

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Private industry [1,702,470 cases] <sup>7</sup> .....		188.3	50.8	25.4	12.9	8.5	10.4	21.1	6.1
<b>Agriculture, forestry, and fishing<sup>7</sup></b> .....		243.6	79.9	35.6	19.3	15.5	18.5	20.1	7.0
Agricultural production <sup>7</sup> .....	01-02	245.5	82.8	35.1	19.7	17.1	18.5	23.1	8.8
Agricultural production— crops <sup>7</sup> .....	01	210.7	71.2	26.2	16.9	14.8	16.1	18.8	8.1
Cash grains <sup>7</sup> .....	011	297.8	—	—	—	—	—	—	—
Field crops, except cash grains <sup>7</sup> .....	013	233.9	92.8	38.8	25.0	24.8	19.4	17.6	14.9
Vegetables and melons <sup>7</sup> .....	016	204.9	75.2	29.2	15.4	12.0	—	24.1	—
Fruits and tree nuts <sup>7</sup> .....	017	232.4	72.9	24.0	11.6	15.3	25.2	18.7	9.8
Horticultural specialties <sup>7</sup> .....	018	186.9	64.2	24.9	24.0	6.9	8.3	19.7	7.8
General farms, primarily crop <sup>7</sup> .....	019	201.8	57.0	—	—	37.4	—	—	—
Agricultural production— livestock <sup>7</sup> .....	02	351.8	118.0	62.3	28.1	24.1	25.9	36.3	11.2
Livestock, except dairy and poultry <sup>7</sup> .....	021	393.9	135.1	55.2	45.9	31.2	48.4	33.1	12.2
Dairy farms <sup>7</sup> .....	024	375.1	110.8	80.2	—	18.2	14.9	44.8	12.7
Animal specialties <sup>7</sup> .....	027	298.7	112.0	69.6	34.7	—	11.6	—	—
Agricultural services .....	07	242.4	76.8	34.6	19.2	14.2	18.8	18.3	5.9
Crop services .....	072	232.0	114.3	52.1	13.4	38.8	17.0	15.4	—
Veterinary services .....	074	175.5	11.7	—	—	—	10.1	11.3	—
Animal services, except veterinary .....	075	252.0	32.8	—	—	—	—	—	—
Farm labor and management services .....	076	169.1	52.3	17.0	14.5	7.4	25.1	18.2	7.1
Landscape and horticultural services .....	078	287.5	103.0	47.8	26.9	17.6	21.1	21.6	6.4
Forestry .....	08	218.4	102.0	69.4	—	8.4	—	—	—
Forestry services .....	085	221.6	133.2	—	—	—	—	—	—
Fishing, hunting, and trapping .....	09	—	—	—	—	—	—	20.4	—
<b>Mining<sup>8</sup></b> .....		201.8	81.5	44.9	16.9	19.0	19.3	16.0	1.8
Metal mining <sup>8</sup> .....	10	170.7	59.5	27.1	20.4	11.7	19.1	16.5	—
Iron ores <sup>8</sup> .....	101	248.9	60.6	23.2	28.4	7.7	21.9	28.4	—
Copper ores <sup>8</sup> .....	102	117.5	48.0	16.9	19.7	11.3	16.9	14.1	—
Lead and zinc ores <sup>8</sup> .....	103	190.1	66.3	39.8	—	—	22.1	—	—
Gold and silver ores <sup>8</sup> .....	104	127.3	46.6	22.9	14.1	9.6	15.5	8.1	—
Ferroalloy ores, except vanadium <sup>8</sup> .....	106	203.1	67.7	42.3	—	—	—	—	—
Miscellaneous metal ores <sup>8</sup> .....	109	369.5	171.8	90.2	43.0	38.7	30.1	34.4	—
Coal mining <sup>8</sup> .....	12	517.7	229.6	128.4	55.7	43.1	38.3	39.2	—
Bituminous coal and lignite mining <sup>8</sup> .....	122	518.5	230.7	129.5	55.2	43.7	37.9	39.2	—
Anthracite mining <sup>8</sup> .....	123	474.6	169.0	71.5	84.5	—	58.5	39.0	—
Oil and gas extraction .....	13	118.8	43.8	26.7	4.0	12.6	10.3	9.8	3.2
Crude petroleum and natural gas .....	131	76.5	18.5	11.5	4.2	—	5.0	6.5	4.1
Oil and gas field services .....	138	147.8	63.1	38.3	—	20.4	13.6	12.0	—
Nonmetallic minerals, except fuels <sup>8</sup> .....	14	202.1	81.1	39.0	21.2	20.6	28.2	15.3	—
Dimension stone <sup>8</sup> .....	141	443.1	226.8	145.6	20.8	60.3	31.2	39.5	—
Crushed and broken stone <sup>8</sup> .....	142	194.8	74.4	35.7	21.2	17.0	31.9	14.4	—
Sand and gravel <sup>8</sup> .....	144	195.8	83.3	40.5	22.2	20.6	26.9	13.1	—
Clay, ceramic, and refractory minerals <sup>7</sup> .....	145	175.4	67.3	27.3	17.3	22.7	16.4	17.3	—
Chemical and fertilizer minerals <sup>8</sup> .....	147	134.2	46.5	21.5	10.7	13.4	14.3	13.4	—
Miscellaneous nonmetallic minerals <sup>8</sup> .....	149	323.3	113.4	29.4	46.2	37.8	50.4	21.0	—
<b>Construction</b> .....		331.3	115.6	59.6	26.3	15.9	38.3	23.6	10.4
General building contractors .....	15	294.4	115.1	68.8	21.3	12.2	41.9	19.4	9.1
Residential building construction .....	152	301.2	114.8	64.2	23.7	11.2	51.0	20.3	6.1
Operative builders .....	153	103.3	30.1	20.8	5.2	4.2	—	21.3	6.2
Nonresidential building construction .....	154	295.1	119.2	76.0	19.4	13.6	33.3	18.3	12.5
Heavy construction, except building .....	16	277.5	98.8	53.5	19.3	20.0	21.4	18.4	8.5

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness,1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Private industry [1,702,470 cases] <sup>7</sup> .....	50.8	29.3	8.1	8.4	8.1	0.4	2.6	1.8	0.7	21.5
<b>Agriculture, forestry, and fishing<sup>7</sup></b> .....	39.2	23.6	5.6	13.1	10.5	—	20.2	.3	19.9	29.3
Agricultural production <sup>7</sup> .....	38.3	24.6	4.9	14.3	12.6	—	11.8	—	11.3	29.9
Agricultural production— crops <sup>7</sup> .....	38.0	25.5	3.4	13.3	12.7	—	—	—	—	28.2
Cash grains <sup>7</sup> .....	—	—	—	—	—	—	—	—	—	—
Field crops, except cash grains <sup>7</sup> .....	21.4	13.6	3.9	14.7	21.8	—	—	—	—	24.8
Vegetables and melons <sup>7</sup> .....	27.5	16.8	—	14.7	12.5	—	—	—	—	38.1
Fruits and tree nuts <sup>7</sup> .....	44.5	34.1	—	18.6	16.2	—	—	—	—	25.8
Horticultural specialties <sup>7</sup> .....	42.8	26.9	6.1	6.9	6.3	—	—	—	—	24.2
General farms, primarily crop <sup>7</sup> .....	—	—	—	—	—	—	—	—	—	42.9
Agricultural production— livestock <sup>7</sup> .....	39.3	21.9	9.5	17.3	12.4	1.0	45.8	—	44.2	35.1
Livestock, except dairy and poultry <sup>7</sup> .....	42.7	26.2	16.8	11.1	15.5	—	33.3	—	30.6	45.7
Dairy farms <sup>7</sup> .....	26.3	—	—	26.1	12.3	—	100.3	—	98.3	23.2
Animal specialties <sup>7</sup> .....	—	—	—	18.2	—	—	67.6	—	67.6	—
Agricultural services .....	40.4	23.4	5.4	11.9	9.2	—	26.3	—	26.1	29.2
Crop services .....	33.1	25.2	9.2	7.9	11.2	—	—	—	—	19.4
Veterinary services .....	16.8	9.7	—	—	—	—	102.4	—	102.4	—
Animal services, except veterinary .....	—	—	—	—	—	—	134.1	—	134.1	—
Farm labor and management services .....	16.7	16.1	—	—	—	—	—	—	—	34.7
Landscape and horticultural services .....	60.6	32.3	5.6	18.4	11.9	—	2.4	—	2.2	36.1
Forestry .....	18.1	7.1	24.4	—	8.3	—	—	—	—	21.0
Forestry services .....	—	—	—	—	—	—	—	—	—	—
Fishing, hunting, and trapping .....	—	—	—	—	—	—	—	—	—	—
<b>Mining<sup>8</sup></b> .....	57.9	21.3	2.5	8.7	3.0	.6	—	—	—	10.6
Metal mining <sup>8</sup> .....	60.3	17.0	—	8.5	—	—	—	—	—	6.4
Iron ores <sup>8</sup> .....	118.6	31.0	—	14.2	—	—	—	—	—	—
Copper ores <sup>8</sup> .....	29.2	9.4	—	—	—	—	—	—	—	6.6
Lead and zinc ores <sup>8</sup> .....	84.0	—	—	—	—	—	—	—	—	—
Gold and silver ores <sup>8</sup> .....	42.9	12.6	—	7.4	—	—	—	—	—	5.9
Ferrous alloy ores, except vanadium <sup>8</sup> .....	59.3	—	—	—	—	—	—	—	—	—
Miscellaneous metal ores <sup>8</sup> .....	85.9	25.8	—	25.8	—	—	—	—	—	21.5
Coal mining <sup>8</sup> .....	174.6	68.5	.9	12.5	1.4	—	—	—	—	20.8
Bituminous coal and lignite mining <sup>8</sup> .....	174.3	68.3	1.0	12.7	1.4	—	—	—	—	20.9
Anthracite mining <sup>8</sup> .....	188.5	78.0	—	—	—	—	—	—	—	—
Oil and gas extraction .....	23.4	8.2	4.4	7.3	4.8	—	—	—	—	11.0
Crude petroleum and natural gas .....	9.9	5.6	8.1	—	8.6	—	—	—	—	12.2
Oil and gas field services .....	33.3	10.3	—	9.5	—	—	—	—	—	9.6
Nonmetallic minerals, except fuels <sup>8</sup> .....	63.3	22.8	—	9.5	.6	—	—	—	—	4.0
Dimension stone <sup>8</sup> .....	133.1	66.6	—	—	—	—	—	—	—	—
Crushed and broken stone <sup>8</sup> .....	59.4	20.0	—	10.0	—	—	—	—	—	3.8
Sand and gravel <sup>8</sup> .....	56.6	19.1	—	10.4	—	—	—	—	—	5.2
Clay, ceramic, and refractory minerals <sup>7</sup> .....	67.3	24.5	—	—	—	—	—	—	—	—
Chemical and fertilizer minerals <sup>8</sup> .....	48.3	12.5	—	9.0	—	—	—	—	—	—
Miscellaneous nonmetallic minerals <sup>8</sup> .....	121.8	63.0	—	14.7	—	—	—	—	—	—
<b>Construction</b> .....	68.7	40.3	6.0	12.4	11.1	1.4	.8	.6	.3	43.1
General building contractors .....	58.5	35.9	4.8	5.6	4.9	—	—	—	—	34.6
Residential building construction .....	58.7	38.6	4.5	3.2	4.5	—	—	—	—	37.6
Operative builders .....	24.9	20.2	—	—	—	—	—	—	—	—
Nonresidential building construction .....	59.8	33.6	5.3	8.4	5.4	—	.3	—	—	32.3
Heavy construction, except building .....	54.6	33.9	3.0	12.2	23.2	1.2	.6	.4	.2	35.8

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Highway and street construction .....	161	283.2	98.9	55.2	21.3	17.1	18.6	16.1	9.9
Heavy construction, except highway .....	162	274.9	98.8	52.7	18.4	21.3	22.6	19.5	7.8
Special trade contractors .....	17	356.9	119.7	57.7	29.7	16.2	40.8	26.2	11.3
Plumbing, heating, air-conditioning .....	171	353.4	100.2	45.2	29.7	9.6	30.4	23.2	12.7
Painting and paper hanging .....	172	242.3	66.3	22.2	30.0	9.8	70.7	19.3	—
Electrical work .....	173	282.5	94.6	39.3	25.2	21.8	28.5	17.8	12.2
Masonry, stonework, and plastering .....	174	436.5	130.8	64.1	36.8	8.3	79.9	33.1	18.1
Carpentry and floor work .....	175	421.6	198.8	113.2	40.9	12.6	37.9	28.7	7.3
Roofing, siding, and sheet metal work ...	176	541.4	148.1	72.1	43.2	21.4	76.1	31.0	12.4
Concrete work .....	177	360.8	125.4	69.7	23.0	10.3	29.8	25.5	8.5
Water well drilling .....	178	514.0	148.1	—	—	—	—	—	—
Miscellaneous special trade contractors .....	179	328.2	135.2	67.5	24.4	26.1	26.9	35.7	8.6
<b>Manufacturing .....</b>		<b>217.7</b>	<b>72.8</b>	<b>30.7</b>	<b>16.9</b>	<b>18.8</b>	<b>7.1</b>	<b>17.3</b>	<b>5.6</b>
Durable goods .....		235.5	81.9	36.5	19.0	18.2	7.4	16.8	5.6
Lumber and wood products .....	24	394.0	175.1	90.6	41.3	32.7	16.8	26.7	8.5
Logging .....	241	487.1	197.0	160.3	23.1	—	13.2	66.4	—
Sawmills and planing mills .....	242	440.7	211.9	102.4	35.1	59.6	10.3	24.7	11.5
Sawmills and planing mills, general ...	2421	431.7	206.0	100.9	33.6	54.5	11.0	27.9	13.5
Hardwood dimension and flooring mills .....	2426	437.4	215.2	102.0	41.8	64.4	—	11.6	4.0
Millwork, plywood and structural members .....	243	347.2	144.0	75.2	30.7	25.5	9.6	21.0	8.1
Millwork .....	2431	343.3	127.2	60.6	33.2	22.9	7.0	23.1	8.6
Wood kitchen cabinets .....	2434	358.9	167.4	84.3	26.3	33.3	7.4	14.0	1.9
Hardwood veneer and plywood .....	2435	246.7	100.8	41.4	26.3	31.3	8.2	24.9	5.2
Softwood veneer and plywood .....	2436	121.9	33.6	—	—	—	—	—	4.7
Structural wood members, n.e.c. ....	2439	545.4	239.8	158.1	50.7	22.0	21.7	36.4	23.5
Wood containers .....	244	612.7	329.3	150.6	131.0	43.5	64.2	—	—
Wood pallets and skids .....	2448	606.5	341.0	176.7	112.7	48.0	75.6	—	—
Wood buildings and mobile homes .....	245	389.2	151.3	75.2	47.0	20.5	38.2	42.2	8.2
Mobile homes .....	2451	309.2	116.3	64.9	31.4	13.6	36.5	34.5	5.5
Prefabricated wood buildings .....	2452	661.7	270.7	110.5	99.9	44.2	44.2	68.3	17.3
Miscellaneous wood products .....	249	259.5	124.3	44.1	45.8	29.2	5.6	11.1	6.4
Wood preserving .....	2491	322.9	127.9	45.6	64.4	—	—	12.6	26.5
Reconstituted wood products .....	2493	141.5	56.4	22.9	5.2	24.7	5.1	8.5	—
Wood products, n.e.c. ....	2499	295.3	153.6	53.1	59.0	34.6	—	11.8	—
Furniture and fixtures .....	25	250.2	89.8	37.3	22.8	24.0	3.0	14.2	3.9
Household furniture .....	251	231.7	86.5	37.1	20.9	23.7	2.9	16.4	3.3
Wood household furniture .....	2511	216.0	96.5	39.3	22.3	29.0	2.8	14.2	2.9
Upholstered household furniture .....	2512	224.5	59.6	32.2	11.8	11.7	—	23.2	—
Metal household furniture .....	2514	214.3	78.4	29.8	30.7	14.7	—	9.5	5.1
Mattresses and bedspings .....	2515	320.8	116.7	44.2	34.6	32.0	8.2	12.8	4.2
Office furniture .....	252	221.5	75.6	27.7	31.6	8.9	1.4	9.4	5.1
Wood office furniture .....	2521	249.8	82.1	38.0	19.2	11.9	—	9.9	—
Office furniture, except wood .....	2522	198.9	70.4	19.5	41.5	6.5	—	9.0	8.1
Public building and related furniture .....	253	313.1	82.2	38.1	19.3	21.5	3.6	15.9	3.5
Partitions and fixtures .....	254	318.4	126.3	50.6	27.9	39.1	4.0	9.7	3.5
Wood partitions and fixtures .....	2541	312.0	121.8	45.3	31.3	35.3	—	7.5	—
Partitions and fixtures, except wood ...	2542	326.0	131.5	56.9	23.9	43.7	3.0	12.3	5.7
Miscellaneous furniture and fixtures .....	259	200.2	68.6	26.2	13.1	24.4	3.8	15.9	6.8
Drapery hardware and blinds and shades .....	2591	175.7	57.8	32.1	6.2	—	6.5	—	—
Furniture and fixtures, n.e.c. ....	2599	234.9	83.8	18.0	22.8	39.3	—	22.5	—

See footnotes at end of table.

