

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

**New York**

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>		7,921.1	5.1	2.7	2.5	2.4	4.9	2.6	2.4	2.3
<b>Private Industry<sup>7</sup></b>		6,703.0	4.3	2.2	1.9	2.1	4.0	2.1	1.9	2.0
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		47.2	4.8	2.9	2.9	1.9	4.7	2.9	2.8	1.8
Agricultural production-crops <sup>7</sup>	01	10.7	3.2	1.9	1.9	1.3	3.2	1.9	1.9	1.3
Agricultural production - livestock <sup>7</sup>	02	5.7	3.3	2.1	2.1	--	3.3	2.1	2.1	--
Agricultural services	07	30.4	5.5	3.3	3.2	2.2	5.3	3.2	3.2	2.1
Landscape and horticultural services	078	17.7	2.8	2.2	2.2	0.6	2.7	2.2	2.2	0.6
<b>Mining<sup>8</sup></b>		4.4	4.9	3.4	2.9	--	4.7	3.4	2.8	--
<b>Construction</b>		281.8	6.5	3.2	3.1	3.2	6.4	3.1	3.0	3.2
General building contractors	15	59.2	5.4	3.1	2.8	2.3	5.2	3.0	2.7	2.2
Nonresidential building construction	154	30.6	8.0	4.7	4.2	3.4	7.7	4.5	4.0	3.2
Heavy construction, except building	16	24.9	5.7	2.9	2.8	2.7	5.7	2.9	2.8	2.7
Special trade contractors	17	197.7	6.9	3.3	3.2	3.6	6.8	3.2	3.1	3.6
Plumbing, heating, air-conditioning	171	42.9	7.9	3.3	3.2	4.6	7.9	3.3	3.2	4.6
Electrical work	173	45.8	7.2	3.4	3.3	3.8	7.2	3.4	3.3	3.8
Masonry, stonework, and plastering	174	21.5	9.1	4.1	4.1	--	8.7	3.7	3.7	--
Carpentry and floor work	175	18.1	5.2	2.7	2.7	2.5	5.2	2.7	2.7	2.5
Roofing, siding, and sheet metal work	176	10.0	5.7	2.6	2.4	3.1	5.6	2.6	2.4	3.0
Miscellaneous special trade contractors	179	37.3	6.2	3.3	2.9	3.0	6.0	3.1	2.7	3.0
<b>Manufacturing</b>		910.9	5.4	2.9	2.3	2.5	4.8	2.6	2.1	2.2
Durable goods		483.8	6.3	3.2	2.4	3.1	5.3	2.8	2.2	2.5
Lumber and wood products	24	14.5	8.8	7.3	6.9	1.5	8.7	7.2	6.8	1.5
Furniture and fixtures	25	17.0	7.8	4.8	4.0	3.0	7.3	4.5	3.9	2.8
Stone, clay, and glass products	32	25.4	6.3	2.9	1.8	3.4	5.8	2.7	1.6	3.1
Primary metal industries	33	19.7	9.8	5.4	4.7	4.4	9.1	5.3	4.6	3.8
Fabricated metal products	34	57.0	8.6	4.8	4.1	3.8	7.8	4.6	4.0	3.2
Fabricated structural metal products	344	20.4	10.1	6.6	6.2	3.5	9.7	6.5	6.1	3.2
Metalworking machinery	354	13.1	6.0	2.4	1.9	3.6	5.5	2.2	1.7	3.3
General industrial machinery	356	17.1	7.6	2.8	2.2	4.9	7.2	2.6	2.0	4.6
Industrial machinery, n.e.c.	359	16.2	6.6	3.9	3.0	2.8	5.9	3.2	2.7	2.6
Electronic and other electric equipment	36	80.9	4.6	2.3	1.9	2.3	3.6	1.9	1.5	1.8
Electric lighting and wiring equipment	364	11.9	6.0	2.9	2.2	3.1	5.2	2.7	2.1	2.6
Communications equipment	366	11.3	5.7	2.2	1.3	3.5	3.3	0.7	0.7	2.6
Electronic components and accessories	367	35.2	4.0	2.1	1.7	1.9	3.4	1.9	1.5	1.5
Semiconductors and related devices	3674	10.0	2.0	0.8	0.6	1.1	1.1	0.7	0.6	0.4
Electronic components, n.e.c.	3679	8.9	2.8	0.8	0.8	2.0	2.8	0.8	0.8	2.0
Transportation equipment	37	40.8	13.4	6.4	4.0	7.0	10.6	5.4	3.5	5.2
Aircraft and parts	372	6.8	6.9	5.5	4.3	1.5	6.8	5.3	4.2	1.4
Instruments and related products	38	91.5	3.5	1.6	1.0	1.9	--	1.2	0.8	--
Medical instruments and supplies	384	15.1	3.8	1.4	1.1	2.4	2.9	1.0	0.8	1.9
Miscellaneous manufactures	399	13.6	1.6	1.2	1.2	0.3	1.5	1.1	1.1	0.3
Nondurable goods		427.1	4.4	2.5	2.1	1.9	4.1	2.3	2.0	1.8

