086	3.2	19.8	11.6	5.6	8.2	19.8	11.6	5.6	8.2
Miscellaneous food and kindred products	209	4.8	7.1	4.6	0.9	2.5	6.8	--	0.9	2.5
Apparel and other textile products	23	5.1	3.2	1.2	0.8	2.0	2.8	0.9	0.4	2.0
Paper and allied products	26	7.5	4.1	2.6	1.0	1.5	4.0	2.6	1.0	1.4
Paperboard containers and boxes	265	4.4	3.2	2.2	0.5	1.0	3.2	2.2	0.5	1.0
Sanitary food containers	2656	2.7	3.2	2.9	0.5	0.4	3.2	2.9	0.5	0.4
Printing and publishing	27	28.8	5.4	2.3	1.4	3.1	5.3	2.3	1.4	3.1
Newspapers	271	5.8	3.2	1.2	1.1	2.0	3.1	1.2	1.1	2.0
Commercial printing	275	11.9	6.2	2.4	1.8	3.8	6.2	2.4	1.8	3.8
Commercial printing, lithographic	2752	8.2	6.0	2.1	1.5	3.9	6.0	2.1	1.5	3.9
Commercial printing, n.e.c.	2759	3.2	6.3	2.6	2.6	3.7	6.3	2.6	2.6	3.7
Chemicals and allied products	28	14.2	5.2	2.7	1.9	2.5	4.5	2.5	1.7	2.0
Rubber and miscellaneous plastics products	30	9.6	12.1	6.9	4.0	5.1	11.4	6.5	3.7	4.9
Miscellaneous plastics products, n.e.c.	308	8.1	12.2	6.9	3.6	5.3	11.4	6.5	3.3	5.0
Plastics products, n.e.c.	3089	4.7	12.5	7.7	4.7	4.8	11.4	7.0	4.2	4.5
<b>Transportation and public utilities<sup>8</sup></b>		103.8	5.4	3.5	2.8	1.9	5.3	3.5	2.8	1.8
Local and interurban passenger transit	41	8.8	4.8	2.8	2.1	1.9	4.7	2.8	2.1	1.9
Trucking and warehousing	42	26.4	8.1	5.2	4.5	3.0	8.1	5.2	4.5	3.0
Trucking and courier services, except air	421	23.1	7.3	5.0	4.5	2.3	7.3	5.0	4.5	2.3
Water transportation	44	3.6	14.4	8.0	3.6	6.4	14.4	7.9	3.6	6.4
Transportation services	47	5.9	2.3	1.5	1.1	0.8	2.3	1.5	1.1	0.8
Communications	48	30.1	2.5	1.5	1.0	1.1	2.4	1.4	1.0	1.0
Telephone communications	481	18.3	2.0	1.2	1.0	0.8	1.8	1.2	0.9	0.7
Electric, gas, and sanitary services	49	13.5	4.4	2.5	1.2	2.0	4.1	2.4	1.2	1.7
Electric services	491	3.1	3.6	1.8	1.1	1.8	3.6	1.8	1.1	1.8
Combination utility services	493	--	2.0	1.1	0.2	0.8	1.4	1.0	0.2	0.4
<b>Wholesale and retail trade</b>		540.7	5.7	2.4	2.0	3.2	5.6	2.4	2.0	3.2
Wholesale trade		110.7	5.3	3.1	2.3	2.2	5.2	3.0	2.3	2.1
Wholesale trade--durable goods	50	68.2	4.1	2.1	1.5	2.0	4.0	2.0	1.4	2.0
Motor vehicles, parts, and supplies	501	8.1	5.2	2.2	1.8	3.0	5.2	2.2	1.8	3.0
Lumber and construction materials	503	6.2	12.9	6.2	4.0	6.7	12.9	6.2	4.0	6.6
Professional and commercial equipment	504	19.7	2.2	1.1	0.9	1.2	2.1	1.0	0.9	1.1
Wholesale trade--nondurable goods	51	42.5	7.2	4.7	3.7	2.5	7.0	4.6	3.7	2.4
Groceries and related products	514	17.2	9.5	6.8	5.3	2.8	9.3	6.7	5.2	2.5
Beer, wine, and distilled beverages	518	2.7	8.8	5.2	3.1	3.5	8.6	5.1	3.0	3.5
Retail trade		429.9	5.8	2.2	1.9	3.5	5.8	2.2	1.9	3.5