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Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Highway and street construction .....	50.6	34.3	4.6	13.7	33.4	1.6	0.9	0.9	—	34.9
Heavy construction, except highway .....	56.5	33.7	2.2	11.5	18.5	1.0	—	—	—	36.2
Special trade contractors .....	75.6	43.4	7.1	14.8	10.6	1.9	1.1	.8	0.3	47.8
Plumbing, heating, air-conditioning .....	85.0	47.3	10.2	28.1	11.0	2.9	—	—	—	49.3
Painting and paper hanging .....	34.9	24.0	5.5	8.5	8.4	—	—	—	—	25.7
Electrical work .....	56.4	31.8	6.0	9.2	16.9	—	2.7	1.9	.8	37.6
Masonry, stonework, and plastering .....	93.6	62.6	14.9	8.8	3.5	—	—	—	—	53.2
Carpentry and floor work .....	93.5	58.5	4.2	—	4.8	—	—	—	—	42.7
Roofing, siding, and sheet metal work ...	105.8	65.1	7.9	41.2	9.8	—	—	—	—	108.0
Concrete work .....	72.0	37.7	2.4	12.8	12.8	—	—	—	—	71.3
Water well drilling .....	166.1	—	—	—	—	—	—	—	—	137.5
Miscellaneous special trade contractors .....	65.5	33.4	2.7	8.8	9.8	6.5	—	—	—	28.1
<b>Manufacturing</b> .....	55.0	29.9	18.4	11.3	4.5	.4	.4	.2	.2	24.9
Durable goods .....	58.6	32.2	20.4	12.1	4.4	.4	.3	.2	.1	27.7
Lumber and wood products .....	88.1	47.5	15.6	7.1	14.9	.4	—	.2	—	40.6
Logging .....	21.6	—	—	—	90.1	—	—	—	—	83.7
Sawmills and planing mills .....	96.6	42.9	14.8	9.9	9.3	—	—	—	—	50.8
Sawmills and planing mills, general ...	97.5	42.8	11.6	7.9	11.5	—	—	—	—	44.3
Hardwood dimension and flooring mills .....	80.5	33.8	24.5	18.2	—	—	—	—	—	73.5
Millwork, plywood and structural members .....	97.6	55.3	22.8	9.1	5.5	—	—	—	—	29.1
Millwork .....	99.7	54.3	31.8	8.1	5.3	—	—	—	—	32.3
Wood kitchen cabinets .....	97.8	68.0	20.7	14.3	6.0	—	—	—	—	29.3
Hardwood veneer and plywood .....	63.8	28.7	12.4	7.1	5.7	—	—	—	—	18.7
Softwood veneer and plywood .....	29.0	—	—	4.9	4.8	—	—	—	—	—
Structural wood members, n.e.c. ....	158.5	77.8	15.3	—	—	—	—	—	—	39.9
Wood containers .....	143.1	87.3	—	—	—	—	—	—	—	41.6
Wood pallets and skids .....	113.4	84.7	—	—	—	—	—	—	—	42.7
Wood buildings and mobile homes .....	91.4	49.0	9.2	2.5	6.5	—	—	—	—	39.2
Mobile homes .....	67.6	42.8	11.8	3.2	5.7	—	—	—	—	27.5
Prefabricated wood buildings .....	172.6	70.3	—	—	—	—	—	—	—	79.1
Miscellaneous wood products .....	50.6	36.2	13.9	4.9	13.4	—	—	—	—	27.5
Wood preserving .....	46.5	45.0	—	—	62.4	—	—	—	—	37.9
Reconstituted wood products .....	27.9	15.7	7.2	—	4.5	3.8	—	—	—	15.7
Wood products, n.e.c. ....	61.8	42.9	19.3	3.9	—	—	—	—	—	30.1
Furniture and fixtures .....	73.9	43.1	29.9	8.8	3.0	—	.2	.2	—	23.5
Household furniture .....	65.0	38.7	29.9	4.1	2.9	—	—	—	—	20.3
Wood household furniture .....	58.4	31.7	15.9	1.9	2.7	—	—	—	—	20.4
Upholstered household furniture .....	53.5	28.1	64.0	—	—	—	—	—	—	17.8
Metal household furniture .....	63.7	45.4	4.5	33.2	—	—	—	—	—	15.1
Mattresses and bedsprings .....	121.9	87.8	15.2	—	8.6	—	—	—	—	31.7
Office furniture .....	79.8	42.6	27.8	—	—	—	—	—	—	16.1
Wood office furniture .....	98.7	56.7	27.5	4.7	4.5	—	—	—	—	18.5
Office furniture, except wood .....	64.6	31.4	28.1	—	—	—	—	—	—	14.2
Public building and related furniture .....	106.9	47.4	51.1	14.5	4.6	—	—	—	—	31.0
Partitions and fixtures .....	88.0	60.8	21.2	27.9	2.7	—	—	—	—	34.7
Wood partitions and fixtures .....	86.8	64.6	18.5	33.1	3.2	—	—	—	—	34.8
Partitions and fixtures, except wood ...	89.4	56.3	24.5	21.6	2.1	—	—	—	—	34.5
Miscellaneous furniture and fixtures .....	50.8	29.5	25.1	2.5	2.4	—	—	—	—	24.3
Drapery hardware and blinds and shades .....	42.7	28.1	—	—	—	—	—	—	—	25.3
Furniture and fixtures, n.e.c. ....	62.2	31.6	32.0	—	—	—	—	—	—	23.0

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Stone, clay, and glass products .....	32	297.6	93.8	37.8	26.5	21.1	20.2	26.6	7.4
Flat glass .....	321	142.6	52.6	—	6.3	32.3	—	4.8	—
Glass and glassware, pressed or blown .....	322	267.9	103.1	26.0	44.1	24.5	8.5	24.1	8.8
Glass containers .....	3221	413.6	173.2	35.6	79.5	47.7	16.6	40.5	18.9
Pressed and blown glass, n.e.c. ....	3229	179.6	60.5	20.1	22.6	10.4	3.6	14.2	2.7
Products of purchased glass .....	323	181.0	65.6	25.1	22.2	11.9	9.1	13.8	5.7
Cement, hydraulic .....	324	124.7	—	—	—	—	—	—	—
Structural clay products .....	325	226.9	54.1	27.9	15.6	10.0	9.2	14.8	—
Brick and structural clay tile .....	3251	292.5	72.1	43.8	—	—	—	—	—
Pottery and related products .....	326	328.3	72.4	28.8	19.7	17.4	3.6	29.7	5.8
Vitreous plumbing fixtures .....	3261	307.2	73.7	—	—	10.3	—	—	14.0
Vitreous china table and kitchenware .....	3262	158.7	18.6	—	—	—	—	11.1	—
Porcelain electrical supplies .....	3264	378.9	81.8	—	—	—	—	50.8	—
Concrete, gypsum, and plaster products .....	327	395.8	127.4	54.3	31.8	29.4	31.3	39.5	10.2
Concrete block and brick .....	3271	445.0	223.1	88.5	54.8	51.2	—	9.7	—
Concrete products, n.e.c. ....	3272	433.3	151.7	69.9	37.8	35.6	39.1	65.5	10.9
Ready-mixed concrete .....	3273	393.5	105.1	45.1	27.4	18.9	31.8	30.2	12.0
Gypsum products .....	3275	205.2	67.5	—	—	—	—	—	—
Cut stone and stone products .....	328	197.2	95.8	78.0	—	—	—	—	—
Miscellaneous nonmetallic mineral products .....	329	213.3	51.8	15.6	18.4	10.7	20.7	14.7	—
Minerals, ground or treated .....	3295	289.7	68.3	35.4	24.2	—	91.8	49.9	—
Mineral wool .....	3296	139.5	50.8	17.4	15.5	17.9	—	10.5	—
Primary metal industries .....	33	307.8	112.8	47.7	22.6	29.7	10.1	22.1	9.3
Blast furnace and basic steel products ...	331	258.1	95.9	37.7	23.0	26.3	13.8	24.3	12.0
Blast furnaces and steel mills .....	3312	210.7	67.9	27.7	17.7	15.7	13.9	19.7	12.0
Steel wire and related products .....	3315	234.9	94.6	38.6	26.2	26.4	—	18.6	14.5
Cold finishing of steel shapes .....	3316	439.4	188.1	84.4	31.8	58.3	—	55.1	—
Steel pipe and tubes .....	3317	397.1	181.8	59.9	41.9	61.2	21.2	31.9	6.3
Iron and steel foundries .....	332	389.2	153.0	74.6	18.5	31.6	10.1	14.4	6.7
Gray and ductile iron foundries .....	3321	373.0	153.3	71.0	18.2	26.3	9.4	11.5	6.3
Steel investment foundries .....	3324	336.2	106.3	41.3	16.4	28.5	9.5	14.7	—
Steel foundries, n.e.c. ....	3325	507.7	197.8	112.4	23.8	53.7	14.2	24.0	11.6
Primary nonferrous metals .....	333	207.8	46.4	20.5	11.2	12.1	16.0	12.7	10.9
Primary copper .....	3331	164.3	50.2	18.7	22.8	—	—	28.1	—
Primary aluminum .....	3334	194.7	42.7	16.0	13.5	10.7	12.9	12.2	8.2
Primary nonferrous metals, n.e.c. ....	3339	246.5	52.6	30.1	—	15.8	25.4	8.9	15.3
Secondary nonferrous metals .....	334	420.3	131.8	51.2	31.0	34.8	22.3	20.8	10.8
Nonferrous rolling and drawing .....	335	228.9	82.0	34.6	15.0	26.2	5.0	15.7	7.0
Copper rolling and drawing .....	3351	314.0	116.6	43.9	19.5	43.1	4.7	28.2	13.7
Aluminum sheet, plate, and foil .....	3353	189.8	71.7	23.6	5.2	38.0	4.9	15.8	7.3
Aluminum extruded products .....	3354	207.9	83.9	38.9	14.9	20.3	3.9	10.1	3.5
Nonferrous wiredrawing and insulating .....	3357	187.3	59.5	24.8	12.0	19.3	2.6	14.0	4.8
Nonferrous foundries (castings) .....	336	437.1	169.4	58.7	43.6	49.7	4.4	23.5	8.0
Aluminum die— castings .....	3363	433.0	161.3	60.9	32.1	45.2	7.8	20.8	13.1
Nonferrous die— casting except aluminum .....	3364	215.2	90.8	—	31.8	32.2	—	—	12.0
Aluminum foundries .....	3365	563.7	263.0	72.0	79.8	90.0	—	28.1	—
Miscellaneous primary metal products ...	339	462.5	145.2	83.0	26.0	24.7	—	88.7	—
Metal heat treating .....	3398	576.1	188.7	108.3	33.8	33.8	—	119.3	—
Fabricated metal products .....	34	309.6	124.0	54.8	24.0	31.0	7.4	21.0	6.3
Metal cans and shipping containers .....	341	225.6	123.2	38.4	48.5	30.6	—	—	—

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Stone, clay, and glass products .....	65.8	37.4	10.7	14.9	12.4	—	0.3	—	—	45.3
Flat glass .....	21.0	11.6	40.4	—	—	—	—	—	—	—
Glass and glassware, pressed or blown .....	53.4	28.6	12.7	10.9	4.3	—	—	—	—	41.9
Glass containers .....	58.7	29.6	17.1	20.3	7.4	—	—	—	—	60.9
Pressed and blown glass, n.e.c. ....	50.1	28.0	10.0	5.2	2.4	—	—	—	—	30.4
Products of purchased glass .....	36.2	24.8	14.9	13.0	4.6	—	—	—	—	18.0
Cement, hydraulic .....	51.2	—	—	—	—	—	—	—	—	—
Structural clay products .....	69.8	41.9	10.5	—	9.6	—	—	—	—	48.9
Brick and structural clay tile .....	87.9	55.2	—	—	—	—	—	—	—	74.6
Pottery and related products .....	133.6	83.7	33.8	7.7	—	—	—	—	—	40.5
Vitreous plumbing fixtures .....	141.7	115.7	—	—	—	—	—	—	—	—
Vitreous china table and kitchenware .....	71.0	—	20.9	—	—	—	—	—	—	28.2
Porcelain electrical supplies .....	168.3	107.3	—	—	—	—	—	—	—	—
Concrete, gypsum, and plaster products .....	75.4	41.1	4.4	16.5	22.9	—	—	—	—	67.3
Concrete block and brick .....	116.9	60.4	—	—	—	—	—	—	—	37.9
Concrete products, n.e.c. ....	78.1	40.1	6.7	16.7	6.9	—	—	—	—	57.0
Ready-mixed concrete .....	69.4	40.3	—	16.5	37.2	—	—	—	—	87.3
Gypsum products .....	—	—	—	—	—	—	—	—	—	—
Cut stone and stone products .....	—	—	—	—	—	—	—	—	—	—
Miscellaneous nonmetallic mineral products .....	58.5	34.2	6.4	31.6	2.3	—	—	—	—	24.8
Minerals, ground or treated .....	24.8	—	—	—	—	—	—	—	—	40.1
Mineral wool .....	44.5	21.1	8.4	—	—	—	—	—	—	7.0
Primary metal industries .....	75.0	37.1	14.3	24.5	5.8	1.1	.2	0.2	—	32.8
Blast furnace and basic steel products ..	54.7	20.5	7.2	20.2	3.7	.7	—	—	—	25.4
Blast furnaces and steel mills .....	43.2	11.9	6.2	23.5	3.6	1.0	—	—	—	19.3
Steel wire and related products .....	41.9	18.7	21.4	14.6	—	—	—	—	—	25.9
Cold finishing of steel shapes .....	101.7	57.7	—	—	—	—	—	—	—	42.8
Steel pipe and tubes .....	84.8	33.9	6.0	16.2	4.8	—	—	—	—	44.2
Iron and steel foundries .....	96.4	47.5	27.2	29.6	8.6	2.3	—	—	—	40.8
Gray and ductile iron foundries .....	87.3	48.6	28.5	24.5	7.7	—	—	—	—	43.3
Steel investment foundries .....	95.8	46.0	42.5	39.1	—	—	—	—	—	21.3
Steel foundries, n.e.c. ....	131.3	46.9	17.8	43.9	15.3	—	—	—	—	43.9
Primary nonferrous metals .....	47.1	19.1	8.4	15.4	5.2	1.5	—	—	—	44.1
Primary copper .....	38.0	—	—	—	—	—	—	—	—	18.7
Primary aluminum .....	43.8	12.4	4.6	17.5	8.6	—	—	—	—	44.3
Primary nonferrous metals, n.e.c. ....	56.4	36.5	18.4	13.1	—	—	—	—	—	51.4
Secondary nonferrous metals .....	71.8	36.8	—	113.3	—	—	—	—	—	42.5
Nonferrous rolling and drawing .....	66.8	28.8	10.7	10.6	4.6	.5	—	—	—	26.0
Copper rolling and drawing .....	84.9	31.5	7.2	11.9	10.1	—	—	—	—	34.5
Aluminum sheet, plate, and foil .....	51.3	26.5	7.6	10.1	—	—	—	—	—	19.5
Aluminum extruded products .....	61.7	32.4	3.7	8.5	1.7	—	—	—	—	30.9
Nonferrous wiredrawing and insulating .....	64.0	25.1	16.2	8.6	1.0	—	—	—	—	16.6
Nonferrous foundries (castings) .....	108.7	73.7	27.2	43.7	5.3	—	—	—	—	46.6
Aluminum die— castings .....	91.0	59.8	37.3	56.5	9.3	—	—	—	—	35.0
Nonferrous die— casting except aluminum .....	38.6	—	10.0	33.7	—	—	—	—	—	—
Aluminum foundries .....	141.7	100.3	25.4	31.4	—	—	—	—	—	67.9
Miscellaneous primary metal products ...	121.7	78.6	—	16.0	23.7	—	—	—	—	29.9
Metal heat treating .....	140.9	100.7	—	—	—	—	—	—	—	41.9
Fabricated metal products .....	79.0	43.8	19.3	16.9	3.8	1.2	.4	.1	0.3	30.5
Metal cans and shipping containers .....	39.4	22.7	—	—	—	—	—	—	—	21.2

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Metal cans .....	3411	156.4	75.8	—	32.5	19.4	—	—	6.2
Cutlery, handtools, and hardware .....	342	242.6	73.8	25.8	15.2	22.4	3.3	29.7	3.6
Cutlery .....	3421	278.1	121.3	39.6	33.2	34.3	—	14.6	6.9
Hand and edge tools, n.e.c. ....	3423	307.1	93.2	36.0	11.2	29.7	—	23.1	3.1
Hardware, n.e.c. ....	3429	198.5	55.7	20.0	12.4	16.3	2.4	36.0	2.5
Plumbing and heating, except electric ....	343	257.3	93.1	46.9	12.1	23.9	2.6	14.3	6.5
Metal sanitary ware .....	3431	218.3	80.1	42.6	—	—	—	—	—
Plumbing fixture fittings and trim .....	3432	223.0	57.3	37.1	—	—	—	19.3	—
Heating equipment, except electric .....	3433	335.6	151.7	63.6	22.1	49.3	—	7.5	5.5
Fabricated structural metal products .....	344	397.5	168.7	83.0	29.6	38.6	9.6	26.2	6.7
Fabricated structural metal .....	3441	443.4	210.1	108.7	27.2	57.9	15.3	24.6	10.9
Metal doors, sash, and trim .....	3442	233.9	92.9	37.0	26.3	24.9	9.2	22.0	4.2
Fabricated plate work (boiler shops) ..	3443	435.0	175.7	96.5	28.0	31.2	9.2	29.8	5.3
Sheet metalwork .....	3444	384.1	152.8	52.6	36.9	38.3	6.0	17.1	—
Architectural metal work .....	3446	284.6	135.4	83.3	—	—	—	—	—
Prefabricated metal buildings .....	3448	570.2	245.2	122.5	39.2	56.6	—	23.4	—
Screw machine products, bolts, etc. ....	345	208.3	61.0	12.3	20.7	14.6	—	18.6	9.2
Screw machine products .....	3451	173.5	59.0	8.4	26.1	9.7	3.2	21.3	—
Bolts, nuts, rivets, and washers .....	3452	244.6	63.2	16.5	15.0	19.7	—	15.7	14.0
Metal forgings and stampings .....	346	317.1	128.8	53.8	28.3	32.3	11.3	26.2	7.4
Iron and steel forgings .....	3462	401.1	210.6	110.7	22.1	46.8	5.2	11.9	—
Nonferrous forgings .....	3463	288.7	87.6	24.4	—	32.7	29.0	17.2	—
Automotive stampings .....	3465	296.4	112.2	45.3	27.6	27.1	6.1	36.2	10.0
Metal stampings, n.e.c. ....	3469	324.5	130.1	50.1	32.5	35.1	18.0	18.8	5.0
Metal services, n.e.c. ....	347	236.3	95.2	60.3	13.3	16.5	9.2	15.5	4.1
Plating and polishing .....	3471	208.6	78.7	51.5	10.1	13.5	5.5	14.1	—
Metal coating and allied services .....	3479	278.6	120.4	73.8	18.2	21.1	14.7	17.5	—
Ordnance and accessories, n.e.c. ....	348	144.9	40.1	19.3	9.0	5.4	5.0	12.5	5.3
Ammunition, except for small arms, n.e.c. ....	3483	97.7	19.3	7.9	5.5	5.9	7.0	8.6	—
Miscellaneous fabricated metal products .....	349	300.6	121.1	41.7	22.2	39.5	4.7	11.7	5.7
Industrial valves .....	3491	159.4	58.4	21.2	11.5	16.7	—	10.8	2.3
Fluid power valves and hose fittings ..	3492	157.0	52.6	11.7	17.9	14.6	5.2	9.2	5.4
Valves and pipe fittings, n.e.c. ....	3494	209.3	80.1	28.1	17.4	21.6	—	5.7	—
Wire springs .....	3495	194.4	123.2	34.9	13.3	55.1	—	—	—
Miscellaneous fabricated wire products .....	3496	273.3	111.0	37.6	18.5	46.6	1.6	9.0	5.5
Fabricated pipe and fittings .....	3498	500.7	228.5	82.0	33.1	85.5	—	—	—
Fabricated metal products, n.e.c. ....	3499	438.7	165.2	57.6	32.4	42.6	—	14.0	12.5
Industrial machinery and equipment .....	35	199.7	75.1	34.3	16.4	16.2	5.2	13.5	4.1
Engines and turbines .....	351	210.3	71.7	25.7	22.1	11.1	4.5	9.0	9.6
Turbines and turbine generator sets ..	3511	126.9	43.2	22.2	13.7	5.6	—	1.9	4.2
Internal combustion engines, n.e.c. ....	3519	247.1	84.3	27.3	25.9	13.5	5.8	12.2	11.9
Farm and garden machinery .....	352	257.1	83.3	48.5	9.2	16.8	10.3	10.1	—
Farm machinery and equipment .....	3523	195.5	70.8	44.3	4.6	15.0	14.0	9.2	3.3
Construction and related machinery .....	353	298.9	99.9	47.7	22.1	20.3	9.8	20.7	9.4
Construction machinery .....	3531	378.4	103.9	45.4	28.6	20.5	18.9	32.9	13.7
Mining machinery .....	3532	236.7	54.1	—	—	12.1	—	45.6	9.5
Oil and gas field machinery .....	3533	135.0	50.3	20.5	—	19.1	—	13.1	—
Elevators and moving stairways .....	3534	235.0	104.9	—	—	—	—	—	—
Conveyors and conveying equipment .....	3535	224.6	66.5	44.8	—	9.5	—	9.0	14.5
Industrial trucks and tractors .....	3537	369.3	176.6	95.0	38.2	24.7	4.6	10.9	—
Metalworking machinery .....	354	185.5	79.5	33.5	16.5	22.0	5.6	10.7	2.7
Machine tools, metal cutting types .....	3541	148.6	63.9	27.0	16.0	15.0	12.2	2.7	7.2