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**

**New York**

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	58.6	9.0	5.1	4.2	3.8	8.5	4.8	4.0	3.7
Bakery products	205	13.7	8.0	5.5	3.5	2.5	7.3	4.9	3.4	2.4
Beverages	208	10.3	7.3	3.9	2.7	3.4	6.9	3.9	2.6	3.0
Textile mill products	22	16.9	3.7	2.0	1.6	1.7	3.5	1.9	1.5	1.6
Knitting mills	225	10.8	1.4	1.0	0.9	0.3	1.4	1.0	0.9	0.3
Miscellaneous fabricated textile products	239	10.6	2.1	0.9	0.8	1.1	1.6	0.9	0.8	0.7
Paper and allied products	26	31.8	8.6	4.7	3.8	3.9	8.3	4.6	3.7	3.7
Paper mills	262	8.2	13.5	5.5	3.4	--	--	5.5	3.4	--
Paperboard containers and boxes	265	10.1	8.6	4.7	4.0	3.8	8.2	4.5	4.0	3.7
Miscellaneous converted paper products	267	12.5	5.1	3.7	3.2	1.5	5.1	3.6	3.2	1.5
Printing and publishing	27	136.7	3.6	2.0	1.8	1.6	3.3	1.8	1.8	1.5
Newspapers	271	32.1	3.3	1.7	1.7	1.5	2.6	1.5	1.5	1.0
Periodicals	272	33.7	1.6	0.7	0.7	0.9	1.6	0.7	0.7	0.9
Commercial printing	275	32.1	4.8	2.7	2.5	2.1	4.6	2.5	2.5	2.0
Drugs	283	22.9	3.0	1.9	1.5	1.2	2.5	1.4	1.1	1.1
Soap, cleaners, and toilet goods	284	16.8	3.9	2.6	2.5	1.3	3.8	2.5	2.4	1.3
Rubber and miscellaneous plastics products	30	34.9	6.0	3.5	2.9	2.5	5.9	3.4	2.8	2.5
<b>Transportation and public utilities<sup>8</sup></b>		404.9	7.4	5.1	4.8	2.3	7.1	5.0	4.7	2.1
Railroad transportation <sup>8</sup>	40	--	6.1	5.1	4.4	1.0	5.9	4.9	4.3	1.0
Local and interurban passenger transit	41	58.8	6.2	3.5	3.5	2.7	5.6	3.4	3.4	2.2
Local and suburban transportation	411	24.2	8.6	4.8	4.7	3.9	7.5	4.7	4.6	2.9
School buses	415	26.7	4.2	2.3	2.3	1.9	4.1	2.2	2.2	1.9
Trucking and warehousing	42	65.3	7.8	5.1	5.0	2.7	7.8	5.1	5.0	2.7
Trucking and courier services, except air	421	59.5	7.9	5.3	5.1	2.7	7.9	5.3	5.1	2.7
Water transportation	44	8.6	5.2	3.0	3.0	2.1	5.2	3.0	3.0	2.1
Transportation by air	45	77.4	17.1	13.2	12.6	3.9	16.8	13.0	12.4	3.8
Air transportation, scheduled	451	65.6	18.4	14.6	13.9	3.8	18.1	14.4	13.7	3.7
Transportation services	47	32.3	1.2	0.6	0.6	--	--	0.6	0.6	--
Communications	48	112.4	4.5	3.2	3.0	1.4	4.2	3.0	2.8	1.2
Cable and other pay television services	484	18.0	3.3	1.5	1.5	1.8	3.2	1.5	1.5	1.7
Electric, gas, and sanitary services	49	50.0	5.4	2.9	1.9	2.5	4.9	2.8	1.8	2.1
Combination utility services	493	35.7	5.1	3.0	1.8	2.1	4.6	2.9	1.7	1.7
<b>Wholesale and retail trade</b>		1,655.3	4.1	2.0	1.8	2.1	4.0	1.9	1.7	2.1
Wholesale trade		434.4	3.6	2.0	1.8	1.6	3.6	2.0	1.8	1.6
Wholesale trade--durable goods	50	226.8	2.9	1.5	1.3	1.4	2.8	1.5	1.2	1.4
Motor vehicles, parts, and supplies	501	21.2	5.0	2.5	2.0	2.5	5.0	2.5	2.0	2.5
Furniture and homefurnishings	502	13.6	1.7	0.5	0.4	1.2	1.7	0.5	0.4	1.2
Professional and commercial equipment	504	59.8	2.2	1.6	--	0.6	2.2	1.5	--	0.6
Electrical goods	506	32.8	1.3	0.4	0.4	0.8	1.2	0.4	0.4	0.8
Hardware, plumbing and heating equipment	507	17.3	4.0	2.2	1.5	1.8	4.0	2.2	1.5	1.8
Machinery, equipment, and supplies	508	31.3	3.8	1.6	1.4	2.3	3.6	1.4	1.2	2.3
Miscellaneous durable goods	509	34.2	2.1	1.1	0.9	1.0	2.0	1.1	0.9	0.9
Wholesale trade--nondurable goods	51	207.5	4.4	2.5	2.4	--	4.4	2.5	2.4	--
Retail trade		1,220.9	4.3	2.0	1.8	2.3	4.2	1.9	1.7	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**