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 <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Building materials and garden supplies	52	18.2	6.0	3.5	3.2	2.5	6.0	3.5	3.2	2.5
Lumber and other building materials	521	12.2	7.6	4.3	3.9	3.4	7.6	4.3	3.9	3.4
General merchandise stores	53	46.7	10.0	2.9	2.7	7.0	10.0	2.9	2.7	7.0
Department stores	531	42.6	10.4	2.9	2.6	7.5	10.4	2.9	2.6	7.5
Food stores	54	66.8	6.8	2.5	2.2	4.3	6.7	2.4	2.1	4.3
Grocery stores	541	58.8	7.2	2.6	2.3	4.6	7.2	2.6	2.3	4.6
Automotive dealers and service stations	55	43.7	6.1	2.8	2.3	3.3	6.1	2.7	2.3	3.3
New and used car dealers	551	22.0	8.8	3.8	3.1	5.0	8.7	3.7	3.0	5.0
Gasoline service stations	554	11.3	1.6	0.8	0.8	0.8	1.6	0.8	0.8	0.8
Apparel and accessory stores	56	23.6	2.8	1.4	1.3	1.4	2.8	1.4	1.3	1.4
Furniture and homefurnishings stores	57	22.7	3.1	1.5	1.2	1.6	3.1	1.5	1.2	1.6
Eating and drinking places	58	142.7	5.7	2.0	1.7	3.7	5.7	2.0	1.7	3.7
Miscellaneous retail	59	65.3	3.9	1.7	1.4	2.2	3.8	1.6	1.4	2.2
Miscellaneous shopping goods stores	594	24.0	2.6	1.2	1.1	1.4	2.6	1.2	1.1	1.4
<b>Finance, insurance, and real estate</b>		134.4	1.6	0.8	0.6	0.8	1.5	0.8	0.6	0.8
Depository institutions	60	33.2	1.1	0.4	0.4	0.7	1.1	0.4	0.4	0.7
Commercial banks	602	21.7	1.0	0.5	0.5	0.5	1.0	0.5	0.4	0.5
Insurance carriers	63	25.4	1.3	0.3	0.3	1.0	1.2	0.3	0.3	0.9
Insurance agents, brokers, and service	64	11.9	0.3	0.1	0.1	0.1	0.3	0.1	0.1	0.1
Real estate	65	35.4	3.9	2.3	1.7	1.6	3.8	2.2	1.7	1.6
Real estate agents and managers	653	18.9	3.1	1.7	1.5	1.4	3.1	1.7	1.5	1.4
<b>Services</b>		726.9	3.8	1.8	1.4	2.0	3.7	1.7	1.4	2.0
Hotels and other lodging places	70	23.9	2.4	1.1	0.9	1.4	2.4	1.1	0.9	1.3
Hotels and motels	701	23.3	2.5	1.1	0.9	1.4	2.5	1.1	0.9	1.4
Personal services	72	26.5	2.6	1.3	0.8	1.3	2.5	1.3	0.8	1.2
Laundry, cleaning, and garment services	721	7.6	4.6	2.5	2.0	2.2	4.6	2.4	2.0	2.1
Beauty shops	723	11.8	1.1	0.5	0.5	0.6	1.0	0.5	0.5	0.5
Business services	73	195.9	2.5	1.2	1.0	1.3	2.5	1.2	1.0	1.3
Auto repair, services, and parking	75	22.5	3.3	1.2	0.7	2.1	3.3	1.1	0.7	2.1
Miscellaneous repair services	76	6.9	3.6	2.4	1.9	1.2	3.5	2.4	1.8	1.2
Amusement and recreation services	79	29.2	5.4	2.0	1.9	3.4	5.3	1.9	1.8	3.3
Health services	80	194.0	6.7	3.4	2.6	3.3	6.4	3.4	2.6	3.1
Nursing and personal care facilities	805	32.9	14.1	9.9	7.4	4.2	13.4	9.9	7.4	3.5
Hospitals	806	80.9	7.3	3.1	2.3	4.2	7.0	3.1	2.3	4.0
Educational services	82	36.2	1.6	0.8	0.6	0.8	1.5	0.8	0.6	0.7
Social services	83	54.8	6.7	2.3	1.9	4.4	6.7	2.3	1.9	4.4
Museums, botanical, zoological gardens	84	1.6	5.6	2.9	2.9	2.7	5.6	2.9	2.9	2.7
Membership organizations	86	15.7	1.2	0.4	0.3	0.8	1.1	0.4	0.3	0.7
Engineering and management services	87	96.6	1.7	0.7	0.6	1.0	1.6	0.6	0.5	1.0
<b>State and local government</b>		292.3	6.9	3.5	3.0	3.4	6.6	3.3	2.9	3.3
<b>State government</b>		89.2	5.4	2.9	2.7	2.5	5.2	2.8	2.6	2.4
<b>Services</b>		36.7	4.0	1.7	1.6	2.2	3.9	1.7	1.6	2.2
<b>Public administration</b>		49.1	5.4	3.1	2.8	2.4	5.2	2.8	2.6	2.3

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, 1998 -- Continued**

**Maryland**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1998 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>	
Executive, legislative, and general	91	2.7	3.7	2.1	2.1	1.5	3.3	1.9	1.8	1.4
Environmental quality and housing	95	--	2.4	1.7	1.7	0.7	2.3	1.6	1.6	0.7
Administration of economic programs	96	9.6	4.1	2.0	1.4	2.1	3.8	1.8	1.2	2.0
<b>Local government</b>		203.1	7.9	3.9	3.3	4.0	7.5	3.7	3.1	3.8
<b>Transportation and public utilities</b>		4.0	16.5	13.5	12.2	3.0	15.1	12.6	11.4	2.5
<b>Public administration</b>		68.4	9.0	4.5	3.8	4.5	8.7	4.4	3.7	4.3
Executive, legislative, and general	91	50.1	3.9	2.1	1.6	1.7	3.8	2.1	1.6	1.7
<b>Services</b>		130.3	6.3	2.6	2.3	3.7	6.0	2.4	2.1	3.6
Justice, public order, and safety	92	6.6	12.7	6.0	5.1	6.7	12.2	5.8	5.0	6.3

<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. 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> 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.