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness,1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Metal cans .....	29.1	—	—	—	—	—	—	—	—	21.5
Cutlery, handtools, and hardware .....	70.3	29.7	26.9	6.5	3.2	—	—	—	—	25.3
Cutlery .....	70.8	41.1	20.2	11.4	—	—	—	—	—	29.7
Hand and edge tools, n.e.c. ....	117.3	42.3	30.1	8.3	—	—	—	—	—	24.8
Hardware, n.e.c. ....	43.1	20.3	26.9	4.9	4.1	—	—	—	—	22.7
Plumbing and heating, except electric ....	75.3	49.8	22.5	—	5.0	2.0	—	—	—	34.5
Metal sanitary ware .....	70.2	38.0	—	—	—	—	—	—	—	32.1
Plumbing fixture fittings and trim .....	67.7	48.2	24.1	—	—	—	—	—	—	30.1
Heating equipment, except electric ....	89.6	61.8	24.8	5.5	—	—	—	—	—	42.2
Fabricated structural metal products .....	95.8	54.8	17.9	27.2	3.8	2.2	—	—	—	38.9
Fabricated structural metal .....	101.7	55.9	10.0	35.0	—	9.9	—	—	—	24.2
Metal doors, sash, and trim .....	60.3	36.6	12.0	12.4	—	—	—	—	—	16.8
Fabricated plate work (boiler shops) ..	88.9	53.5	14.5	64.1	—	—	—	—	—	45.2
Sheet metalwork .....	109.7	69.5	13.4	8.6	4.5	—	—	—	—	68.2
Architectural metal work .....	67.5	33.2	—	25.1	—	—	—	—	—	—
Prefabricated metal buildings .....	203.1	87.7	23.0	—	—	—	—	—	—	31.6
Screw machine products, bolts, etc. ....	80.9	49.6	9.7	6.0	3.4	—	—	—	—	15.3
Screw machine products .....	58.0	30.3	7.3	8.4	—	—	—	—	—	11.5
Bolts, nuts, rivets, and washers .....	104.8	69.8	12.1	3.5	6.8	—	—	—	—	19.2
Metal forgings and stampings .....	72.2	43.2	20.6	13.4	6.4	.7	—	—	—	29.9
Iron and steel forgings .....	75.3	36.4	12.8	12.9	24.4	—	—	—	—	42.3
Nonferrous forgings .....	89.1	60.8	35.3	—	—	—	—	—	—	15.5
Automotive stampings .....	65.8	41.4	22.3	10.8	5.9	—	—	—	—	26.6
Metal stampings, n.e.c. ....	79.4	47.2	20.5	18.4	1.4	—	—	—	—	32.2
Metal services, n.e.c. ....	54.3	34.7	17.5	22.3	—	—	—	—	—	16.6
Plating and polishing .....	45.4	30.4	20.5	24.4	—	—	—	—	—	16.7
Metal coating and allied services .....	67.9	41.3	12.8	19.0	—	—	—	—	—	16.4
Ordnance and accessories, n.e.c. ....	37.2	22.4	25.0	2.3	2.2	—	—	—	—	13.0
Ammunition, except for small arms, n.e.c. ....	26.0	13.3	12.5	—	—	—	—	—	—	17.2
Miscellaneous fabricated metal products .....	83.6	38.0	21.3	13.9	2.9	—	—	—	0.5	34.5
Industrial valves .....	51.7	20.7	12.8	9.8	5.8	—	—	—	—	7.4
Fluid power valves and hose fittings ..	50.2	33.2	12.4	3.9	—	—	—	—	—	17.2
Valves and pipe fittings, n.e.c. ....	50.1	17.7	38.9	16.8	—	—	—	—	—	15.3
Wire springs .....	44.2	32.1	—	—	—	—	—	—	—	—
Miscellaneous fabricated wire products .....	90.6	44.4	16.8	10.3	4.0	—	—	—	—	22.7
Fabricated pipe and fittings .....	127.7	42.3	—	—	—	—	—	—	—	53.5
Fabricated metal products, n.e.c. ....	111.2	45.0	34.4	19.0	—	—	—	—	—	71.5
Industrial machinery and equipment .....	53.9	30.0	14.1	11.8	2.4	.3	0.2	0.1	.1	19.2
Engines and turbines .....	58.6	28.3	28.9	7.2	2.0	—	—	—	—	18.9
Turbines and turbine generator sets ..	30.9	16.2	29.1	5.9	—	—	—	—	—	9.9
Internal combustion engines, n.e.c. ...	70.8	33.6	28.8	7.8	2.6	—	—	—	—	22.9
Farm and garden machinery .....	60.8	37.7	8.5	34.2	—	—	—	—	—	44.2
Farm machinery and equipment .....	61.7	39.8	7.3	8.9	2.4	1.1	—	—	—	16.9
Construction and related machinery .....	88.6	42.3	17.9	16.5	4.8	.5	—	—	—	30.3
Construction machinery .....	110.4	47.8	24.6	19.6	7.8	1.4	—	—	—	44.9
Mining machinery .....	75.3	29.4	—	—	—	—	—	—	—	31.3
Oil and gas field machinery .....	27.6	9.2	—	—	—	—	—	—	—	24.0
Elevators and moving stairways .....	—	—	—	—	—	—	—	—	—	—
Conveyors and conveying equipment .....	87.0	41.2	15.6	8.9	—	—	—	—	—	19.6
Industrial trucks and tractors .....	94.6	52.8	11.4	33.2	—	—	—	—	—	26.1
Metalworking machinery .....	49.9	29.3	8.1	11.4	1.3	.4	—	—	—	15.9
Machine tools, metal cutting types ....	39.1	25.3	7.7	4.3	—	—	—	—	—	11.5

See footnotes at end of table.



TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Machine tools, metal forming types ....	3542	363.3	157.7	47.1	49.4	38.5	—	25.5	—
Special dies, tools, jigs and fixtures ...	3544	181.4	84.1	38.6	13.7	25.7	4.0	9.4	—
Machine tool accessories .....	3545	144.3	54.0	22.9	11.7	12.7	6.2	14.4	2.3
Power-driven handtools .....	3546	107.9	26.8	14.7	5.1	5.2	—	7.8	—
Welding apparatus .....	3548	410.7	168.9	68.9	35.2	52.6	6.2	28.5	—
Metalworking machinery, n.e.c. ....	3549	130.3	42.4	18.5	10.4	7.8	5.0	7.5	—
Special industry machinery .....	355	235.8	94.5	46.4	26.2	10.4	4.8	17.5	4.1
Textile machinery .....	3552	183.1	57.8	24.7	22.0	11.1	—	22.8	—
Woodworking machinery .....	3553	188.9	84.7	43.6	—	8.9	—	11.0	—
Paper industries machinery .....	3554	169.6	75.6	43.3	10.7	13.5	3.5	11.0	—
Printing trades machinery .....	3555	136.7	56.0	—	47.6	—	—	—	—
Food products machinery .....	3556	407.0	173.6	112.2	—	—	—	—	—
Special industry machinery, n.e.c. ....	3559	239.6	91.7	41.5	25.3	11.2	6.0	17.1	—
General industrial machinery .....	356	232.1	88.3	38.5	19.4	21.4	3.1	18.5	3.3
Pumps and pumping equipment .....	3561	241.1	123.7	39.7	39.2	17.6	—	5.0	—
Ball and roller bearings .....	3562	178.4	52.1	16.1	2.9	28.9	—	33.2	—
Air and gas compressors .....	3563	157.2	51.6	22.2	10.7	6.9	3.9	—	5.0
Blowers and fans .....	3564	330.3	151.5	79.3	17.2	48.3	—	13.4	—
Packaging machinery .....	3565	160.7	67.3	—	44.2	—	—	37.4	6.3
Speed changers, drives, and gears ....	3566	228.7	76.8	52.0	—	10.9	—	11.2	7.2
Industrial furnaces and ovens .....	3567	358.6	122.8	83.3	31.5	—	—	43.7	—
Power transmission equipment, n.e.c. ....	3568	256.1	78.3	28.3	11.1	32.9	—	6.3	4.0
General industrial machinery, n.e.c. ...	3569	216.4	73.5	28.3	19.0	18.7	2.7	13.7	5.7
Computer and office equipment .....	357	55.9	9.9	4.6	2.7	1.9	2.0	6.2	1.5
Electronic computers .....	3571	37.8	5.5	2.7	1.8	.5	1.9	4.7	1.3
Computer storage devices .....	3572	46.4	8.5	6.3	1.8	—	—	3.1	2.5
Computer peripheral equipment, n.e.c. ....	3577	81.7	12.8	—	—	—	—	—	—
Office machines, n.e.c. ....	3579	156.6	39.2	24.6	6.8	6.5	—	18.4	5.3
Refrigeration and service machinery .....	358	212.2	75.4	34.8	14.8	20.3	3.3	18.6	3.9
Automatic vending machines .....	3581	297.8	97.6	75.7	—	12.4	5.8	52.1	—
Refrigeration and heating equipment .....	3585	199.3	65.1	25.0	15.0	21.3	3.5	17.8	4.3
Measuring and dispensing pumps .....	3586	218.4	—	—	34.5	—	—	21.5	13.4
Service industry machinery, n.e.c. ....	3589	226.6	92.4	49.4	11.8	21.1	2.8	14.1	2.8
Industrial machinery, n.e.c. ....	359	226.2	99.6	44.8	20.6	19.7	6.4	12.5	4.6
Carburetors, pistons, rings, valves ....	3592	196.9	47.8	17.3	16.2	12.2	2.9	15.7	5.0
Fluid power cylinders and actuators ...	3593	250.4	79.5	42.2	18.6	10.8	—	7.7	8.6
Fluid power pumps and motors .....	3594	197.3	61.6	16.8	14.8	8.9	2.8	9.3	—
Industrial machinery, n.e.c. ....	3599	230.6	110.0	50.1	22.0	22.4	7.3	13.1	4.8
Electronic and other electric equipment .....	36	124.0	35.4	14.5	9.2	8.8	3.7	10.7	2.2
Electric distribution equipment .....	361	169.0	58.9	28.1	10.6	14.6	3.6	7.1	3.2
Transformers, except electronic .....	3612	281.8	97.3	48.1	15.6	23.2	—	13.4	—
Electrical industrial apparatus .....	362	150.2	49.2	21.0	12.6	12.7	6.0	10.7	2.5
Motors and generators .....	3621	187.5	64.0	28.0	13.8	19.4	3.7	16.4	3.1
Relays and industrial controls .....	3625	114.6	34.4	17.3	10.4	4.7	8.5	4.5	1.8
Household appliances .....	363	213.5	63.8	28.5	19.6	12.9	4.0	12.8	3.8
Household cooking equipment .....	3631	96.0	38.4	13.8	18.0	5.8	2.6	6.1	—
Household refrigerators and freezers .....	3632	238.8	53.2	24.3	17.7	9.0	7.6	16.1	—
Household laundry equipment .....	3633	244.2	64.1	29.4	13.9	17.4	—	19.7	7.0
Household appliances, n.e.c. ....	3639	187.3	69.8	33.4	18.6	15.3	—	9.6	—
Electric lighting and wiring equipment ....	364	177.2	63.6	27.4	12.0	19.3	7.6	10.1	2.6
Electric lamps .....	3641	139.9	56.1	24.7	14.6	14.9	—	6.6	—
Current-carrying wiring devices .....	3643	186.0	54.8	23.7	10.4	14.4	13.9	12.5	3.7

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness,1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Machine tools, metal forming types ....	88.1	45.4	—	—	—	—	—	—	—	53.7
Special dies, tools, jigs and fixtures ...	46.2	27.8	6.3	17.0	—	—	—	—	—	11.6
Machine tool accessories .....	37.7	21.8	10.1	6.8	—	—	—	—	—	11.4
Power-driven handtools .....	48.2	33.5	6.8	5.7	—	—	—	—	—	9.8
Welding apparatus .....	124.3	56.8	28.7	—	—	—	—	—	—	39.7
Metalworking machinery, n.e.c. ....	38.9	29.9	6.7	—	—	—	—	—	—	23.3
Special industry machinery .....	58.9	30.7	15.5	13.6	2.6	—	—	—	—	24.1
Textile machinery .....	60.4	36.0	7.1	10.0	—	—	—	—	—	22.1
Woodworking machinery .....	62.3	40.2	—	—	—	—	—	—	—	15.0
Paper industries machinery .....	39.1	15.8	5.7	9.8	—	—	2.5	—	2.5	18.1
Printing trades machinery .....	—	—	—	—	—	—	—	—	—	—
Food products machinery .....	88.4	—	—	—	—	—	—	—	—	—
Special industry machinery, n.e.c. ....	64.4	36.8	24.2	14.7	—	—	—	—	—	15.8
General industrial machinery .....	63.5	32.2	16.0	16.2	2.7	—	—	—	—	20.4
Pumps and pumping equipment .....	42.6	19.7	—	27.8	—	—	—	—	—	24.1
Ball and roller bearings .....	50.1	31.4	21.6	4.1	—	—	—	—	—	14.1
Air and gas compressors .....	54.2	38.6	—	15.2	—	—	—	—	—	15.9
Blowers and fans .....	95.0	32.9	—	25.4	11.7	—	—	—	—	18.5
Packaging machinery .....	22.2	17.4	—	—	—	—	—	—	—	—
Speed changers, drives, and gears ....	68.1	34.6	20.9	8.4	—	—	—	—	—	30.1
Industrial furnaces and ovens .....	127.6	58.4	—	27.4	—	—	—	—	—	—
Power transmission equipment, n.e.c. ....	84.5	45.5	51.5	—	3.7	—	—	—	—	22.4
General industrial machinery, n.e.c. ...	54.7	27.5	10.7	26.0	—	—	—	—	—	28.3
Computer and office equipment .....	17.0	10.4	10.8	2.2	.8	—	—	—	—	5.5
Electronic computers .....	10.5	6.2	6.7	1.2	.9	—	—	—	—	5.0
Computer storage devices .....	12.6	7.7	9.3	3.1	—	—	—	—	—	6.8
Computer peripheral equipment, n.e.c. ....	24.2	20.0	23.9	2.8	—	—	—	—	—	—
Office machines, n.e.c. ....	53.0	25.0	14.2	10.1	—	—	—	—	—	13.0
Refrigeration and service machinery .....	55.7	32.7	20.9	9.8	3.6	0.4	—	—	—	20.7
Automatic vending machines .....	59.5	33.9	19.8	—	—	—	—	—	—	56.7
Refrigeration and heating equipment .....	54.6	33.6	23.0	11.8	2.7	—	—	—	—	16.2
Measuring and dispensing pumps .....	22.6	—	20.4	—	—	—	—	—	—	23.4
Service industry machinery, n.e.c. ....	54.9	32.0	16.5	—	7.4	—	—	—	—	29.5
Industrial machinery, n.e.c. ....	58.5	37.3	12.3	11.1	2.4	.3	.4	0.3	—	18.1
Carburetors, pistons, rings, valves ....	61.2	31.9	23.8	19.0	—	—	—	—	—	19.1
Fluid power cylinders and actuators ...	84.0	40.1	19.7	23.5	—	—	—	—	—	23.9
Fluid power pumps and motors .....	84.0	62.9	18.3	7.5	—	—	—	—	—	11.9
Industrial machinery, n.e.c. ....	54.5	35.2	9.3	10.0	2.8	—	—	—	—	18.5
Electronic and other electric equipment .....	29.3	16.7	18.5	7.0	1.7	.1	.3	.2	.1	15.2
Electric distribution equipment .....	49.3	23.6	15.5	9.1	1.5	—	—	—	—	19.5
Transformers, except electronic .....	85.7	36.0	22.2	—	—	—	—	—	—	38.9
Electrical industrial apparatus .....	38.4	19.2	24.3	5.4	1.0	—	—	—	—	12.4
Motors and generators .....	42.9	18.7	35.0	6.6	—	—	—	—	—	15.5
Relays and industrial controls .....	35.2	19.6	14.3	3.2	1.6	—	—	—	—	11.1
Household appliances .....	52.3	23.6	36.6	6.6	3.3	—	—	—	—	30.0
Household cooking equipment .....	24.7	13.2	8.3	3.1	—	—	—	—	—	10.6
Household refrigerators and freezers .....	71.6	22.4	52.8	5.3	—	—	—	—	—	28.4
Household laundry equipment .....	70.5	27.5	25.4	4.2	6.6	—	—	—	—	43.2
Household appliances, n.e.c. ....	44.5	16.5	29.5	6.8	—	—	—	—	—	22.0
Electric lighting and wiring equipment ....	34.4	21.2	24.2	5.7	4.4	—	—	—	—	24.5
Electric lamps .....	21.6	16.2	36.1	—	—	—	—	—	—	—
Current-carrying wiring devices .....	40.3	24.7	14.5	7.0	—	—	—	—	—	38.8