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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	45.9	4.6	2.5	2.2	2.0	4.5	2.5	2.2	2.0
Lumber and other building materials	521	29.1	5.7	3.1	2.5	2.6	5.7	3.1	2.5	2.6
General merchandise stores	53	122.6	5.1	2.2	1.7	2.9	4.5	2.1	1.7	2.4
Department stores	531	103.4	5.2	2.3	1.9	3.0	4.6	2.2	1.9	2.4
Miscellaneous general merchandise stores	539	11.4	2.9	0.8	0.8	2.2	2.9	0.8	0.8	2.2
Food stores	54	218.7	6.7	3.3	2.9	3.4	6.7	3.3	2.9	3.4
Automotive dealers and service stations	55	92.4	4.0	1.7	1.5	2.3	4.0	1.6	1.4	2.3
New and used car dealers	551	47.1	4.7	1.7	1.7	3.0	4.7	1.6	1.6	3.0
Auto and home supply stores	553	14.3	4.3	2.4	2.3	1.9	4.3	2.4	2.3	1.9
Gasoline service stations	554	24.1	1.8	1.0	1.0	0.9	1.8	1.0	1.0	0.9
Apparel and accessory stores	56	99.9	3.4	1.1	0.8	2.3	3.3	1.1	0.8	2.2
Furniture and homefurnishings stores	57	57.4	2.8	1.7	1.6	1.1	2.8	1.7	1.6	1.1
Furniture and homefurnishings stores	571	30.4	3.4	2.5	2.4	1.0	3.4	2.5	2.4	1.0
Eating and drinking places	58	395.7	4.0	1.8	1.8	2.2	3.9	1.7	1.7	2.2
Miscellaneous retail	59	188.4	2.8	1.2	1.2	1.6	2.8	1.2	1.1	1.6
Drug stores and proprietary stores	591	46.4	1.2	0.6	0.6	0.6	1.2	0.6	0.6	0.6
Miscellaneous shopping goods stores	594	63.2	3.5	0.9	0.8	2.6	3.5	0.9	0.8	2.6
Nonstore retailers	596	18.1	5.9	3.0	2.9	2.9	5.8	2.9	2.9	2.9
Fuel dealers	598	11.9	6.6	4.3	3.9	2.2	6.6	4.3	3.9	2.2
Retail stores, n.e.c.	599	39.1	0.9	0.5	0.5	0.4	0.8	0.4	0.4	0.4
<b>Finance, insurance, and real estate</b>		733.7	1.3	0.5	0.5	0.9	1.2	0.4	0.4	0.8
Depository institutions	60	188.2	2.0	0.2	0.2	1.7	1.8	0.2	0.2	1.6
Commercial banks	602	119.9	2.6	0.2	0.2	2.3	2.4	0.2	0.2	2.2
Nondepository institutions	61	25.7	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Security and commodity brokers	62	179.5	0.5	0.2	0.2	0.3	0.4	0.2	0.2	0.3
Insurance carriers	63	108.7	1.4	0.5	0.5	0.9	1.2	0.4	0.4	0.9
Insurance agents, brokers, and service	64	59.8	0.5	0.2	0.2	0.3	0.5	0.2	0.2	0.3
Real estate	65	150.9	2.3	1.3	1.3	1.0	2.2	1.3	1.3	1.0
Real estate operators and lessors	651	91.5	2.5	1.3	1.3	1.2	2.4	1.3	1.3	1.1
Holding and other investment offices	67	21.0	0.5	( <sup>9</sup> )	( <sup>9</sup> )	0.5	0.5	( <sup>9</sup> )	( <sup>9</sup> )	0.5
<b>Services</b>		2,640.3	3.9	1.8	1.7	2.1	3.8	1.8	1.6	2.0
Hotels and other lodging places	70	76.4	6.2	2.6	2.5	3.5	6.0	2.6	2.5	3.4
Personal services	72	76.5	1.9	1.0	0.9	0.9	1.6	1.0	0.9	0.6
Laundry, cleaning, and garment services	721	26.2	2.9	1.5	1.2	1.4	2.8	1.4	1.1	1.4
Beauty shops	723	27.9	2.0	1.1	1.1	0.9	1.3	1.1	1.1	0.2
Business services	73	534.9	1.6	0.7	0.7	0.9	1.5	0.7	0.7	0.8
Auto repair, services, and parking	75	60.0	3.0	1.8	1.7	1.2	3.0	1.8	1.7	1.2
Automotive repair shops	753	32.3	3.3	2.0	1.8	1.3	3.3	2.0	1.8	1.3
Miscellaneous repair services	76	19.7	6.3	3.9	3.6	2.4	6.2	3.8	3.6	2.4
Amusement and recreation services	79	106.3	4.3	1.8	1.6	2.4	4.2	1.8	1.6	2.4
Producers, orchestras, entertainers	792	29.9	5.6	2.3	2.2	3.3	5.6	2.3	2.2	3.3
Health services	80	752.5	7.7	3.4	3.0	4.3	7.4	3.3	2.9	4.1
Nursing and personal care facilities	805	130.6	10.3	6.4	5.6	4.0	10.0	6.2	5.4	3.8
Hospitals	806	322.8	10.5	3.8	3.7	6.7	10.1	3.7	3.6	6.4
Legal services	81	110.6	0.5	0.2	0.2	0.3	0.5	0.2	0.2	0.3
Educational services	82	224.7	3.1	1.4	1.3	1.7	2.9	1.4	1.3	1.5
Social services	83	301.7	4.2	2.6	2.5	1.6	4.1	2.5	2.4	1.6