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Residential lighting fixtures .....	3645	121.1	35.1	13.6	—	—	—	18.1	5.3
Commercial lighting fixtures .....	3646	162.1	—	—	—	—	—	—	—
Vehicular lighting equipment .....	3647	188.7	40.3	9.8	10.4	20.0	—	14.0	—
Household audio and video equipment and audio recordings .....	365	149.8	41.7	11.9	14.9	14.4	1.9	11.3	1.1
Household audio and video equipment .....	3651	168.7	45.8	15.4	15.1	14.5	2.5	12.7	1.3
Communications equipment .....	366	65.4	15.0	7.5	3.6	2.9	3.3	7.2	2.4
Telephone and telegraph apparatus ..	3661	—	—	—	1.3	1.2	—	—	—
Radio and TV communications equipment .....	3663	91.4	24.0	12.1	5.7	4.7	—	8.2	3.4
Communications equipment, n.e.c. ...	3669	84.3	15.0	6.6	4.8	—	—	—	6.8
Electronic components and accessories .....	367	94.0	22.0	7.6	6.9	5.2	2.9	12.2	2.0
Electron tubes .....	3671	308.2	105.3	56.4	—	—	—	—	—
Printed circuit boards .....	3672	135.6	33.5	10.9	9.0	8.9	2.7	20.0	3.0
Semiconductors and related devices .....	3674	56.1	8.5	2.3	3.7	1.2	1.5	6.8	2.1
Electronic capacitors .....	3675	90.4	27.1	5.1	5.6	—	—	5.7	—
Electronic resistors .....	3676	110.3	21.8	—	—	10.5	—	10.1	—
Electronic components, n.e.c. ....	3679	92.0	24.7	7.6	8.3	6.9	5.3	12.8	1.2
Miscellaneous electrical equipment and supplies .....	369	158.0	42.7	17.4	10.6	8.5	1.4	11.2	1.1
Storage batteries .....	3691	175.7	43.5	19.1	14.9	9.5	3.7	12.0	3.1
Primary batteries, dry and wet .....	3692	144.6	34.0	9.4	5.3	19.4	—	20.0	—
Engine electrical equipment .....	3694	182.7	41.7	16.8	12.3	7.2	—	10.1	—
Electrical equipment and supplies, n.e.c. ....	3699	112.6	54.9	22.6	6.4	—	—	—	—
Transportation equipment .....	37	267.0	68.8	29.1	18.8	12.2	7.7	17.9	7.9
Motor vehicles and equipment .....	371	310.1	80.1	34.4	19.1	16.5	7.1	17.1	8.6
Motor vehicles and car bodies .....	3711	375.8	68.4	31.5	19.4	7.9	9.2	20.9	13.5
Truck and bus bodies .....	3713	469.9	176.2	70.9	39.6	48.4	16.3	22.5	—
Motor vehicle parts and accessories ..	3714	256.1	74.4	30.8	15.9	18.5	4.6	13.7	6.2
Truck trailers .....	3715	356.4	138.7	60.3	36.7	24.3	15.7	24.6	3.3
Aircraft and parts .....	372	170.8	32.4	11.1	11.6	5.4	5.7	14.1	5.4
Aircraft .....	3721	181.5	22.5	8.4	9.4	2.8	3.8	13.3	7.6
Aircraft engines and engine parts .....	3724	124.2	34.4	10.9	5.9	10.8	7.0	12.6	1.7
Aircraft parts and equipment, n.e.c. ...	3728	185.1	48.7	16.0	19.6	6.0	8.1	16.5	4.1
Ship and boat building and repairing .....	373	385.1	121.5	52.6	41.1	11.4	20.6	36.7	12.4
Ship building and repairing .....	3731	423.3	133.8	57.2	49.0	8.8	26.0	32.7	14.4
Boat building and repairing .....	3732	323.7	101.7	45.1	28.3	15.7	12.1	43.0	9.1
Railroad equipment .....	374	203.1	73.1	37.8	19.6	8.1	3.6	20.5	9.6
Motorcycles, bicycles, and parts .....	375	315.4	74.9	38.1	16.8	15.7	—	22.7	8.1
Guided missiles, space vehicles, parts ..	376	62.8	11.5	5.3	2.8	8	2.3	6.7	8
Guided missiles and space vehicles ..	3761	60.1	—	—	2.6	—	2.1	—	—
Space vehicle equipment, n.e.c. ....	3769	—	—	8.7	—	—	—	8.7	—
Miscellaneous transportation equipment .....	379	315.5	109.8	50.2	34.7	13.1	9.9	24.3	12.4
Travel trailers and campers .....	3792	335.4	129.0	58.2	53.1	4.5	—	24.3	—
Tanks and tank components .....	3795	67.3	24.4	—	—	14.4	—	—	—
Transportation equipment, n.e.c. ....	3799	347.8	111.6	52.2	27.1	19.3	—	27.4	15.8
Instruments and related products .....	38	89.2	19.8	9.6	4.6	3.6	4.0	8.0	3.5
Search and navigation equipment .....	381	58.8	13.8	7.6	2.4	2.3	3.0	7.4	3.1
Measuring and controlling devices .....	382	88.9	20.9	11.1	4.5	2.4	4.2	7.7	2.4
Environmental controls .....	3822	154.6	37.5	17.4	12.2	7.5	4.9	11.9	1.5
Process control instruments .....	3823	88.0	25.5	15.1	—	2.6	—	6.8	—

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Residential lighting fixtures .....	28.9	20.0	—	—	6.6	—	—	—	—	18.6
Commercial lighting fixtures .....	—	—	—	—	—	—	—	—	—	—
Vehicular lighting equipment .....	53.4	29.9	56.9	4.0	—	—	—	—	—	16.6
Household audio and video equipment and audio recordings .....	41.5	25.2	14.8	5.6	3.1	—	—	—	—	28.4
Household audio and video equipment .....	50.9	30.7	18.5	7.7	3.7	—	—	—	—	24.8
Communications equipment .....	15.4	11.1	10.8	3.6	.8	—	0.6	0.6	—	6.4
Telephone and telegraph apparatus ..	—	—	—	.9	1.3	—	—	—	—	1.4
Radio and TV communications equipment .....	22.4	15.4	13.1	6.7	—	—	1.3	1.3	—	8.8
Communications equipment, n.e.c. ...	18.1	—	20.2	—	—	—	—	—	—	17.4
Electronic components and accessories .....	21.1	12.9	14.0	8.0	.9	—	.2	—	—	10.8
Electron tubes .....	88.2	38.4	51.4	—	—	—	—	—	—	—
Printed circuit boards .....	32.8	21.5	14.5	11.5	2.5	—	—	—	—	14.7
Semiconductors and related devices .....	10.8	7.0	8.9	6.6	.6	—	—	—	—	10.2
Electronic capacitors .....	26.4	—	7.0	—	—	—	—	—	—	10.4
Electronic resistors .....	38.8	16.2	26.1	—	—	—	—	—	—	—
Electronic components, n.e.c. ....	15.0	9.2	16.6	6.4	.6	—	—	—	—	9.1
Miscellaneous electrical equipment and supplies .....	37.7	20.7	28.8	12.1	2.1	—	1.0	1.0	—	20.0
Storage batteries .....	51.3	26.3	26.6	18.2	4.9	—	3.7	3.7	—	8.7
Primary batteries, dry and wet .....	30.8	10.4	18.8	14.1	—	—	—	—	—	21.5
Engine electrical equipment .....	43.6	26.3	42.1	13.2	2.0	—	—	—	—	27.3
Electrical equipment and supplies, n.e.c. ....	20.0	—	—	6.8	—	—	—	—	—	—
Transportation equipment .....	65.2	34.5	37.5	13.7	4.0	0.2	.5	.4	—	43.7
Motor vehicles and equipment .....	77.9	41.7	51.1	14.7	4.8	—	.8	.6	—	47.7
Motor vehicles and car bodies .....	80.7	37.0	81.9	11.4	6.5	.6	1.5	1.5	—	81.4
Truck and bus bodies .....	160.5	79.3	19.3	23.6	3.4	—	—	—	—	42.0
Motor vehicle parts and accessories ..	69.8	41.3	38.7	15.1	3.8	—	—	—	—	29.2
Truck trailers .....	87.9	49.0	18.3	28.9	—	—	—	—	—	34.6
Aircraft and parts .....	41.4	21.4	25.0	9.0	2.2	—	—	—	—	35.4
Aircraft .....	39.9	21.4	29.2	10.6	—	—	—	—	—	52.8
Aircraft engines and engine parts .....	36.6	14.8	11.1	7.7	3.8	—	—	—	—	9.5
Aircraft parts and equipment, n.e.c. ...	47.7	26.2	27.6	7.0	2.0	.6	—	—	—	23.0
Ship and boat building and repairing .....	77.8	37.1	14.5	25.3	3.5	—	—	—	—	71.8
Ship building and repairing .....	87.1	40.4	17.4	26.7	5.3	—	—	—	—	78.8
Boat building and repairing .....	63.0	31.8	9.9	23.0	—	—	—	—	—	60.7
Railroad equipment .....	60.9	29.3	7.3	10.8	—	—	—	—	—	15.4
Motorcycles, bicycles, and parts .....	68.0	43.4	59.2	17.2	14.0	—	—	—	—	45.0
Guided missiles, space vehicles, parts ..	19.6	12.5	4.7	3.4	1.5	—	—	—	—	12.3
Guided missiles and space vehicles ..	—	—	—	3.3	—	—	—	—	—	—
Space vehicle equipment, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Miscellaneous transportation equipment .....	76.6	45.4	25.7	21.5	6.5	—	—	—	—	27.8
Travel trailers and campers .....	80.9	45.6	29.8	—	6.9	—	—	—	—	39.3
Tanks and tank components .....	21.4	15.4	—	—	—	—	—	—	—	11.4
Transportation equipment, n.e.c. ....	83.9	50.9	27.5	39.2	—	—	—	—	—	22.2
Instruments and related products .....	22.5	12.9	14.0	5.7	1.1	—	.2	.2	—	10.4
Search and navigation equipment .....	12.5	7.1	5.3	5.5	.7	—	—	—	—	7.4
Measuring and controlling devices .....	23.7	15.1	15.5	4.7	.8	—	—	—	—	8.6
Environmental controls .....	38.5	26.4	25.7	12.0	1.6	—	—	—	—	21.1
Process control instruments .....	28.6	13.7	12.6	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Fluid meters and counting devices .....	3824	89.3	17.6	6.9	—	—	—	—	9.2
Instruments to measure electricity .....	3825	65.4	9.5	4.1	1.4	1.4	9.2	5.9	1.6
Optical instruments and lenses .....	3827	89.5	34.1	16.5	5.1	—	—	7.6	—
Measuring and controlling devices, n.e.c. ....	3829	83.2	—	—	—	—	—	—	—
Medical instruments and supplies .....	384	96.3	22.2	10.4	5.6	4.7	2.6	8.9	3.5
Surgical and medical instruments .....	3841	89.7	26.3	14.8	5.4	4.3	2.8	4.9	2.4
Surgical appliances and supplies .....	3842	111.0	22.5	6.2	8.3	7.2	3.0	12.8	3.4
Dental equipment and supplies .....	3843	170.4	—	—	—	—	—	—	—
Electromedical equipment .....	3845	52.1	5.9	—	2.6	1.3	2.0	6.7	5.7
Ophthalmic goods .....	385	137.8	19.6	—	—	—	—	—	—
Miscellaneous manufacturing industries .....	39	190.7	66.5	26.2	17.6	16.2	5.0	14.3	4.0
Jewelry, silverware, and plated ware .....	391	73.7	21.5	4.9	2.7	13.0	3.8	7.8	—
Jewelry, precious metal .....	3911	60.0	17.1	3.1	1.9	—	3.8	—	—
Silverware and plated ware .....	3914	—	38.3	—	—	20.5	—	—	—
Toys and sporting goods .....	394	220.3	68.3	32.1	13.2	19.8	3.5	15.8	2.5
Games, toys, and children's vehicles .....	3944	192.9	64.1	37.3	11.8	10.2	—	16.5	4.5
Sporting and athletic goods, n.e.c. ....	3949	238.3	72.7	30.5	14.7	24.8	4.3	16.6	1.9
Pens, pencils, office, and art supplies .....	395	177.7	41.6	12.0	11.7	17.9	4.8	16.7	—
Pens and mechanical pencils .....	3951	113.2	43.1	11.1	20.3	11.6	6.1	15.7	—
Costume jewelry and notions .....	396	142.3	57.0	15.0	22.5	12.6	—	9.6	19.9
Costume jewelry .....	3961	160.1	70.6	—	31.7	11.6	—	13.6	—
Fasteners, buttons, needles, and pins .....	3965	124.4	43.3	7.3	13.2	13.7	—	—	12.8
Miscellaneous manufactures .....	399	219.2	85.2	31.9	25.8	15.5	7.0	15.6	5.1
Brooms and brushes .....	3991	233.9	74.1	29.1	29.3	11.0	—	14.1	12.7
Signs and advertising specialties .....	3993	201.3	85.6	34.1	17.9	13.7	14.2	11.0	—
Manufacturing industries, n.e.c. ....	3999	251.6	94.1	32.1	34.4	20.7	—	23.5	4.7
Nondurable goods .....		190.6	58.9	21.9	13.6	19.6	6.7	18.2	5.6
Food and kindred products .....	20	275.5	80.5	31.8	18.3	24.7	11.0	31.0	9.8
Meat products .....	201	233.8	81.6	39.2	16.3	21.3	8.6	26.3	5.9
Meat packing plants .....	2011	356.7	130.4	72.8	26.3	21.8	11.1	30.6	5.6
Sausages and other prepared meats .....	2013	284.7	89.3	38.4	15.8	32.7	8.9	42.1	12.5
Poultry slaughtering and processing ..	2015	137.6	48.4	18.9	10.4	16.3	6.8	17.3	3.5
Dairy products .....	202	430.1	107.3	43.8	24.9	34.3	18.7	43.5	18.6
Cheese, natural and processed .....	2022	395.0	65.5	26.3	19.5	16.2	9.9	21.9	13.9
Dry, condensed, evaporated products .....	2023	281.4	77.7	—	—	43.9	—	12.3	10.5
Ice cream and frozen desserts .....	2024	417.9	122.9	31.4	37.5	43.9	11.2	55.3	15.1
Fluid milk .....	2026	489.9	134.4	67.8	23.6	39.7	30.7	61.5	24.3
Preserved fruits and vegetables .....	203	242.7	76.3	25.2	17.9	26.3	12.0	35.5	10.2
Canned fruits and vegetables .....	2033	258.8	78.7	30.1	18.1	23.4	9.7	39.6	7.7
Pickles, sauces, and salad dressings .....	2035	168.5	34.6	—	6.9	8.5	7.1	—	—
Frozen fruits and vegetables .....	2037	328.9	100.9	26.0	36.0	36.1	30.4	54.8	20.5
Frozen specialties, n.e.c. ....	2038	208.6	71.8	23.0	12.2	33.6	4.0	28.0	11.0
Grain mill products .....	204	240.0	79.5	23.9	23.5	21.7	12.3	24.0	9.8
Flour and other grain mill products .....	2041	248.7	67.0	21.5	21.4	—	—	—	—
Cereal breakfast foods .....	2043	183.6	57.9	13.1	24.4	20.5	10.5	12.6	12.0
Prepared flour mixes and doughs .....	2045	538.9	208.0	—	—	60.4	—	—	—
Wet corn milling .....	2046	—	20.3	—	7.2	—	—	13.2	—
Dog and cat food .....	2047	123.2	29.8	11.1	10.5	8.2	5.3	12.4	3.1
Prepared feeds, n.e.c. ....	2048	233.5	81.4	33.9	26.2	16.2	17.1	33.5	—

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness,1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Fluid meters and counting devices .....	36.9	24.3	16.8	—	—	—	—	—	—	5.7
Instruments to measure electricity .....	10.9	6.7	17.7	1.0	—	—	—	—	—	9.6
Optical instruments and lenses .....	10.1	8.8	18.6	4.9	—	—	—	—	—	8.1
Measuring and controlling devices, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Medical instruments and supplies .....	24.6	12.8	15.3	5.8	1.1	—	0.4	0.3	—	12.0
Surgical and medical instruments .....	18.4	12.0	15.3	4.5	1.1	—	—	—	—	13.9
Surgical appliances and supplies .....	32.0	11.7	16.8	7.5	1.0	—	1.0	1.0	—	11.0
Dental equipment and supplies .....	35.3	—	40.2	12.2	—	—	—	—	—	—
Electromedical equipment .....	17.8	15.0	5.9	2.2	1.7	—	—	—	—	4.1
Ophthalmic goods .....	19.6	—	35.4	—	—	—	—	—	—	—
Miscellaneous manufacturing industries ....	47.9	28.8	21.3	9.4	2.8	—	.4	.4	—	19.0
Jewelry, silverware, and plated ware .....	14.0	9.8	11.8	5.8	—	—	1.8	1.8	—	6.3
Jewelry, precious metal .....	—	3.9	—	—	—	—	—	—	—	3.6
Silverware and plated ware .....	28.6	24.4	23.7	—	—	—	—	—	—	29.3
Toys and sporting goods .....	63.3	37.0	29.2	13.6	.8	—	—	—	—	23.0
Games, toys, and children's vehicles .....	46.3	25.6	32.4	13.3	—	—	—	—	—	11.8
Sporting and athletic goods, n.e.c. ....	72.1	41.9	26.4	14.7	—	—	—	—	—	28.7
Pens, pencils, office, and art supplies ....	62.5	39.8	18.5	8.8	—	—	—	—	—	22.8
Pens and mechanical pencils .....	9.7	6.1	10.7	—	—	—	—	—	—	23.3
Costume jewelry and notions .....	22.7	19.4	19.3	8.8	—	—	—	—	—	—
Costume jewelry .....	—	20.1	—	—	—	—	—	—	—	—
Fasteners, buttons, needles, and pins .....	—	18.7	15.2	17.7	—	—	—	—	—	—
Miscellaneous manufactures .....	48.4	27.8	20.1	8.9	5.8	—	—	—	—	23.1
Brooms and brushes .....	56.8	45.0	39.1	—	15.1	—	—	—	—	—
Signs and advertising specialties .....	43.3	26.2	10.8	—	8.1	—	—	—	—	19.9
Manufacturing industries, n.e.c. ....	52.9	23.9	29.7	14.3	2.1	—	—	—	—	29.0
Nondurable goods .....	49.6	26.5	15.2	10.1	4.8	0.5	.5	.3	0.2	20.6
Food and kindred products .....	68.3	36.5	18.7	17.7	8.0	.3	1.0	.6	.4	29.2
Meat products .....	43.8	21.0	28.6	14.4	5.4	—	1.1	.4	.7	18.0
Meat packing plants .....	77.1	28.6	47.9	18.3	8.2	—	2.0	—	—	25.2
Sausages and other prepared meats .....	59.1	38.0	28.2	15.2	6.0	—	1.2	.8	—	22.2
Poultry slaughtering and processing ..	17.2	9.5	16.9	11.6	3.5	—	.6	.4	.2	11.8
Dairy products .....	125.7	68.9	14.6	44.6	10.0	—	—	—	—	47.0
Cheese, natural and processed .....	144.1	79.6	16.9	80.5	4.7	—	—	—	—	37.5
Dry, condensed, evaporated products .....	102.3	69.7	11.6	34.2	—	—	—	—	—	26.6
Ice cream and frozen desserts .....	125.0	92.8	16.1	26.5	6.7	—	—	—	—	38.0
Fluid milk .....	120.1	52.5	12.6	30.9	16.6	—	—	—	—	58.9
Preserved fruits and vegetables .....	39.0	24.2	11.1	22.3	5.3	—	.4	.4	—	30.4
Canned fruits and vegetables .....	39.3	24.1	8.7	32.1	5.7	—	—	—	—	36.8
Pickles, sauces, and salad dressings .....	35.7	27.2	6.8	—	—	—	—	—	—	51.3
Frozen fruits and vegetables .....	44.1	23.1	12.0	27.4	9.8	—	—	—	—	28.6
Frozen specialties, n.e.c. ....	38.2	25.0	17.5	14.4	2.1	—	—	—	—	21.3
Grain mill products .....	63.6	28.6	8.4	17.0	5.4	—	.9	—	.9	19.2
Flour and other grain mill products .....	59.3	41.8	20.4	—	9.6	—	—	—	—	24.2
Cereal breakfast foods .....	39.4	19.2	14.2	5.3	4.3	—	—	—	—	26.4
Prepared flour mixes and doughs .....	196.3	—	—	—	—	—	—	—	—	—
Wet corn milling .....	—	10.3	—	10.8	—	—	—	—	—	5.4
Dog and cat food .....	38.2	17.5	4.7	10.9	10.2	—	3.0	—	3.0	5.7
Prepared feeds, n.e.c. ....	53.6	27.4	—	18.5	—	—	—	—	—	—

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Bakery products .....	205	313.3	84.0	29.4	20.1	29.5	10.0	42.3	13.0
Bread, cake, and related products .....	2051	312.5	89.3	31.2	21.3	30.3	12.1	34.3	12.5
Cookies and crackers .....	2052	326.2	78.7	26.9	20.4	29.9	5.5	62.6	17.1
Frozen bakery products, except bread .....	2053	263.7	—	16.6	—	16.1	—	57.4	—
Sugar and confectionery products .....	206	167.9	48.7	12.9	8.6	24.5	5.5	13.2	5.3
Raw cane sugar .....	2061	140.2	47.9	16.0	14.2	10.5	10.1	14.7	—
Candy and other confectionery products .....	2064	158.5	53.9	7.5	7.3	37.1	2.1	12.6	2.7
Chewing gum .....	2067	249.3	67.0	33.5	15.0	18.5	13.1	17.7	17.3
Fats and oils .....	207	246.2	69.2	40.1	—	—	—	23.3	—
Beverages .....	208	326.9	68.6	26.5	17.2	18.0	12.2	29.0	10.4
Malt beverages .....	2082	140.0	41.7	9.8	8.3	18.2	6.6	13.2	4.0
Wines, brandy, and brandy spirits .....	2084	332.7	55.5	30.1	—	—	—	50.5	—
Bottled and canned soft drinks .....	2086	421.3	84.2	34.0	22.0	20.7	18.0	34.7	12.0
Flavoring extracts and syrups, n.e.c. ....	2087	151.6	40.6	—	—	—	—	—	9.1
Miscellaneous food and kindred products .....	209	305.7	88.5	30.9	20.2	31.6	13.5	34.7	10.4
Canned and cured fish and seafoods .....	2091	377.9	128.1	82.3	18.6	23.0	14.5	34.7	17.9
Fresh or frozen prepared fish .....	2092	415.7	134.8	48.2	27.8	43.7	28.8	52.1	20.1
Roasted coffee .....	2095	256.3	108.9	—	—	—	20.2	—	—
Potato chips and similar snacks .....	2096	286.2	63.7	22.7	16.9	22.2	8.4	35.9	9.4
Food preparations, n.e.c. ....	2099	262.5	78.4	24.2	22.4	27.6	—	29.7	—
Tobacco products .....	21	167.3	50.7	19.8	10.4	18.3	3.2	24.5	—
Cigarettes .....	211	175.4	47.2	16.9	11.9	15.2	3.9	28.7	—
Textile mill products .....	22	117.0	41.8	12.9	10.1	16.0	3.5	11.2	3.2
Broadwoven fabric mills, cotton .....	221	41.9	19.1	—	5.7	6.1	—	5.2	—
Broadwoven fabric mills, manmade .....	222	121.0	39.0	10.0	11.7	16.7	—	13.3	—
Narrow fabric mills .....	224	219.2	103.2	32.8	27.5	36.7	—	18.5	5.9
Knitting mills .....	225	85.0	20.6	5.4	7.2	6.0	6.2	12.2	4.5
Hosiery, n.e.c. ....	2252	84.4	9.8	5.4	1.8	1.9	4.2	11.6	12.0
Knit outerwear mills .....	2253	73.0	21.7	8.7	6.2	6.7	1.6	7.2	—
Knit underwear mills .....	2254	94.9	21.6	14.0	—	—	—	26.9	—
Weft knit fabric mills .....	2257	122.1	38.6	—	—	—	—	—	—
Textile finishing, except wool .....	226	199.8	64.6	31.5	17.7	14.1	6.1	13.9	—
Finishing plants, cotton .....	2261	195.4	46.3	19.0	14.4	12.1	4.8	—	—
Carpets and rugs .....	227	91.9	33.3	8.9	5.8	14.9	2.3	8.9	1.5
Yarn and thread mills .....	228	74.2	30.0	11.8	5.6	12.3	—	5.1	1.7
Yarn spinning mills .....	2281	70.8	30.6	12.2	7.0	11.0	—	3.8	1.3
Throwing and winding mills .....	2282	79.4	—	11.2	—	9.9	—	12.5	—
Miscellaneous textile goods .....	229	259.0	112.4	27.4	20.5	55.3	5.2	18.8	3.4
Coated fabrics, not rubberized .....	2295	419.1	119.0	33.5	—	51.8	—	37.2	—
Tire cord and fabrics .....	2296	268.8	98.9	46.5	—	44.6	—	22.2	—
Nonwoven fabrics .....	2297	192.2	96.9	—	—	54.7	—	—	—
Textile goods, n.e.c. ....	2299	222.6	127.9	21.8	43.8	58.5	6.2	18.0	—
Apparel and other textile products .....	23	135.6	38.8	14.7	12.2	10.3	3.6	10.8	1.4
Men's and boys' suits and coats .....	231	236.5	43.8	16.8	16.0	11.0	6.7	25.4	4.6
Men's and boys' furnishings .....	232	164.2	42.8	13.6	9.8	14.1	2.1	10.8	1.9
Men's and boys' shirts .....	2321	174.5	40.5	21.4	—	—	—	—	—
Men's and boys' underwear and nightwear .....	2322	202.0	—	—	20.4	—	—	—	—
Men's and boys' trousers and slacks .....	2325	176.4	35.8	10.1	8.7	15.3	—	13.4	1.9
Men's and boys' work clothing .....	2326	155.0	41.4	5.1	5.8	15.2	—	7.4	—

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness,1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Bakery products .....	89.4	49.0	19.5	7.1	8.8	1.6	0.8	0.8	—	36.8
Bread, cake, and related products .....	90.3	49.1	14.5	7.3	10.6	2.2	1.1	1.1	—	38.3
Cookies and crackers .....	86.7	42.2	32.8	6.4	—	—	—	—	—	31.3
Frozen bakery products, except bread .....	90.6	78.9	—	—	—	—	—	—	—	—
Sugar and confectionery products .....	40.0	24.4	8.8	15.6	5.2	—	—	—	—	25.1
Raw cane sugar .....	9.6	—	—	—	—	—	—	—	—	42.9
Candy and other confectionery products .....	41.2	29.7	12.6	7.2	—	—	—	—	—	23.7
Chewing gum .....	73.6	58.6	—	31.2	—	—	—	—	—	16.2
Fats and oils .....	65.1	51.9	—	30.4	—	—	—	—	—	29.7
Beverages .....	115.0	57.8	13.9	11.2	17.2	.6	3.6	2.4	—	45.3
Malt beverages .....	36.5	20.4	4.6	10.9	3.3	2.1	—	—	—	17.1
Wines, brandy, and brandy spirits .....	97.4	38.7	22.0	—	—	—	—	—	—	66.3
Bottled and canned soft drinks .....	161.2	80.3	18.4	7.7	26.5	—	5.1	3.6	1.5	53.3
Flavoring extracts and syrups, n.e.c. ....	44.8	35.2	—	—	—	—	—	—	—	30.8
Miscellaneous food and kindred products .....	77.1	44.8	21.8	18.0	10.4	—	—	—	—	31.1
Canned and cured fish and seafoods .....	66.3	43.0	37.3	26.9	—	—	—	—	—	44.1
Fresh or frozen prepared fish .....	58.2	41.5	30.2	32.5	22.1	—	—	—	—	36.6
Roasted coffee .....	—	—	—	—	—	—	—	—	—	—
Potato chips and similar snacks .....	90.1	37.3	34.8	5.2	9.6	—	—	—	—	29.2
Food preparations, n.e.c. ....	73.1	45.8	17.4	17.8	—	—	—	—	—	26.2
Tobacco products .....	45.8	14.6	6.0	2.6	4.8	—	—	—	—	28.4
Cigarettes .....	50.9	17.9	7.3	3.0	—	—	—	—	—	32.8
Textile mill products .....	33.4	16.7	7.3	4.5	1.1	—	.2	—	—	10.8
Broadwoven fabric mills, cotton .....	7.2	—	6.6	—	—	—	—	—	—	1.7
Broadwoven fabric mills, manmade .....	29.5	12.0	—	—	—	—	—	—	—	22.1
Narrow fabric mills .....	50.8	26.8	8.3	18.5	—	—	—	—	—	—
Knitting mills .....	22.6	15.3	7.8	2.3	.5	—	—	—	—	7.8
Hosiery, n.e.c. ....	25.0	17.2	8.3	4.3	—	—	—	—	—	8.7
Knit outerwear mills .....	24.9	17.7	8.4	—	—	—	—	—	—	6.1
Knit underwear mills .....	23.4	16.8	10.3	—	—	—	—	—	—	9.0
Weft knit fabric mills .....	—	—	—	—	—	—	—	—	—	—
Textile finishing, except wool .....	80.6	21.2	1.8	13.2	—	—	—	—	—	13.9
Finishing plants, cotton .....	106.0	23.8	3.9	12.0	—	—	—	—	—	—
Carpets and rugs .....	23.7	17.1	6.7	1.8	1.5	—	—	—	—	12.3
Yarn and thread mills .....	17.5	8.0	9.3	—	—	—	—	—	—	8.4
Yarn spinning mills .....	21.1	9.1	6.8	—	—	—	—	—	—	4.9
Throwing and winding mills .....	—	—	—	—	—	—	—	—	—	9.9
Miscellaneous textile goods .....	74.8	46.4	13.2	10.7	4.4	—	—	—	—	16.0
Coated fabrics, not rubberized .....	193.0	139.4	—	—	—	—	—	—	—	—
Tire cord and fabrics .....	78.6	20.3	37.0	—	—	—	—	—	—	16.7
Nonwoven fabrics .....	47.1	—	—	—	—	—	—	—	—	—
Textile goods, n.e.c. ....	30.8	14.1	8.0	16.7	—	—	—	—	—	11.0
Apparel and other textile products .....	28.9	15.8	28.0	6.8	1.6	—	.7	.3	.4	14.9
Men's and boys' suits and coats .....	45.8	29.8	72.6	14.4	—	—	—	—	—	23.3
Men's and boys' furnishings .....	37.6	20.8	41.9	8.3	2.2	—	—	—	—	16.3
Men's and boys' shirts .....	24.6	—	62.5	—	—	—	—	—	—	—
Men's and boys' underwear and nightwear .....	94.2	—	—	17.7	—	—	—	—	—	16.9
Men's and boys' trousers and slacks .....	47.5	21.2	57.7	5.0	—	—	1.4	—	1.4	12.3
Men's and boys' work clothing .....	38.6	26.5	42.0	—	—	—	—	—	—	21.1

See footnotes at end of table.



TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Women's and misses' outerwear .....	233	66.7	23.9	13.4	6.5	3.9	3.2	6.3	—
Women's, junior's, and misses' dresses .....	2335	—	—	—	—	—	—	—	—
Women's and misses' suits and coats .....	2337	116.0	41.2	14.1	22.0	5.2	9.1	7.3	—
Women's and misses' outerwear, n.e.c. ....	2339	72.0	24.3	12.9	6.5	4.7	3.4	7.3	—
Hats, caps, and millinery .....	235	240.0	58.1	30.0	9.3	18.9	11.9	10.0	—
Girls' and children's outerwear .....	236	—	—	7.9	7.8	—	—	7.5	—
Girls' and children's outerwear, n.e.c. ....	2369	115.0	30.6	11.8	14.7	—	7.2	11.0	—
Miscellaneous apparel and accessories .....	238	159.4	57.6	23.1	19.4	14.4	4.0	5.4	—
Apparel and accessories, n.e.c. ....	2389	158.7	—	—	—	—	—	—	—
Miscellaneous fabricated textile products .....	239	161.6	48.7	15.8	17.4	14.2	2.9	15.0	0.8
Curtains and draperies .....	2391	191.7	69.1	14.4	31.2	21.9	4.1	9.5	—
Housefurnishings, n.e.c. ....	2392	119.4	49.7	27.6	8.8	11.4	6.2	12.9	—
Canvas and related products .....	2394	222.1	63.0	22.0	—	—	—	34.1	—
Automotive and apparel trimmings .....	2396	160.2	52.0	12.3	29.4	9.8	—	15.8	—
Fabricated textile products, n.e.c. ....	2399	147.7	38.0	9.0	14.6	14.1	3.5	18.1	—
Paper and allied products .....	26	176.8	69.1	21.8	12.3	29.8	6.1	12.4	4.6
Paper mills .....	262	131.2	38.4	12.1	7.0	15.0	6.5	9.8	4.9
Paperboard mills .....	263	193.0	68.2	27.7	11.6	18.9	—	16.8	3.4
Paperboard containers and boxes .....	265	192.3	83.0	28.1	14.3	34.9	8.7	15.7	4.3
Corrugated and solid fiber boxes .....	2653	212.6	85.4	30.4	14.0	34.1	12.9	19.2	5.5
Fiber cans, drums and similar products .....	2655	246.4	121.5	45.7	—	56.1	—	—	—
Folding paperboard boxes .....	2657	127.2	63.9	15.6	14.7	27.5	2.7	3.1	—
Miscellaneous converted paper products .....	267	192.3	78.3	21.3	14.6	37.8	3.7	10.2	5.1
Paper coated and laminated, packaging .....	2671	152.9	63.4	12.7	10.7	37.7	—	9.8	10.5
Paper coated and laminated, n.e.c. ....	2672	139.7	48.1	15.8	11.0	17.0	2.9	5.3	5.0
Bags: plastics, laminated, and coated .....	2673	198.0	79.5	25.9	17.3	31.9	5.0	9.7	—
Bags: uncoated paper and multiwall ..	2674	159.8	65.9	22.0	—	41.9	—	—	—
Die-cut paper and board .....	2675	281.5	105.4	—	—	62.0	—	—	—
Sanitary paper products .....	2676	163.9	70.1	18.3	14.6	32.2	4.0	5.4	7.6
Envelopes .....	2677	209.1	106.2	23.0	15.4	64.1	—	10.2	—
Converted paper products, n.e.c. ....	2679	284.8	120.5	36.3	28.7	49.9	4.5	13.5	7.8
Printing and publishing .....	27	156.6	50.6	14.9	12.7	20.6	5.7	14.4	4.0
Newspapers .....	271	187.1	44.6	14.5	13.0	14.6	9.8	26.5	5.9
Periodicals .....	272	52.0	10.7	3.4	3.9	2.6	.7	6.3	1.8
Books .....	273	151.6	34.3	8.4	11.7	13.0	9.9	9.7	3.5
Book publishing .....	2731	113.3	21.6	7.9	8.8	4.8	13.7	5.5	2.2
Book printing .....	2732	233.6	61.5	9.3	17.8	30.6	—	18.5	6.1
Miscellaneous publishing .....	274	86.6	14.6	6.1	2.9	5.7	1.4	14.0	5.1
Commercial printing .....	275	174.5	68.0	21.8	15.4	27.1	4.3	12.0	3.6
Commercial printing, lithographic .....	2752	178.8	70.2	24.1	13.4	27.9	4.5	13.5	4.2
Commercial printing, n.e.c. ....	2759	164.0	64.3	18.1	19.3	25.5	3.7	8.7	2.0
Manifold business forms .....	276	138.4	53.2	—	18.8	28.0	—	6.9	—
Greeting cards .....	277	98.6	23.7	5.5	10.2	8.0	6.0	4.0	—
Blankbooks and bookbinding .....	278	218.6	114.7	12.8	21.1	76.7	—	—	—
Blankbooks and looseleaf binders .....	2782	155.2	51.8	16.3	11.8	22.5	4.6	—	—
Bookbinding and related work .....	2789	291.4	186.9	—	—	139.2	—	—	—