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**

**New York**

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>	
Job training and related services	833	28.2	5.7	2.8	2.4	2.8	5.4	2.8	2.4	2.6
Child day care services	835	45.0	3.2	2.3	2.3	0.9	3.1	2.2	2.2	0.8
Residential care	836	68.2	7.4	4.1	4.0	3.3	7.4	4.1	4.0	3.3
Museums, botanical, zoological gardens	84	12.9	2.7	1.5	1.1	1.2	2.7	1.5	1.1	1.2
Membership organizations	86	94.8	2.2	1.0	1.0	1.2	2.2	1.0	1.0	1.2
Engineering and management services	87	208.8	1.1	0.6	--	0.5	1.0	0.5	--	0.4
Services, n.e.c.	89	3.5	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
<b>State and local government</b>		1,218.0	10.5	6.0	5.9	4.6	9.9	5.5	5.4	4.4
<b>State government</b>		233.4	9.2	4.9	4.7	4.3	8.8	4.7	4.6	4.1
<b>Transportation and public utilities</b>		10.6	4.6	4.1	4.1	0.5	4.6	4.1	4.1	0.5
<b>Services</b>		97.4	11.8	6.0	5.9	5.8	11.5	5.9	5.8	5.6
Amusement and recreation services	79	4.3	16.5	8.2	8.1	8.2	15.6	7.5	7.4	8.1
Health services	80	44.8	17.4	9.1	8.9	8.3	17.1	8.9	8.8	8.2
Nursing and personal care facilities	805	23.3	17.3	9.6	9.4	7.7	17.0	9.5	9.3	7.6
Hospitals	806	21.6	17.5	8.5	8.3	9.0	17.1	8.4	8.2	8.7
Psychiatric hospitals	8063	18.8	19.2	9.5	9.3	9.7	18.8	9.3	9.1	9.5
Educational services	82	42.4	4.3	1.9	1.9	2.4	4.1	1.8	1.8	2.3
<b>Public administration</b>		120.5	7.5	4.1	3.9	3.4	7.1	3.9	3.8	3.2
<b>Local government</b>		984.6	10.9	6.3	6.2	4.6	10.2	5.7	5.6	4.5
<b>Construction</b>		--	20.1	10.4	10.4	9.7	19.7	10.1	10.0	9.6
<b>Services</b>		571.8	8.3	3.9	3.8	4.5	8.2	3.8	3.7	4.4
Amusement and recreation services	79	7.2	9.9	3.6	3.5	6.3	9.7	3.6	3.4	6.1
Health services	80	58.4	13.9	7.7	7.5	6.3	13.6	7.6	7.4	6.0
Hospitals	806	47.4	11.7	6.3	6.3	5.4	11.3	6.2	6.2	5.1
Educational services	82	504.0	7.4	3.3	3.2	4.2	7.3	3.2	3.2	4.1
Colleges and universities	822	46.6	2.9	1.0	1.0	1.9	2.8	1.0	1.0	1.8
<b>Public administration</b>		335.6	14.3	9.6	9.4	4.7	12.5	8.0	7.8	4.5

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**

**New York**

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	201.0	5.9	3.3	3.2	2.6	5.6	3.1	3.0	2.5
Justice, public order, and safety	92	79.7	24.5	16.9	16.6	7.6	21.0	13.7	13.4	7.3
Police protection	9221	--	17.6	9.8	9.5	7.7	16.9	9.7	9.4	7.2
Correctional institutions	9223	--	13.2	12.1	11.5	1.1	13.1	12.1	11.5	1.0
Fire protection	9224	--	52.4	40.3	40.2	12.1	39.0	27.0	26.9	12.1

<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. 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.