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									All other events <sup>6</sup>
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Women's and misses' outerwear .....	12.5	6.4	10.7	—	—	—	—	—	—	8.9
Women's, junior's, and misses' dresses .....	6.1	—	—	—	—	—	—	—	—	6.0
Women's and misses' suits and coats .....	36.6	24.5	10.4	—	—	—	—	—	—	11.5
Women's and misses' outerwear, n.e.c. ....	11.6	5.3	13.9	—	—	—	—	—	—	10.3
Hats, caps, and millinery .....	44.6	22.4	65.3	—	—	—	—	—	—	46.8
Girls' and children's outerwear .....	—	—	8.3	—	—	—	—	—	—	8.3
Girls' and children's outerwear, n.e.c. ....	36.4	—	8.3	—	6.1	—	—	—	—	12.4
Miscellaneous apparel and accessories .....	27.3	15.7	38.4	4.4	—	—	—	—	—	18.9
Apparel and accessories, n.e.c. ....	—	—	—	—	—	—	—	—	—	—
Miscellaneous fabricated textile products .....	31.3	15.2	28.9	12.0	2.9	—	1.7	0.7	0.9	17.3
Curtains and draperies .....	57.0	38.9	28.4	—	—	—	4.1	4.1	—	13.5
Housefurnishings, n.e.c. ....	17.7	10.2	11.0	4.9	1.9	—	—	—	—	13.1
Canvas and related products .....	79.1	23.2	22.0	—	—	—	—	—	—	9.0
Automotive and apparel trimmings .....	25.9	12.6	22.4	31.3	2.9	—	3.0	—	3.0	6.2
Fabricated textile products, n.e.c. ....	27.4	15.8	35.6	7.4	—	—	—	—	—	13.3
Paper and allied products .....	46.6	22.2	11.0	5.5	3.9	0.2	.3	.3	—	17.0
Paper mills .....	37.8	12.9	9.4	7.0	2.6	—	—	—	—	14.4
Paperboard mills .....	59.2	34.2	—	13.8	—	—	—	—	—	17.6
Paperboard containers and boxes .....	45.2	19.5	10.6	3.5	3.1	—	—	—	—	18.0
Corrugated and solid fiber boxes .....	51.3	24.7	6.6	3.9	4.0	—	—	—	—	23.3
Fiber cans, drums and similar products .....	50.0	—	—	—	—	—	—	—	—	—
Folding paperboard boxes .....	27.9	10.5	13.7	3.7	—	—	—	—	—	9.7
Miscellaneous converted paper products .....	51.9	28.6	14.6	4.7	4.8	—	.6	.6	—	18.2
Paper coated and laminated, packaging .....	41.0	27.9	—	5.0	3.1	—	—	—	—	13.3
Paper coated and laminated, n.e.c. ....	52.0	29.6	5.7	6.4	—	—	3.3	3.3	—	10.9
Bags: plastics, laminated, and coated .....	56.9	37.6	8.1	2.9	9.2	—	—	—	—	25.6
Bags: uncoated paper and multiwall ..	32.7	—	—	11.7	—	—	—	—	—	21.6
Die-cut paper and board .....	69.0	—	45.9	—	—	—	—	—	—	—
Sanitary paper products .....	38.8	17.6	11.2	7.7	4.9	—	—	—	—	14.2
Envelopes .....	40.8	30.8	33.2	—	—	—	—	—	—	12.6
Converted paper products, n.e.c. ....	80.1	30.6	14.6	2.9	10.7	—	—	—	—	30.2
Printing and publishing .....	44.0	25.6	11.5	3.2	5.6	—	.6	.4	.1	17.1
Newspapers .....	51.2	25.8	10.7	2.1	12.3	—	1.0	.7	.2	23.0
Periodicals .....	18.4	10.0	4.2	2.1	1.1	—	—	—	—	6.5
Books .....	48.7	38.2	27.6	3.1	3.7	—	—	—	—	11.1
Book publishing .....	30.9	22.9	22.7	—	5.3	—	—	—	—	7.5
Book printing .....	86.9	71.0	38.3	—	—	—	—	—	—	18.7
Miscellaneous publishing .....	32.1	16.6	6.5	3.0	1.7	—	—	—	—	8.1
Commercial printing .....	49.1	28.9	9.9	4.3	3.4	—	.6	.6	—	19.3
Commercial printing, lithographic .....	50.2	30.9	9.3	3.6	3.2	—	.7	.7	—	19.4
Commercial printing, n.e.c. ....	42.9	24.9	11.5	6.0	3.7	—	—	—	—	20.6
Manifold business forms .....	39.3	20.6	13.1	—	—	—	—	—	—	12.1
Greeting cards .....	32.8	21.7	16.9	—	—	—	—	—	—	13.1
Blankbooks and bookbinding .....	42.2	26.9	19.8	—	—	—	—	—	—	24.4
Blankbooks and looseleaf binders .....	32.4	14.5	18.9	—	—	—	—	—	—	40.5
Bookbinding and related work .....	53.5	41.2	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness,1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Printing trade services .....	279	96.6	35.2	15.0	—	13.0	—	3.7	3.7
Typesetting .....	2791	50.7	—	—	—	—	—	—	6.7
Platemaking services .....	2796	122.6	47.4	21.0	—	18.3	—	—	—
Chemicals and allied products .....	28	111.4	26.2	12.2	5.2	7.2	4.8	11.4	3.8
Industrial inorganic chemicals .....	281	115.3	34.4	28.0	—	—	7.6	8.8	1.7
Inorganic pigments .....	2816	164.8	—	—	—	—	—	—	—
Industrial inorganic chemicals, n.e.c. ....	2819	110.3	20.5	15.3	3.2	2.0	6.7	12.1	2.8
Plastics materials and synthetics .....	282	87.0	21.6	12.4	2.5	6.1	3.2	9.8	4.3
Plastics materials and resins .....	2821	89.2	21.9	16.8	1.5	—	5.2	11.7	—
Synthetic rubber .....	2822	114.1	—	8.7	—	—	—	—	—
Organic fibers, noncellulosic .....	2824	88.1	25.1	9.6	4.0	10.7	—	10.3	5.9
Drugs .....	283	85.0	21.0	8.7	3.7	7.0	4.2	9.6	2.6
Pharmaceutical preparations .....	2834	90.9	23.1	9.5	4.5	7.9	4.3	11.1	2.6
Soap, cleaners, and toilet goods .....	284	127.0	29.4	9.2	7.7	9.7	5.0	15.5	5.7
Soap and other detergents .....	2841	127.3	21.2	9.5	7.2	4.6	2.5	18.8	9.1
Polishes and sanitation goods .....	2842	90.1	20.9	—	—	—	—	—	—
Toilet preparations .....	2844	147.4	40.7	11.4	10.2	14.7	8.2	16.3	4.7
Paints and allied products .....	285	179.2	49.0	19.6	12.7	15.5	—	13.5	3.4
Industrial organic chemicals .....	286	89.3	15.2	6.1	4.4	3.9	3.4	6.9	4.7
Industrial organic chemicals, n.e.c. ...	2869	66.1	15.5	7.3	5.5	1.6	—	6.5	3.5
Agricultural chemicals .....	287	103.0	20.8	—	2.9	3.3	17.6	10.6	—
Agricultural chemicals, n.e.c. ....	2879	46.5	9.9	—	—	4.2	—	—	—
Miscellaneous chemical products .....	289	207.7	43.0	18.2	10.2	14.3	—	22.3	7.6
Adhesives and sealants .....	2891	162.9	23.9	18.2	—	—	—	—	21.3
Printing ink .....	2893	204.0	65.4	—	—	—	—	—	—
Chemical preparations, n.e.c. ....	2899	237.6	38.5	—	—	—	—	31.6	—
Petroleum and coal products .....	29	102.9	23.2	8.3	8.5	5.4	4.0	7.3	4.1
Petroleum refining .....	291	65.5	13.6	5.7	7.1	—	4.3	4.5	—
Asphalt paving and roofing materials .....	295	149.7	39.8	—	11.1	20.9	—	4.3	—
Asphalt paving mixtures and blocks ...	2951	174.9	42.9	—	—	—	—	—	—
Asphalt felts and coatings .....	2952	119.3	35.9	7.8	—	12.7	—	—	—
Miscellaneous petroleum and coal products .....	299	238.0	—	—	—	—	—	—	—
Lubricating oils and greases .....	2992	226.5	—	—	—	—	—	—	—
Rubber and miscellaneous plastics products .....	30	276.2	88.6	37.0	20.4	25.4	7.5	22.8	7.5
Tires and inner tubes .....	301	244.1	76.2	39.3	9.6	26.6	4.1	12.6	3.4
Hose and belting and gaskets and packing .....	305	202.1	62.9	24.7	20.1	13.9	4.2	17.9	2.7
Rubber and plastics hose and belting .....	3052	228.6	84.5	41.9	15.5	22.1	—	11.5	2.9
Gaskets, packing and sealing devices .....	3053	184.1	48.3	13.1	23.2	8.4	6.6	22.2	2.6
Fabricated rubber products, n.e.c. ....	306	275.5	88.3	34.3	28.5	21.4	6.1	18.5	6.2
Mechanical rubber goods .....	3061	292.3	88.7	37.2	19.7	26.0	8.5	17.9	5.4
Fabricated rubber products, n.e.c. ....	3069	257.1	87.9	31.1	38.2	16.4	3.5	19.3	7.1
Miscellaneous plastics products, n.e.c. ....	308	288.0	92.8	38.6	20.4	27.1	8.4	25.1	8.6
Unsupported plastics film and sheet ..	3081	240.4	98.3	35.8	16.4	39.9	4.4	16.3	6.0
Unsupported plastics profile shapes ...	3082	362.5	125.5	41.4	34.3	43.7	—	47.5	6.7
Laminated plastics plate and sheet ....	3083	265.8	81.8	39.0	14.2	18.1	5.5	18.1	6.0
Plastics pipe .....	3084	407.0	162.0	83.4	19.6	57.1	23.6	27.6	9.2
Plastics bottles .....	3085	262.3	76.8	—	19.7	39.4	—	37.2	—
Plastics foam products .....	3086	310.1	120.2	59.8	21.1	29.1	10.1	28.2	7.3

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Printing trade services .....	20.2	15.8	9.4	—	14.6	—	—	—	—	—
Typesetting .....	10.3	—	—	—	—	—	—	—	—	—
Platemaking services .....	25.8	21.9	6.6	—	22.8	—	—	—	—	—
Chemicals and allied products .....	27.5	15.4	7.3	11.4	4.1	1.0	0.2	—	0.2	13.7
Industrial inorganic chemicals .....	25.3	18.9	1.7	11.8	9.1	—	—	—	—	11.5
Inorganic pigments .....	—	—	—	—	—	—	—	—	—	—
Industrial inorganic chemicals, n.e.c. ....	18.9	11.3	2.3	20.2	12.2	5.8	—	—	—	8.3
Plastics materials and synthetics .....	21.6	10.5	6.5	6.1	3.0	—	—	—	—	10.7
Plastics materials and resins .....	23.4	8.8	3.6	7.7	3.6	—	—	—	—	10.9
Synthetic rubber .....	—	—	10.2	—	—	—	—	—	—	—
Organic fibers, noncellulosic .....	16.8	7.3	10.2	4.6	1.9	—	—	—	—	11.7
Drugs .....	18.9	8.2	8.8	6.5	2.1	.3	.5	—	.4	10.7
Pharmaceutical preparations .....	20.1	9.4	8.8	6.4	2.6	—	.6	—	.5	11.2
Soap, cleaners, and toilet goods .....	29.9	14.8	9.3	16.7	4.8	—	—	—	—	10.8
Soap and other detergents .....	24.8	7.7	12.1	18.8	—	—	—	—	—	14.9
Polishes and sanitation goods .....	22.6	—	—	—	—	—	—	—	—	—
Toilet preparations .....	36.8	20.8	9.4	15.1	6.1	—	—	—	—	10.0
Paints and allied products .....	62.4	41.1	—	9.0	18.2	—	—	—	—	16.8
Industrial organic chemicals .....	31.4	20.8	7.1	10.5	—	—	—	—	—	8.9
Industrial organic chemicals, n.e.c. ....	13.5	7.3	7.7	5.9	.8	—	—	—	—	9.6
Agricultural chemicals .....	—	—	—	—	—	—	—	—	—	23.0
Agricultural chemicals, n.e.c. ....	5.9	3.2	5.1	6.9	3.8	—	—	—	—	12.1
Miscellaneous chemical products .....	50.8	28.8	10.3	31.6	—	—	—	—	—	34.9
Adhesives and sealants .....	49.2	—	7.5	25.8	—	—	—	—	—	—
Printing ink .....	50.2	—	—	—	—	—	—	—	—	—
Chemical preparations, n.e.c. ....	48.0	35.5	—	50.7	—	—	—	—	—	57.9
Petroleum and coal products .....	17.2	7.3	1.2	22.5	5.4	1.0	—	—	—	16.7
Petroleum refining .....	8.3	—	1.4	14.8	—	1.5	—	—	—	13.5
Asphalt paving and roofing materials .....	32.6	13.8	—	29.2	17.2	—	—	—	—	18.9
Asphalt paving mixtures and blocks .....	34.6	—	—	36.3	—	—	—	—	—	—
Asphalt felts and coatings .....	30.2	—	—	—	—	—	—	—	—	—
Miscellaneous petroleum and coal products .....	—	—	—	—	—	—	—	—	—	—
Lubricating oils and greases .....	—	—	—	—	—	—	—	—	—	—
Rubber and miscellaneous plastics products .....	78.0	41.5	23.2	12.7	3.8	1.4	.5	0.2	.3	30.3
Tires and inner tubes .....	86.7	36.4	13.9	13.2	4.3	—	—	—	—	29.0
Hose and belting and gaskets and packing .....	56.5	24.6	14.9	13.5	—	—	—	—	—	28.2
Rubber and plastics hose and belting .....	58.4	18.5	19.7	25.3	—	—	—	—	—	23.9
Gaskets, packing and sealing devices .....	55.3	28.7	11.6	5.5	—	—	—	—	—	31.1
Fabricated rubber products, n.e.c. ....	84.8	40.0	24.1	19.3	6.4	—	.8	.8	—	21.0
Mechanical rubber goods .....	87.3	42.8	25.5	26.4	11.3	—	1.5	1.5	—	19.7
Fabricated rubber products, n.e.c. ....	82.0	36.9	22.5	11.6	—	—	—	—	—	22.3
Miscellaneous plastics products, n.e.c. ....	78.4	44.1	24.9	11.7	3.6	1.8	.5	—	.4	32.2
Unsupported plastics film and sheet ..	64.2	34.3	6.2	7.5	3.5	—	—	—	—	33.0
Unsupported plastics profile shapes ..	112.9	66.4	23.5	14.1	—	—	—	—	—	22.4
Laminated plastics plate and sheet ....	89.9	28.7	17.3	6.7	—	—	—	—	—	38.0
Plastics pipe .....	119.9	56.9	13.7	16.7	—	—	—	—	—	22.4
Plastics bottles .....	65.3	51.8	—	—	—	—	—	—	—	39.0
Plastics foam products .....	80.6	37.8	10.6	10.8	7.9	—	—	—	—	33.9

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Custom compound purchased resins .....	3087	378.4	85.9	32.1	28.1	18.4	4.4	37.0	—
Plastics plumbing fixtures .....	3088	444.0	126.0	68.7	40.8	—	—	—	7.3
Plastics products, n.e.c. ....	3089	271.5	83.7	34.7	19.1	23.9	8.9	23.5	9.2
Leather and leather products .....	31	156.5	47.4	16.7	12.7	14.1	4.4	16.8	3.3
Leather tanning and finishing .....	311	271.2	102.5	—	34.4	—	—	37.4	—
Footwear, except rubber .....	314	163.5	38.6	12.4	12.7	13.5	6.2	16.3	6.0
Men's footwear, except athletic .....	3143	—	—	—	—	—	—	10.2	—
<b>Transportation and public utilities<sup>8</sup> .....</b>		<b>306.5</b>	<b>65.7</b>	<b>33.4</b>	<b>18.3</b>	<b>9.2</b>	<b>21.0</b>	<b>28.9</b>	<b>11.3</b>
Railroad transportation <sup>8</sup> .....	40	235.2	41.8	19.1	14.6	3.3	47.8	5.1	—
Local and interurban passenger transit .....	41	349.4	39.6	17.1	13.4	3.2	14.1	38.0	11.2
Local and suburban transportation .....	411	430.5	49.7	22.8	15.6	3.6	12.9	40.2	10.5
Taxicabs .....	412	200.7	19.6	12.7	5.2	—	—	15.4	—
Intercity and rural bus transportation .....	413	327.4	58.8	30.6	16.8	8.2	17.1	38.7	18.5
Bus charter service .....	414	237.8	19.0	7.4	6.4	—	27.3	31.4	7.1
School buses .....	415	258.7	24.7	5.4	12.6	1.7	16.2	42.1	14.6
Trucking and warehousing .....	42	360.4	86.7	46.8	20.6	12.5	30.9	31.6	14.4
Trucking and courier services, except air .....	421	369.3	88.7	48.5	20.7	12.6	33.0	33.0	15.3
Public warehousing and storage .....	422	268.1	68.1	32.7	17.8	11.5	12.1	19.5	6.8
Water transportation .....	44	375.5	124.4	67.0	31.2	20.1	29.5	39.2	19.0
Water transportation of freight, n.e.c. ....	444	432.7	69.0	—	—	—	—	—	—
Water transportation services .....	449	457.9	168.2	94.0	41.2	26.0	39.7	51.9	20.1
Transportation by air .....	45	656.7	140.5	71.5	40.9	20.2	24.4	57.7	22.2
Air transportation, scheduled .....	451	733.7	157.0	80.4	46.1	21.7	23.9	63.7	25.1
Air transportation, nonscheduled .....	452	154.7	—	—	—	—	30.8	30.5	—
Airports, flying fields, and services .....	458	302.9	69.9	31.7	17.7	15.2	25.4	25.6	8.4
Transportation services .....	47	132.2	39.9	19.2	12.2	7.6	5.3	19.2	2.1
Freight transportation arrangement .....	473	203.9	67.6	30.2	23.7	13.1	7.1	27.3	3.0
Miscellaneous transportation services ...	478	272.6	88.6	50.8	15.9	16.3	15.4	35.6	—
Communications .....	48	118.7	16.5	6.2	7.5	1.3	12.1	15.4	5.7
Telephone communications .....	481	125.9	16.7	6.1	8.0	1.4	10.0	15.6	6.6
Cable and other pay television services .....	484	168.3	27.3	10.1	12.0	—	32.1	19.2	6.4
Electric, gas, and sanitary services .....	49	171.2	35.4	17.8	9.2	6.1	11.7	17.7	7.6
Electric services .....	491	103.3	21.5	8.2	6.6	5.9	7.1	10.6	4.2
Gas production and distribution .....	492	136.0	23.9	7.5	10.6	1.7	10.6	19.6	8.7
Combination utility services .....	493	151.5	31.0	23.7	6.1	.6	21.4	15.7	5.4
Water supply .....	494	258.1	35.0	—	—	—	—	—	—
Sanitary services .....	495	342.4	76.0	39.6	17.0	13.3	14.5	33.3	16.5
<b>Wholesale and retail trade .....</b>		<b>179.9</b>	<b>50.0</b>	<b>27.4</b>	<b>13.1</b>	<b>6.4</b>	<b>8.8</b>	<b>25.0</b>	<b>6.3</b>
Wholesale trade .....		204.5	53.1	27.2	13.0	9.5	12.8	18.3	6.4
Wholesale trade— durable goods .....	50	168.4	50.1	26.4	11.2	8.5	11.1	14.0	3.9
Motor vehicles, parts, and supplies .....	501	247.1	65.5	36.8	17.4	3.7	18.3	23.0	3.5
Furniture and home furnishings .....	502	176.8	59.6	39.1	5.9	11.3	6.6	16.8	—
Lumber and construction materials .....	503	271.7	83.0	50.1	16.4	12.6	17.4	29.2	6.3
Professional and commercial equipment .....	504	104.8	17.6	8.8	2.0	4.2	3.2	11.4	3.4
Metals and minerals, except petroleum ..	505	253.4	112.3	53.3	28.4	21.3	18.1	17.8	6.0
Electrical goods .....	506	85.7	23.3	11.8	6.1	3.3	5.0	4.8	1.5
Hardware, plumbing and heating equipment .....	507	178.6	37.7	17.3	11.6	7.2	18.8	10.9	3.9
Machinery, equipment, and supplies .....	508	176.2	65.3	32.5	16.5	13.0	12.9	10.6	5.1

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Custom compound purchased resins .....	107.7	71.4	40.5	27.0	17.3	—	—	—	—	50.9
Plastics plumbing fixtures .....	157.4	72.3	62.4	—	—	—	—	—	—	49.7
Plastics products, n.e.c. ....	70.7	41.6	28.6	12.2	1.5	2.8	—	—	—	29.9
Leather and leather products .....	36.5	17.5	27.4	4.2	1.6	—	—	—	—	14.8
Leather tanning and finishing .....	81.9	—	—	—	—	—	—	—	—	—
Footwear, except rubber .....	33.8	16.5	39.4	2.1	—	—	—	—	—	19.6
Men's footwear, except athletic .....	—	—	—	—	—	—	—	—	—	—
<b>Transportation and public utilities<sup>8</sup> .....</b>	<b>87.1</b>	<b>46.5</b>	<b>8.7</b>	<b>10.6</b>	<b>28.3</b>	<b>.4</b>	<b>1.7</b>	<b>1.1</b>	<b>0.7</b>	<b>43.0</b>
Railroad transportation <sup>8</sup> .....	38.2	—	5.0	8.3	29.9	—	2.6	2.6	—	56.4
Local and interurban passenger transit .....	113.4	72.7	3.0	7.4	75.7	—	8.0	7.5	.5	38.7
Local and suburban transportation .....	171.5	118.4	2.8	8.0	77.7	.9	8.0	7.2	.8	48.3
Taxicabs .....	45.6	34.9	—	—	81.7	—	19.3	19.3	—	13.5
Intercity and rural bus transportation .....	93.5	30.3	8.8	—	34.8	—	—	—	—	34.1
Bus charter service .....	43.4	36.6	—	—	82.1	—	5.0	5.0	—	20.1
School buses .....	33.3	5.9	3.2	8.5	78.7	—	4.5	4.2	—	32.4
Trucking and warehousing .....	88.9	44.6	6.5	10.1	44.0	.6	1.0	.5	.4	45.9
Trucking and courier services, except air .....	89.1	43.5	6.1	10.2	46.1	.6	1.1	.6	.5	46.3
Public warehousing and storage .....	77.5	51.6	10.5	6.5	25.5	—	—	—	—	41.5
Water transportation .....	64.4	17.6	4.9	7.6	22.9	—	—	—	—	61.6
Water transportation of freight, n.e.c. ....	122.1	—	—	—	—	—	—	—	—	119.8
Water transportation services .....	66.5	15.9	5.1	9.9	31.6	—	—	—	—	64.8
Transportation by air .....	247.0	141.7	16.8	22.5	28.4	—	2.5	1.5	1.0	94.7
Air transportation, scheduled .....	283.5	161.9	18.9	24.9	30.3	—	2.9	1.8	1.1	103.4
Air transportation, nonscheduled .....	41.4	32.5	—	—	—	—	—	—	—	—
Airports, flying fields, and services .....	66.6	40.7	7.6	12.1	20.2	—	—	—	—	66.3
Transportation services .....	30.0	14.8	6.3	1.6	14.3	—	.4	.4	—	13.0
Freight transportation arrangement .....	48.6	23.3	6.7	—	22.5	—	—	—	—	19.3
Miscellaneous transportation services ...	61.8	28.1	12.7	—	16.3	—	—	—	—	29.4
Communications .....	20.9	10.1	10.4	8.0	11.7	—	1.0	.4	.7	16.9
Telephone communications .....	22.2	10.6	13.0	9.2	12.1	—	1.1	.3	.8	19.4
Cable and other pay television services .....	27.5	12.0	7.1	10.0	17.6	—	—	—	1.0	19.8
Electric, gas, and sanitary services .....	42.0	22.9	5.8	8.8	10.8	1.0	1.5	.1	1.4	28.9
Electric services .....	24.6	11.6	4.2	6.7	5.1	.8	.8	—	.8	17.5
Gas production and distribution .....	26.1	8.9	5.0	1.7	9.7	2.5	1.3	—	1.2	26.9
Combination utility services .....	29.1	11.4	8.8	4.9	5.2	1.2	3.1	—	2.7	25.7
Water supply .....	50.3	—	—	79.2	—	—	—	—	—	37.0
Sanitary services .....	100.7	67.5	3.9	10.4	28.9	—	1.9	—	1.6	56.1
<b>Wholesale and retail trade .....</b>	<b>49.0</b>	<b>32.3</b>	<b>4.9</b>	<b>7.7</b>	<b>7.6</b>	<b>.4</b>	<b>1.7</b>	<b>1.2</b>	<b>.5</b>	<b>18.4</b>
Wholesale trade .....	63.1	39.1	6.5	5.9	13.5	.4	.9	.2	.7	23.6
Wholesale trade—durable goods .....	47.5	29.1	4.9	5.1	11.7	.3	.4	—	.2	19.6
Motor vehicles, parts, and supplies .....	65.9	40.8	6.9	12.5	30.8	—	—	—	—	20.2
Furniture and home furnishings .....	57.5	41.3	10.4	—	11.5	—	—	—	—	11.6
Lumber and construction materials .....	99.7	64.4	—	—	11.1	—	—	—	—	20.4
Professional and commercial equipment .....	27.8	19.1	3.6	2.0	11.1	—	—	—	—	24.7
Metals and minerals, except petroleum ..	62.3	35.6	—	—	10.5	—	—	—	—	18.1
Electrical goods .....	24.8	17.8	4.2	2.7	6.9	—	—	—	—	12.4
Hardware, plumbing and heating equipment .....	57.0	37.6	4.8	4.6	14.2	—	—	—	—	26.7
Machinery, equipment, and supplies .....	49.7	25.4	3.7	7.6	4.3	—	—	—	—	16.2

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Miscellaneous durable goods .....	509	202.8	74.3	37.3	13.2	15.9	13.8	17.6	5.3
Wholesale trade— nondurable goods .....	51	258.7	57.6	28.4	15.6	11.0	15.4	24.7	10.2
Paper and paper products .....	511	142.7	33.3	13.7	8.9	7.9	10.7	12.1	4.0
Drugs, proprietaries, and sundries .....	512	171.8	36.7	18.8	10.8	5.4	8.4	21.4	10.0
Apparel, piece goods, and notions .....	513	80.2	15.3	7.6	5.7	—	6.0	11.1	1.8
Groceries and related products .....	514	408.6	96.6	46.0	28.5	18.3	22.1	39.9	16.4
Farm-product raw materials .....	515	252.3	50.0	25.5	9.6	—	45.9	—	—
Chemicals and allied products .....	516	138.2	21.6	11.2	—	—	8.8	12.4	—
Petroleum and petroleum products .....	517	174.4	35.9	11.2	14.7	7.5	11.4	21.8	19.4
Beer, wine, and distilled beverages .....	518	353.5	70.2	42.8	14.1	11.1	10.8	22.7	13.0
Miscellaneous nondurable goods .....	519	187.8	40.2	23.0	7.2	8.2	11.9	18.8	6.0
Retail trade .....		170.3	48.7	27.5	13.1	5.2	7.3	27.7	6.3
Building materials and garden supplies .....	52	239.0	76.7	46.3	16.3	9.5	15.8	17.8	8.8
Lumber and other building materials .....	521	284.6	92.6	59.4	20.1	8.5	17.8	21.3	11.6
Paint, glass, and wallpaper stores .....	523	148.4	71.6	39.5	24.6	—	—	—	—
Hardware stores .....	525	130.7	39.3	23.7	4.6	3.3	16.7	7.3	—
Retail nurseries and garden stores .....	526	188.8	42.2	18.6	9.2	8.6	11.5	24.6	—
Mobile home dealers .....	527	188.6	55.9	—	—	41.3	—	—	—
General merchandise stores .....	53	235.0	68.6	42.0	17.9	6.5	11.8	34.8	4.8
Department stores .....	531	243.8	72.5	44.0	19.0	7.1	12.0	36.6	5.1
Variety stores .....	533	179.4	36.7	23.8	9.0	—	6.3	20.8	—
Miscellaneous general merchandise stores .....	539	157.2	40.3	28.2	9.7	—	12.8	21.4	—
Food stores .....	54	237.5	79.4	41.4	24.9	10.0	5.8	29.7	9.1
Grocery stores .....	541	251.9	82.7	42.6	25.9	10.7	5.8	31.0	8.9
Meat and fish markets .....	542	228.7	—	—	—	—	—	—	—
Fruit and vegetable markets .....	543	106.0	—	7.5	—	—	7.1	—	7.2
Retail bakeries .....	546	125.3	52.6	43.0	—	—	—	25.4	—
Miscellaneous food stores .....	549	120.6	31.7	23.8	—	—	—	—	25.1
Automotive dealers and service stations .....	55	164.0	44.9	25.5	10.1	4.1	6.9	19.6	7.2
New and used car dealers .....	551	159.5	45.4	24.3	10.9	3.4	5.0	20.4	8.0
Used car dealers .....	552	80.9	27.9	—	—	—	—	—	—
Auto and home supply stores .....	553	233.5	88.1	59.3	16.7	8.1	8.7	9.9	4.1
Gasoline service stations .....	554	139.4	20.0	10.0	5.2	3.1	6.9	29.0	8.8
Boat dealers .....	555	136.9	40.2	—	—	—	—	25.8	—
Recreational vehicle dealers .....	556	258.1	—	—	—	—	76.0	—	—
Motorcycle dealers .....	557	85.8	—	—	—	—	—	—	—
Apparel and accessory stores .....	56	93.5	26.0	15.7	7.1	2.0	8.3	15.4	2.7
Men's and boys' clothing stores .....	561	30.7	13.6	—	—	—	6.6	—	—
Women's clothing stores .....	562	59.9	21.4	16.4	3.4	—	3.7	8.8	—
Children's and infants' wear stores .....	564	89.5	—	—	—	—	—	—	—
Family clothing stores .....	565	135.4	37.6	19.2	14.9	1.8	11.1	22.8	4.5
Shoe stores .....	566	99.5	17.0	14.2	—	—	8.2	21.1	—
Miscellaneous apparel and accessory stores .....	569	56.3	13.6	7.6	—	—	8.0	9.4	—
Furniture and homefurnishings stores .....	57	159.5	38.3	22.2	7.8	2.6	9.9	13.5	7.6
Furniture and homefurnishings stores .....	571	214.5	55.6	33.5	12.0	3.5	14.7	19.9	10.7
Household appliance stores .....	572	234.1	24.1	12.8	7.9	—	14.3	—	—
Radio, television, and computer stores .....	573	76.2	18.5	9.2	2.5	1.5	2.9	6.6	4.3
Eating and drinking places .....	58	142.3	39.2	21.6	11.1	4.2	3.7	38.7	6.6
Miscellaneous retail .....	59	114.0	24.0	13.7	6.2	2.6	9.0	14.2	2.9
Drug stores and proprietary stores .....	591	92.4	18.4	11.2	3.2	2.7	6.8	11.5	2.3
Liquor stores .....	592	121.1	—	—	—	—	—	—	—
Used merchandise stores .....	593	165.8	36.0	20.6	12.3	—	—	9.9	—
Miscellaneous shopping goods stores .....	594	91.1	25.0	16.3	4.3	2.4	8.0	9.7	2.3

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Miscellaneous durable goods .....	40.8	18.7	10.2	6.1	9.1	—	—	—	—	22.1
Wholesale trade— nondurable goods .....	86.6	54.2	9.0	7.1	16.2	0.5	1.7	0.3	1.4	29.6
Paper and paper products .....	46.4	32.2	7.5	—	7.4	—	—	—	—	18.8
Drugs, proprietaries, and sundries .....	51.2	33.9	15.2	—	11.3	—	—	—	—	15.0
Apparel, piece goods, and notions .....	30.8	22.2	2.9	—	3.3	—	—	—	—	8.0
Groceries and related products .....	146.0	90.0	11.1	7.6	24.5	—	2.4	—	2.4	41.9
Farm-product raw materials .....	41.8	21.4	17.9	24.6	16.3	—	12.3	—	11.1	35.2
Chemicals and allied products .....	40.0	30.5	—	26.0	10.6	—	—	—	—	13.7
Petroleum and petroleum products .....	48.3	25.3	—	—	7.6	—	—	—	—	22.0
Beer, wine, and distilled beverages .....	168.3	94.6	5.2	2.5	19.8	—	1.1	1.1	—	39.9
Miscellaneous nondurable goods .....	44.7	30.6	8.2	8.2	16.1	1.6	—	—	—	31.1
Retail trade .....	43.6	29.6	4.3	8.3	5.3	.5	2.0	1.6	.4	16.4
Building materials and garden supplies .....	74.9	51.7	4.2	7.7	7.0	—	1.2	—	.7	24.8
Lumber and other building materials .....	90.3	58.8	4.6	9.4	8.7	—	—	—	—	27.2
Paint, glass, and wallpaper stores .....	33.2	29.8	—	—	—	—	—	—	—	—
Hardware stores .....	43.9	34.7	1.2	2.7	2.6	—	4.4	—	4.3	10.9
Retail nurseries and garden stores .....	53.6	41.3	8.6	8.0	—	—	—	—	—	31.2
Mobile home dealers .....	65.2	58.6	—	—	—	—	—	—	—	45.4
General merchandise stores .....	72.9	48.4	6.7	5.8	2.8	—	2.0	1.4	.6	24.7
Department stores .....	75.3	49.4	6.9	6.4	3.0	—	2.2	1.5	.7	23.9
Variety stores .....	41.1	23.7	7.3	1.8	—	—	—	—	—	59.4
Miscellaneous general merchandise stores .....	64.7	53.0	—	—	—	—	—	—	—	10.4
Food stores .....	72.7	49.8	10.3	4.5	3.6	—	2.8	2.5	—	19.6
Grocery stores .....	79.8	54.8	11.5	4.1	3.6	—	3.1	2.8	—	21.5
Meat and fish markets .....	—	—	—	—	—	—	—	—	—	—
Fruit and vegetable markets .....	—	—	—	—	7.2	—	—	—	—	—
Retail bakeries .....	12.3	—	—	—	—	—	—	—	—	—
Miscellaneous food stores .....	28.0	—	—	—	—	—	—	—	—	—
Automotive dealers and service stations .....	40.5	25.4	2.7	6.4	12.6	2.2	1.5	1.2	.3	19.4
New and used car dealers .....	36.5	19.2	2.3	6.6	14.2	.8	—	—	—	19.8
Used car dealers .....	—	—	22.3	—	—	—	—	—	—	—
Auto and home supply stores .....	63.8	44.2	2.4	5.1	20.7	5.2	—	—	—	25.3
Gasoline service stations .....	39.4	28.5	.9	8.1	5.3	—	4.8	4.0	.9	15.9
Boat dealers .....	24.4	—	—	—	—	—	—	—	—	—
Recreational vehicle dealers .....	57.5	41.0	—	—	—	—	—	—	—	60.0
Motorcycle dealers .....	—	—	—	—	—	—	—	—	—	—
Apparel and accessory stores .....	19.7	13.4	2.0	2.8	1.1	1.2	1.9	1.9	—	12.4
Men's and boys' clothing stores .....	—	—	—	—	—	—	—	—	—	—
Women's clothing stores .....	9.1	4.9	—	—	—	—	5.0	5.0	—	7.9
Children's and infants' wear stores .....	—	—	—	—	—	—	—	—	—	—
Family clothing stores .....	30.5	17.7	4.2	3.0	1.6	—	.9	.9	—	19.1
Shoe stores .....	27.0	25.4	—	—	—	—	—	—	—	12.6
Miscellaneous apparel and accessory stores .....	—	—	2.6	—	—	—	—	—	—	11.0
Furniture and home furnishings stores .....	58.4	33.3	2.2	1.2	8.3	.7	1.3	—	1.0	18.2
Furniture and home furnishings stores .....	76.5	46.0	3.4	1.9	8.9	—	—	—	—	22.3
Household appliance stores .....	97.6	51.5	—	—	34.2	—	9.2	—	9.2	42.6
Radio, television, and computer stores .....	28.6	13.9	—	—	3.1	1.7	—	—	—	8.7
Eating and drinking places .....	20.2	16.0	1.4	16.0	4.0	—	2.5	2.2	.4	10.0
Miscellaneous retail .....	32.9	22.4	5.6	3.6	5.2	.4	1.3	.9	.3	14.9
Drug stores and proprietary stores .....	27.9	19.2	5.3	1.7	3.5	—	2.9	2.9	—	12.0
Liquor stores .....	—	—	—	—	—	—	—	—	—	—
Used merchandise stores .....	89.8	71.1	—	—	9.2	—	—	—	—	8.7
Miscellaneous shopping goods stores .....	22.3	16.3	4.1	1.6	2.8	—	.7	.7	—	14.6

See footnotes at end of table.



TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Nonstore retailers .....	596	158.3	30.6	13.7	9.8	5.2	8.8	27.5	4.4
Fuel dealers .....	598	284.1	39.0	13.6	21.0	—	55.3	42.6	17.3
Retail stores, n.e.c. ....	599	96.6	18.3	9.5	7.2	—	5.5	13.3	—
<b>Finance, insurance, and real estate</b> .....		58.6	11.2	6.3	3.1	1.0	3.9	9.8	1.7
Depository institutions .....	60	43.0	7.0	3.9	2.5	.4	2.2	9.9	1.3
Central reserve depositories .....	601	72.7	15.9	5.9	5.7	—	4.0	8.2	2.4
Commercial banks .....	602	35.8	7.1	4.4	2.2	.3	2.3	7.6	1.2
Savings institutions .....	603	71.0	—	—	—	—	—	—	—
Credit unions .....	606	67.4	10.0	—	—	—	—	10.9	—
Functions closely related to banking .....	609	25.2	—	—	1.8	—	—	—	—
Nondepository institutions .....	61	26.5	2.5	.9	.7	.8	1.0	4.2	.8
Business credit institutions .....	615	33.8	8.3	1.0	—	4.0	.8	5.2	3.5
Mortgage bankers and brokers .....	616	23.4	—	—	—	—	—	—	—
Security and commodity brokers .....	62	26.8	5.6	4.2	1.3	—	—	6.2	—
Insurance carriers .....	63	52.3	4.6	2.0	1.6	.7	2.7	8.1	1.3
Life insurance .....	631	50.5	2.6	.8	1.2	.4	2.1	8.2	.9
Medical service and health insurance .....	632	55.6	3.9	2.2	1.2	.3	3.5	11.0	1.8
Fire, marine, and casualty insurance .....	633	51.7	6.6	2.8	2.3	1.1	3.2	5.8	1.5
Pension, health, and welfare funds .....	637	19.9	—	—	—	—	—	2.5	—
Insurance agents, brokers, and service .....	64	23.6	2.0	1.2	.8	—	1.1	4.2	—
Real estate .....	65	144.4	37.7	21.6	9.7	3.2	12.7	19.3	4.6
Real estate operators and lessors .....	651	192.6	42.1	21.7	12.2	3.8	19.1	27.0	6.4
Real estate agents and managers .....	653	109.4	32.5	20.9	6.8	2.8	9.1	13.8	2.7
Subdividers and developers .....	655	189.2	63.6	33.9	19.4	4.2	10.2	23.1	10.0
Holding and other investment offices .....	67	27.6	4.3	4.1	—	—	—	8.8	—
<b>Services</b> .....		145.8	26.8	14.3	7.8	2.9	6.5	20.8	5.1
Hotels and other lodging places .....	70	207.2	48.2	27.9	15.5	3.0	12.4	37.7	11.0
Hotels and motels .....	701	209.3	48.6	28.3	15.5	3.1	12.2	37.4	11.4
Personal services .....	72	102.9	25.9	13.1	6.6	4.1	5.4	10.5	2.2
Laundry, cleaning, and garment services .....	721	177.0	40.7	16.8	10.0	9.0	9.8	18.6	5.1
Photographic studios, portrait .....	722	79.0	16.5	—	9.1	—	—	—	—
Beauty shops .....	723	40.7	20.5	15.9	4.5	—	—	5.2	—
Funeral service and crematories .....	726	49.7	—	—	—	—	12.1	—	—
Miscellaneous personal services .....	729	75.3	—	—	—	—	—	—	—
Business services .....	73	94.0	19.3	10.7	4.5	2.8	5.6	13.2	3.2
Credit reporting and collection .....	732	25.7	—	—	—	—	—	8.5	—
Mailing, reproduction, stenographic .....	733	62.4	13.7	6.6	3.2	4.0	—	6.1	3.8
Services to buildings .....	734	216.4	40.5	23.2	9.2	3.1	18.7	28.7	12.9
Miscellaneous equipment rental and leasing .....	735	230.6	38.3	31.3	—	—	—	34.7	—
Personnel supply services .....	736	103.2	28.3	14.4	3.8	7.2	5.3	7.1	1.7
Computer and data processing services .....	737	25.5	3.7	1.9	1.0	.7	.9	4.8	.4
Miscellaneous business services .....	738	107.7	24.0	13.0	7.4	2.9	5.7	18.2	3.5
Auto repair, services, and parking .....	75	234.5	74.9	48.4	13.2	5.9	14.0	23.6	15.5
Automotive rentals, no drivers .....	751	177.4	37.9	17.6	10.8	6.4	10.8	25.7	4.9
Automobile parking .....	752	126.3	10.6	—	—	—	—	25.7	—
Automotive repair shops .....	753	161.8	59.5	31.3	14.1	5.2	7.3	12.3	2.2
Miscellaneous repair services .....	76	184.4	62.8	33.0	15.2	7.5	12.0	13.8	2.8
Electrical repair shops .....	762	162.4	48.5	20.8	17.8	4.8	11.1	9.3	1.8
Reupholstery and furniture repair .....	764	71.9	31.2	—	—	8.7	—	5.4	—
Miscellaneous repair shops .....	769	209.4	73.9	41.2	15.4	8.8	13.9	17.0	3.5
Motion pictures .....	78	55.0	7.9	3.1	—	1.7	6.2	9.3	3.2

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness,1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Nonstore retailers .....	45.7	26.6	11.3	6.1	3.3	—	—	—	—	20.5
Fuel dealers .....	57.8	23.9	—	26.1	9.4	8.6	—	—	—	21.8
Retail stores, n.e.c. ....	24.9	16.1	5.9	3.6	11.4	—	—	—	—	9.6
<b>Finance, insurance, and real estate</b> .....	11.5	7.3	5.8	2.1	3.7	.1	0.7	0.5	0.2	8.2
Depository institutions .....	8.7	7.0	5.6	1.3	2.2	—	.8	.8	.1	3.9
Central reserve depositories .....	19.2	12.3	14.8	—	—	—	—	—	—	6.3
Commercial banks .....	5.5	4.2	5.8	1.6	1.3	—	.3	.2	—	3.1
Savings institutions .....	—	—	—	—	—	—	—	—	—	—
Credit unions .....	22.5	16.6	—	—	—	—	6.4	6.4	—	8.9
Functions closely related to banking .....	—	—	2.2	1.6	7.7	—	—	—	—	—
Nondepository institutions .....	3.4	2.6	4.2	.9	3.6	—	—	—	.2	5.5
Business credit institutions .....	—	1.4	6.8	1.5	—	—	—	—	—	2.9
Mortgage bankers and brokers .....	—	—	—	—	—	—	—	—	—	9.0
Security and commodity brokers .....	5.6	4.5	2.1	—	—	—	—	—	—	5.6
Insurance carriers .....	6.4	4.7	11.7	1.9	5.8	—	.5	.4	—	9.4
Life insurance .....	5.6	3.6	10.5	.8	12.2	—	—	—	—	7.5
Medical service and health insurance .....	7.9	5.8	14.8	2.0	2.1	—	.6	.6	—	8.0
Fire, marine, and casualty insurance .....	6.5	4.7	13.1	1.4	4.6	—	.6	.6	—	8.5
Pension, health, and welfare funds .....	—	—	—	—	—	—	—	—	—	—
Insurance agents, brokers, and service .....	4.7	4.4	4.6	—	2.3	—	—	—	—	3.8
Real estate .....	33.3	17.0	3.5	6.4	6.9	—	1.5	.9	.6	18.4
Real estate operators and lessors .....	44.5	23.8	5.6	7.2	10.3	—	3.1	1.9	—	27.4
Real estate agents and managers .....	26.0	12.1	2.0	6.5	5.1	—	—	—	—	11.1
Subdividers and developers .....	38.3	21.7	—	4.2	5.0	—	—	—	—	28.5
Holding and other investment offices .....	—	—	—	—	—	—	—	—	—	7.0
<b>Services</b> .....	47.3	25.7	5.0	7.1	6.6	.2	5.0	4.4	.6	15.4
Hotels and other lodging places .....	50.8	32.8	6.0	15.0	3.2	.4	2.7	2.1	.6	19.9
Hotels and motels .....	51.7	33.5	6.2	15.3	3.2	.4	2.8	2.1	.7	20.3
Personal services .....	33.2	17.9	6.4	5.5	2.7	—	1.1	.9	.1	10.0
Laundry, cleaning, and garment services .....	56.6	31.2	10.5	10.7	6.1	—	.8	.5	.3	18.1
Photographic studios, portrait .....	25.5	8.4	—	—	—	—	—	—	—	22.7
Beauty shops .....	—	—	4.8	—	—	—	—	—	—	—
Funeral service and crematories .....	17.9	—	—	—	—	—	—	—	—	—
Miscellaneous personal services .....	61.2	32.8	—	—	—	—	—	—	—	—
Business services .....	22.6	14.0	4.2	4.6	7.6	—	2.3	1.0	1.3	11.4
Credit reporting and collection .....	5.7	—	—	—	—	—	—	—	—	—
Mailing, reproduction, stenographic .....	13.8	9.5	5.7	—	11.6	—	—	—	—	3.6
Services to buildings .....	59.1	25.7	4.1	11.7	6.9	—	8.4	—	8.1	24.8
Miscellaneous equipment rental and leasing .....	58.0	39.8	—	—	43.3	—	—	—	—	38.6
Personnel supply services .....	33.7	25.5	2.2	4.1	6.2	—	—	—	—	13.8
Computer and data processing services .....	7.8	6.1	4.0	.4	.6	—	—	—	—	3.0
Miscellaneous business services .....	17.0	10.8	5.2	7.7	10.5	—	4.1	3.2	.9	11.9
Auto repair, services, and parking .....	47.0	25.7	3.2	11.0	20.4	—	2.3	2.2	—	21.9
Automotive rentals, no drivers .....	43.7	29.2	2.1	7.8	21.7	—	5.1	5.0	—	17.1
Automobile parking .....	16.6	—	—	—	25.6	—	13.4	13.4	—	20.1
Automotive repair shops .....	35.4	19.2	4.0	11.8	8.1	—	—	—	—	20.0
Miscellaneous repair services .....	43.9	23.0	5.1	11.6	7.6	1.9	.8	—	—	22.1
Electrical repair shops .....	36.4	18.1	4.4	6.9	14.1	—	—	—	—	27.3
Reupholstery and furniture repair .....	—	—	—	—	—	—	—	—	—	20.5
Miscellaneous repair shops .....	51.2	27.6	5.8	15.2	5.6	2.0	—	—	.7	20.2
Motion pictures .....	13.3	6.1	—	—	—	—	1.9	1.9	—	10.5

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness,1999 — Continued

Industry <sup>3</sup>	SIC code <sup>4</sup>	Total cases	Event or exposure leading to injury or illness <sup>5</sup>						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Amusement and recreation services .....	79	169.1	45.9	22.1	17.3	4.3	7.0	25.4	7.0
Producers, orchestras, entertainers .....	792	95.2	23.2	13.4	6.9	2.3	12.0	8.7	2.2
Bowling centers .....	793	81.3	—	—	—	—	—	28.3	—
Commercial sports .....	794	269.6	76.0	52.9	13.5	6.8	6.4	32.0	8.0
Miscellaneous amusement, recreation services .....	799	173.5	48.0	21.2	20.0	4.5	6.7	26.8	7.8
Health services .....	80	217.4	27.1	13.7	9.4	2.9	4.7	29.9	6.1
Offices and clinics of medical doctors ....	801	50.3	6.4	4.0	2.0	—	1.3	7.9	2.8
Offices and clinics of dentists .....	802	26.5	—	—	—	—	—	—	—
Offices of other health practitioners .....	804	44.6	—	—	—	—	—	4.6	—
Nursing and personal care facilities .....	805	448.7	56.4	30.0	19.8	4.9	3.7	67.6	10.3
Hospitals .....	806	251.4	33.2	15.4	11.7	4.7	6.1	31.1	7.9
Medical and dental laboratories .....	807	124.1	26.6	20.4	5.1	—	6.0	13.8	1.1
Home health care services .....	808	280.5	19.4	8.2	6.6	1.9	17.3	41.7	6.3
Health and allied services, n.e.c. ....	809	143.7	18.2	10.7	6.4	—	7.2	24.9	3.7
Legal services .....	81	34.4	4.2	1.1	1.4	—	2.3	7.6	2.6
Educational services .....	82	83.1	17.4	9.2	4.9	1.3	7.0	15.0	3.2
Elementary and secondary schools .....	821	80.7	19.8	9.4	5.5	1.3	4.9	15.2	2.3
Colleges and universities .....	822	92.8	18.8	10.4	5.2	1.7	9.0	15.5	3.7
Social services .....	83	191.0	38.2	17.7	11.8	6.1	12.5	29.0	6.6
Individual and family services .....	832	152.0	30.3	15.5	13.3	—	8.5	25.4	4.4
Job training and related services .....	833	316.7	105.1	67.2	16.6	5.1	26.3	44.1	6.3
Child day care services .....	835	79.1	13.4	6.9	5.4	—	4.5	23.3	4.4
Social services, n.e.c. ....	839	133.1	13.6	7.9	—	—	10.7	19.3	—
Museums, botanical, zoological gardens ...	84	166.5	30.0	18.0	7.4	1.5	13.5	34.2	3.6
Museums and art galleries .....	841	142.2	24.6	14.5	5.5	1.2	14.6	37.0	4.4
Botanical and zoological gardens .....	842	229.0	43.9	26.8	12.5	—	10.5	26.8	—
Membership organizations .....	86	86.1	13.7	7.7	4.8	.6	7.5	15.8	2.8
Business associations .....	861	32.5	9.3	6.8	—	—	—	—	—
Professional organizations .....	862	36.9	—	—	—	—	—	8.2	—
Labor organizations .....	863	43.2	—	—	—	—	—	—	—
Civic and social associations .....	864	119.8	22.3	11.6	8.7	1.1	6.9	22.8	5.5
Religious organizations .....	866	49.0	6.8	—	—	—	—	12.9	—
Membership organizations, n.e.c. ....	869	171.2	—	—	—	—	40.9	—	—
Engineering and management services ....	87	48.3	9.7	6.2	2.1	.7	3.3	8.0	1.4
Engineering and architectural services ..	871	44.2	11.8	7.3	2.5	—	2.3	6.9	1.8
Accounting, auditing, and bookkeeping ..	872	20.8	1.8	1.3	—	—	2.7	1.6	—
Research and testing services .....	873	62.0	13.1	7.3	3.6	1.0	5.3	7.4	1.1
Management and public relations .....	874	61.9	10.7	7.7	1.9	1.0	3.6	13.5	2.0

See footnotes at end of table.

TABLE R8. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, 1999 — Continued

Industry <sup>3</sup>	Event or exposure leading to injury or illness <sup>5</sup>									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events <sup>6</sup>
	Total	In lifting					Total	By person	All other assaults	
Amusement and recreation services .....	33.0	19.2	4.9	11.0	5.1	0.3	1.9	0.9	0.9	27.7
Producers, orchestras, entertainers .....	15.7	7.8	4.6	1.5	2.5	—	—	—	—	24.6
Bowling centers .....	16.9	—	—	—	—	—	—	—	—	17.6
Commercial sports .....	43.7	16.2	5.2	12.5	4.4	—	10.8	3.8	6.9	70.3
Miscellaneous amusement, recreation services .....	35.2	21.8	5.2	12.7	5.9	—	1.0	.5	.4	24.1
Health services .....	96.3	49.6	6.8	10.0	5.1	.2	9.4	9.0	.4	21.9
Offices and clinics of medical doctors ....	10.8	4.8	7.0	1.6	.9	—	1.3	1.0	.3	10.3
Offices and clinics of dentists .....	—	—	—	—	—	—	—	—	—	—
Offices of other health practitioners .....	19.5	9.7	5.8	—	—	—	—	—	—	8.8
Nursing and personal care facilities .....	219.2	120.5	6.6	18.6	1.3	—	27.0	26.5	—	37.6
Hospitals .....	115.6	56.4	7.4	12.4	2.7	.3	8.3	8.1	.2	26.5
Medical and dental laboratories .....	16.6	8.6	8.4	6.2	35.8	—	4.6	4.6	—	5.0
Home health care services .....	111.2	58.3	3.4	7.5	42.5	—	7.0	4.9	2.1	24.2
Health and allied services, n.e.c. ....	40.5	19.7	4.8	7.1	12.4	—	13.7	13.4	—	11.1
Legal services .....	4.9	3.0	5.1	2.7	—	—	—	—	—	4.2
Educational services .....	20.0	10.3	2.6	3.6	3.4	.1	2.9	2.7	.1	8.1
Elementary and secondary schools .....	15.5	7.3	—	2.8	1.9	—	8.3	8.2	—	9.2
Colleges and universities .....	24.6	12.6	3.6	4.4	3.3	.2	.4	.3	.1	9.3
Social services .....	46.9	25.2	5.4	6.5	15.9	—	14.4	14.2	—	15.6
Individual and family services .....	34.5	17.8	9.6	4.6	14.1	—	6.1	5.9	—	14.3
Job training and related services .....	73.1	43.4	4.2	6.9	14.7	—	18.8	18.7	—	17.3
Child day care services .....	16.3	11.7	—	1.7	—	—	—	—	—	14.0
Social services, n.e.c. ....	25.4	18.0	6.8	—	34.4	—	—	—	—	15.3
Museums, botanical, zoological gardens ...	34.5	23.8	5.1	10.6	2.3	.8	4.2	—	3.7	27.8
Museums and art galleries .....	24.2	18.2	3.1	6.5	—	—	1.8	—	1.5	25.2
Botanical and zoological gardens .....	61.1	38.1	10.1	21.4	5.8	2.9	10.3	—	9.2	34.5
Membership organizations .....	13.6	10.0	2.5	5.7	8.0	—	2.8	.7	2.1	13.8
Business associations .....	—	—	—	—	7.6	—	—	—	—	—
Professional organizations .....	6.8	—	3.2	3.4	—	—	—	—	—	9.0
Labor organizations .....	—	—	—	—	—	—	—	—	—	—
Civic and social associations .....	19.6	14.3	3.0	8.0	11.7	—	2.1	1.1	1.0	17.8
Religious organizations .....	13.3	9.5	—	—	—	—	—	—	—	7.4
Membership organizations, n.e.c. ....	—	—	—	—	—	—	—	—	—	29.7
Engineering and management services .....	10.7	6.7	3.4	2.1	4.6	—	.6	.3	.2	4.5
Engineering and architectural services ..	9.7	6.8	2.0	2.0	4.6	—	.6	—	.6	2.6
Accounting, auditing, and bookkeeping ..	6.1	2.9	3.5	1.8	1.6	—	—	—	—	1.7
Research and testing services .....	13.9	7.7	4.5	3.3	5.5	—	—	—	—	7.6
Management and public relations .....	12.9	8.4	4.2	1.7	6.1	—	1.1	1.0	—	6.2

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

- N = number of injuries and illnesses
- EH = total hours worked by all employees during the calendar year
- 20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

<sup>2</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>3</sup> Totals include data for industries not shown separately.

<sup>4</sup> Standard Industrial Classification Manual, 1987 Edition.

<sup>5</sup> Data shown in columns correspond to the following Event codes: Contact with objects, Total = 00-09; Struck by object = 020-029; Struck against object = 010-019; Caught in or compressed or crushed = 030-049; Fall to lower level = 110-119; Fall on same level = 130-139; Slips or trips without fall = 215; Overexertion, Total = 220-229; In lifting = 221; Repetitive motion = 230-239; Exposure to harmful substance or environment = 30-39; Transportation

accidents = 40-49; Fires and explosions = 50-52; Assaults and violent acts, Total = 60-63; By person = 61; All other assaults = 60, 62, and 63; All other events = all remaining codes, including 9999 (Nonclassifiable). These codes are based on the 1992 Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

<sup>6</sup> Includes nonclassifiable responses.

<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 by the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal industries.

NOTE: Dashes indicate data that are not available. Because of rounding, data may not sum to totals.  
n.e.c. = not elsewhere classified.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor