

**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993**

Event	Event code <sup>3</sup>	Total cases	Source of injury or illness				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Private industry [2,252,591 cases] .....		285.6	5.5	41.9	11.3	19.5	31.6
<b>Contact with objects and equipment</b> .....	0	77.9	0.1	9.5	4.9	12.9	15.8
Contact with objects and equipment, unspecified .....	00	1.1	—	0.1	—	0.2	0.2
Struck against object .....	01	20.5	—	2.1	2.3	3.8	4.6
Struck against object, unspecified .....	010	1.0	—	0.1	—	0.2	0.2
Stepped on object .....	011	2.1	—	0.2	—	—	1.2
Struck against stationary object .....	012	12.2	—	1.3	2.0	1.9	2.3
Struck against moving object .....	013	2.6	—	0.2	—	1.1	0.2
Struck against object, n.e.c. ....	019	2.6	—	0.4	0.2	0.5	0.6
Struck by object .....	02	37.3	0.1	6.2	2.1	2.7	9.1
Struck by object, unspecified .....	020	1.5	—	0.1	—	0.2	0.4
Struck by falling object .....	021	14.3	0.1	4.2	1.5	0.8	4.6
Struck by flying object .....	022	3.6	—	0.2	—	0.1	1.3
Struck by flying object, unspecified .....	0220	0.3	—	—	—	—	0.1
Struck by dislodged flying object, particle .....	0221	1.7	—	—	—	—	0.5
Struck by discharged object or substance .....	0222	0.8	—	—	—	—	0.5
Struck by flying object, n.e.c. ....	0229	0.8	—	0.1	—	—	0.2
Struck by swinging or slipping object .....	023	11.3	—	0.8	0.2	0.6	1.5
Struck by swinging or slipping object, unspecified .....	0230	0.2	—	—	—	—	0.1
Struck by or slammed in swinging door or gate .....	0231	1.8	—	—	—	0.2	—
Struck by slipping handheld object .....	0232	7.6	—	0.6	0.1	0.2	1.0
Struck by swinging or slipping object, n.e.c. ....	0239	1.7	—	0.2	0.1	0.2	0.5
Struck by rolling, sliding objects on floor or ground level .....	024	1.1	—	0.2	0.1	0.3	0.1
Struck by object, n.e.c. ....	029	5.6	—	0.7	0.2	0.7	1.3
Caught in or compressed by equipment or objects .....	03	12.4	—	1.0	0.5	6.0	1.7
Caught in or compressed by equipment or objects, unspecified .....	030	1.0	—	0.1	—	0.4	0.2
Caught in running equipment or machinery .....	031	4.4	—	—	—	3.8	0.2
Compressed or pinched by rolling, sliding, or shifting objects .....	032	2.0	—	0.3	0.1	0.5	0.4
Caught in or compressed by equipment or objects, n.e.c. ....	039	5.1	—	0.6	0.4	1.3	1.0
Caught in or crushed in collapsing materials .....	04	0.1	—	—	—	—	—
Caught in or crushed in collapsing materials, unspecified .....	040	—	—	—	—	—	—
Excavation or trenching cave-in .....	041	—	—	—	—	—	—
Caught in or crushed in collapsing structure .....	044	—	—	—	—	—	—
Caught in or crushed in collapsing materials, n.e.c. ....	049	—	—	—	—	—	—
Rubbed or abraded by friction or pressure .....	05	5.4	—	—	—	—	0.1
Rubbed or abraded by friction or pressure, unspecified .....	050	—	—	—	—	—	—
Rubbed or abraded by kneeling on surface .....	051	0.1	—	—	—	—	—
Rubbed or abraded by objects being handled .....	052	0.1	—	—	—	—	—
Rubbed or abraded by foreign matter in eye .....	053	5.0	—	—	—	—	0.1
Rubbed or abraded by friction or pressure, n.e.c. ....	059	0.1	—	—	—	—	—
Rubbed, abraded, or jarred by vibration .....	06	0.5	—	—	—	0.1	—
Rubbed, abraded, or jarred by vibration, unspecified .....	060	—	—	—	—	—	—
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration .....	061	0.3	—	—	—	—	—
Rubbed, abraded, or jarred by other machine or equipment vibration .....	062	0.1	—	—	—	0.1	—
Rubbed, abraded, or jarred by vibration, n.e.c. ....	069	—	—	—	—	—	—
Contact with objects and equipment, n.e.c. ....	09	0.6	—	0.1	—	0.1	0.1
<b>Falls</b> .....	1	46.9	—	0.9	0.9	0.6	0.8
Fall, unspecified .....	10	0.4	—	—	—	—	—
Fall to lower level .....	11	14.1	—	0.1	0.1	0.1	0.1
Fall to lower level, unspecified .....	110	0.2	—	—	—	—	—

See footnotes at end of table.

**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993 — Continued**

Event	Source of injury or illness					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources <sup>4</sup>
Private industry [2,252,591 cases] .....	42.1	43.1	13.4	20.0	12.6	44.7
<b>Contact with objects and equipment</b> .....	—	1.0	9.4	6.0	0.4	17.9
Contact with objects and equipment, unspecified .....	—	—	0.2	—	—	0.4
Struck against object .....	—	0.5	1.3	2.2	—	3.7
Struck against object, unspecified .....	—	—	0.1	0.1	—	0.2
Stepped on object .....	—	0.2	—	—	—	0.4
Struck against stationary object .....	—	0.2	0.5	1.6	—	2.4
Struck against moving object .....	—	—	0.5	0.3	—	0.2
Struck against object, n.e.c. ....	—	0.1	0.2	0.2	—	0.5
Struck by object .....	—	0.1	7.1	2.0	0.3	7.5
Struck by object, unspecified .....	—	—	0.2	0.1	—	0.5
Struck by falling object .....	—	0.1	0.4	0.4	0.1	2.2
Struck by flying object .....	—	—	0.2	—	—	1.7
Struck by flying object, unspecified .....	—	—	—	—	—	0.2
Struck by dislodged flying object, particle .....	—	—	—	—	—	1.0
Struck by discharged object or substance .....	—	—	0.1	—	—	0.1
Struck by flying object, n.e.c. ....	—	—	—	—	—	0.4
Struck by swinging or slipping object .....	—	—	5.6	0.5	—	1.9
Struck by swinging or slipping object, unspecified .....	—	—	0.1	—	—	—
Struck by or slammed in swinging door or gate .....	—	—	—	0.4	—	1.2
Struck by slipping handheld object .....	—	—	5.2	—	—	0.4
Struck by swinging or slipping object, n.e.c. ....	—	—	0.3	0.1	—	0.2
Struck by rolling, sliding objects on floor or ground level .....	—	—	—	0.3	—	0.1
Struck by object, n.e.c. ....	—	—	0.7	0.7	0.2	1.1
Caught in or compressed by equipment or objects .....	—	0.1	0.6	1.4	—	1.1
Caught in or compressed by equipment or objects, unspecified .....	—	—	—	0.1	—	0.2
Caught in running equipment or machinery .....	—	—	0.2	0.1	—	—
Compressed or pinched by rolling, sliding, or shifting objects .....	—	—	0.1	0.5	—	0.2
Caught in or compressed by equipment or objects, n.e.c. ....	—	0.1	0.2	0.7	—	0.7
Caught in or crushed in collapsing materials .....	—	—	—	—	—	—
Caught in or crushed in collapsing materials, unspecified .....	—	—	—	—	—	—
Excavation or trenching cave-in .....	—	—	—	—	—	—
Caught in or crushed in collapsing structure .....	—	—	—	—	—	—
Caught in or crushed in collapsing materials, n.e.c. ....	—	—	—	—	—	—
Rubbed or abraded by friction or pressure .....	—	0.1	—	—	—	5.0
Rubbed or abraded by friction or pressure, unspecified .....	—	—	—	—	—	—
Rubbed or abraded by kneeling on surface .....	—	0.1	—	—	—	—
Rubbed or abraded by objects being handled .....	—	—	—	—	—	—
Rubbed or abraded by foreign matter in eye .....	—	—	—	—	—	4.9
Rubbed or abraded by friction or pressure, n.e.c. ....	—	—	—	—	—	—
Rubbed, abraded, or jarred by vibration .....	—	—	0.1	0.3	—	—
Rubbed, abraded, or jarred by vibration, unspecified .....	—	—	—	—	—	—
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration .....	—	—	—	0.2	—	—
Rubbed, abraded, or jarred by other machine or equipment vibration .....	—	—	0.1	—	—	—
Rubbed, abraded, or jarred by vibration, n.e.c. ....	—	—	—	—	—	—
Contact with objects and equipment, n.e.c. ....	—	—	0.1	—	—	0.1
<b>Falls</b> .....	—	40.3	0.1	1.2	—	2.0
Fall, unspecified .....	—	0.2	—	—	—	0.1
Fall to lower level .....	—	12.4	—	0.4	—	0.8
Fall to lower level, unspecified .....	—	0.2	—	—	—	—

See footnotes at end of table.

**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993 — Continued**

Event	Event code <sup>3</sup>	Total cases	Source of injury or illness				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Fall down stairs or steps .....	111	3.5	-	-	-	-	-
Fall from floor, dock, or ground level .....	112	0.8	-	-	-	-	-
Fall from floor, dock, or ground level, unspecified .....	1120	0.1	-	-	-	-	-
Fall through existing floor opening .....	1121	0.2	-	-	-	-	-
Fall through floor surface .....	1122	0.1	-	-	-	-	-
Fall from loading dock .....	1123	0.2	-	-	-	-	-
Fall from ground level to lower level .....	1124	0.2	-	-	-	-	-
Fall from floor, dock, or ground level, n.e.c. ....	1129	0.1	-	-	-	-	-
Fall from ladder .....	113	3.5	-	-	-	-	-
Fall from piled or stacked material .....	114	0.2	-	-	-	-	-
Fall from roof .....	115	0.5	-	-	-	-	-
Fall from roof, unspecified .....	1150	0.1	-	-	-	-	-
Fall through existing roof opening .....	1151	-	-	-	-	-	-
Fall through roof surface .....	1152	-	-	-	-	-	-
Fall through skylight .....	1153	-	-	-	-	-	-
Fall from roof edge .....	1154	0.2	-	-	-	-	-
Fall from roof, n.e.c. ....	1159	-	-	-	-	-	-
Fall from scaffold, staging .....	116	0.7	-	-	-	-	-
Fall from building girders or other structural steel .....	117	0.1	-	-	-	-	-
Fall from nonmoving vehicle .....	118	2.4	-	-	-	-	-
Fall to lower level, n.e.c. ....	119	2.3	-	-	-	-	-
Jump to lower level .....	12	1.2	-	-	-	-	-
Jump to lower level, unspecified .....	120	0.1	-	-	-	-	-
Jump from scaffold, platform, loading dock .....	121	0.1	-	-	-	-	-
Jump from structure, structural element, n.e.c. ....	122	0.1	-	-	-	-	-
Jump from nonmoving vehicle .....	123	0.5	-	-	-	-	-
Jump to lower level, n.e.c. ....	129	0.4	-	-	-	-	-
Fall on same level .....	13	31.0	-	0.7	0.8	0.5	0.6
Fall on same level, unspecified .....	130	0.3	-	-	-	-	-
Fall to floor, walkway, or other surface .....	131	26.0	-	-	-	-	-
Fall onto or against objects .....	132	4.3	-	0.7	0.8	0.5	0.6
Fall on same level, n.e.c. ....	139	0.4	-	-	-	-	-
Fall, n.e.c. ....	19	0.3	-	-	-	-	-
<b>Bodily reaction and exertion .....</b>	<b>2</b>	<b>127.9</b>	<b>-</b>	<b>31.2</b>	<b>5.3</b>	<b>4.9</b>	<b>13.8</b>
Bodily reaction and exertion, unspecified .....	20	1.2	-	-	-	-	-
Bodily reaction .....	21	32.3	-	0.4	0.2	0.1	0.3
Bodily reaction, unspecified .....	210	1.3	-	-	-	-	-
Bending, climbing, crawling, reaching, twisting .....	211	11.6	-	0.2	0.1	-	0.1
Sudden reaction when surprised, frightened, startled .....	212	0.2	-	-	-	-	-
Running—without other incident .....	213	0.2	-	-	-	-	-
Sitting .....	214	0.2	-	-	-	-	-
Slip, trip, loss of balance—without fall .....	215	10.5	-	0.2	0.1	-	0.1
Standing .....	216	0.3	-	-	-	-	-
Walking—without other incident .....	217	1.3	-	-	-	-	-
Bodily reaction, n.e.c. ....	219	6.7	-	0.1	-	-	0.1
Overexertion .....	22	80.6	-	30.7	5.1	4.8	13.4
Overexertion, unspecified .....	220	5.7	-	1.4	0.4	0.5	1.0
Overexertion in lifting .....	221	48.2	-	22.8	2.8	2.1	8.1
Overexertion in pulling or pushing objects .....	222	12.4	-	2.9	0.9	1.1	2.2
Overexertion in holding, carrying, turning, or welding objects .....	223	9.2	-	2.5	0.6	0.6	1.5
Overexertion in throwing objects .....	224	0.3	-	0.1	-	-	0.1
Overexertion, n.e.c. ....	229	4.8	-	1.0	0.3	0.4	0.6
Repetitive motion .....	23	12.0	-	-	-	-	-
Repetitive motion, unspecified .....	230	2.8	-	-	-	-	-
Typing or keyentry .....	231	1.7	-	-	-	-	-
Repetitive use of tools .....	232	1.6	-	-	-	-	-
Repetitive placing, grasping, or moving objects, except tools .....	233	3.9	-	-	-	-	-
Repetitive motion, n.e.c. ....	239	1.9	-	-	-	-	-
Sustained viewing .....	24	-	-	-	-	-	-
Bodily conditions, n.e.c. ....	25	1.0	-	-	-	-	-

See footnotes at end of table.

**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993 — Continued**

Event	Source of injury or illness					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources <sup>4</sup>
Fall down stairs or steps .....	—	3.4	—	—	—	—
Fall from floor, dock, or ground level .....	—	0.7	—	—	—	—
Fall from floor, dock, or ground level, unspecified .....	—	0.1	—	—	—	—
Fall through existing floor opening .....	—	0.1	—	—	—	—
Fall through floor surface .....	—	0.1	—	—	—	—
Fall from loading dock .....	—	0.2	—	—	—	—
Fall from ground level to lower level .....	—	0.2	—	—	—	—
Fall from floor, dock, or ground level, n.e.c. ....	—	0.1	—	—	—	—
Fall from ladder .....	—	2.8	—	—	—	0.5
Fall from piled or stacked material .....	—	0.1	—	—	—	—
Fall from roof .....	—	0.4	—	—	—	—
Fall from roof, unspecified .....	—	0.1	—	—	—	—
Fall through existing roof opening .....	—	—	—	—	—	—
Fall through roof surface .....	—	—	—	—	—	—
Fall through skylight .....	—	—	—	—	—	—
Fall from roof edge .....	—	0.2	—	—	—	—
Fall from roof, n.e.c. ....	—	—	—	—	—	—
Fall from scaffold, staging .....	—	0.6	—	—	—	—
Fall from building girders or other structural steel .....	—	0.1	—	—	—	—
Fall from nonmoving vehicle .....	—	2.1	—	0.2	—	—
Fall to lower level, n.e.c. ....	—	2.0	—	0.1	—	0.1
Jump to lower level .....	—	1.0	—	0.1	—	—
Jump to lower level, unspecified .....	—	—	—	—	—	—
Jump from scaffold, platform, loading dock .....	—	0.1	—	—	—	—
Jump from structure, structural element, n.e.c. ....	—	0.1	—	—	—	—
Jump from nonmoving vehicle .....	—	0.4	—	—	—	—
Jump to lower level, n.e.c. ....	—	0.3	—	—	—	—
Fall on same level .....	—	26.5	0.1	0.8	—	1.0
Fall on same level, unspecified .....	—	0.2	—	—	—	0.1
Fall to floor, walkway, or other surface .....	—	25.9	—	—	—	—
Fall onto or against objects .....	—	—	0.1	0.7	—	0.8
Fall on same level, n.e.c. ....	—	0.2	—	—	—	—
Fall, n.e.c. ....	—	0.2	—	—	—	—
<b>Bodily reaction and exertion .....</b>	<b>42.1</b>	<b>1.7</b>	<b>3.1</b>	<b>3.8</b>	<b>10.9</b>	<b>11.1</b>
Bodily reaction and exertion, unspecified .....	0.9	—	—	—	—	0.2
Bodily reaction .....	28.6	1.5	0.1	0.2	0.2	0.7
Bodily reaction, unspecified .....	1.1	—	—	—	—	—
Bending, climbing, crawling, reaching, twisting .....	10.8	—	—	—	—	0.2
Sudden reaction when surprised, frightened, startled .....	0.2	—	—	—	—	—
Running—without other incident .....	0.2	—	—	—	—	—
Sitting .....	0.2	—	—	—	—	—
Slip, trip, loss of balance—without fall .....	8.8	1.0	—	0.1	—	0.2
Standing .....	0.3	—	—	—	—	—
Walking—without other incident .....	1.1	0.1	—	—	—	—
Bodily reaction, n.e.c. ....	5.8	0.2	—	0.1	0.1	0.2
Overexertion .....	—	0.2	3.0	3.6	10.7	9.2
Overexertion, unspecified .....	—	—	0.3	0.2	0.8	1.0
Overexertion in lifting .....	—	0.1	0.5	0.6	6.4	4.9
Overexertion in pulling or pushing objects .....	—	—	0.7	2.3	0.8	1.5
Overexertion in holding, carrying, turning, or wielding objects .....	—	—	1.1	0.2	1.8	1.0
Overexertion in throwing objects .....	—	—	—	—	—	0.1
Overexertion, n.e.c. ....	—	0.1	0.4	0.3	0.9	0.7
Repetitive motion .....	12.0	—	—	—	—	—
Repetitive motion, unspecified .....	2.8	—	—	—	—	—
Typing or keyentry .....	1.7	—	—	—	—	—
Repetitive use of tools .....	1.6	—	—	—	—	—
Repetitive placing, grasping, or moving objects, except tools .....	3.9	—	—	—	—	—
Repetitive motion, n.e.c. ....	1.9	—	—	—	—	—
Sustained viewing .....	—	—	—	—	—	—
Bodily conditions, n.e.c. ....	—	—	—	—	—	1.0

See footnotes at end of table.

**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993 — Continued**

Event	Event code <sup>3</sup>	Total cases	Source of injury or illness				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Bodily reaction and exertion, n.e.c. ....	29	0.8	-	-	-	-	-
<b>Exposure to harmful substances or environments</b> .....	3	14.1	5.2	0.2	0.1	0.8	1.1
Exposure to harmful substances or environments, unspecified .....	30	-	-	-	-	-	-
Contact with electric current .....	31	0.6	-	-	-	0.2	0.4
Contact with electric current, unspecified .....	310	0.1	-	-	-	-	-
Contact with electric current of machine, tool, appliance, or light fixture .....	311	0.3	-	-	-	0.2	0.1
Contact with wiring, transformers, or other electrical components .....	312	0.2	-	-	-	-	0.2
Contact with overhead power lines .....	313	-	-	-	-	-	-
Contact with underground, buried power lines ..	314	-	-	-	-	-	-
Struck by lightning .....	315	-	-	-	-	-	-
Contact with electric current, n.e.c. ....	319	0.1	-	-	-	-	-
Contact with temperature extremes .....	32	5.2	0.3	0.2	-	0.5	0.6
Contact with temperature extremes, unspecified .....	320	-	-	-	-	-	-
Exposure to environmental heat .....	321	0.4	-	-	-	-	-
Exposure to environmental cold .....	322	-	-	-	-	-	-
Contact with hot objects or substances .....	323	4.7	0.3	0.2	-	0.5	0.6
Contact with cold objects or substances .....	324	-	-	-	-	-	-
Exposure to air pressure changes .....	33	0.1	-	-	-	-	-
Pressure changes in airplane, other aircraft .....	332	0.1	-	-	-	-	-
Exposure to air pressure change, n.e.c. ....	339	-	-	-	-	-	-
Exposure to caustic, noxious, or allergenic substances .....	34	7.1	4.9	-	-	-	0.1
Exposure to caustic, noxious, or allergenic substances, unspecified .....	340	0.8	0.4	-	-	-	-
Inhalation of substance .....	341	1.6	1.4	-	-	-	-
Inhalation of substance, unspecified .....	3410	0.9	0.8	-	-	-	-
Inhalation in enclosed, restricted, or confined space .....	3411	0.2	0.2	-	-	-	-
Inhalation in open or nonconfined space .....	3412	0.5	0.4	-	-	-	-
Contact with skin or other exposed tissue .....	342	3.3	2.6	-	-	-	-
Injections, stings, venomous bites .....	343	0.6	-	-	-	-	-
Injections, stings, venomous bites, unspecified .....	3430	0.1	-	-	-	-	-
Needle sticks .....	3431	-	-	-	-	-	-
Bee, wasp, hornet sting .....	3432	0.4	-	-	-	-	-
Other stings or venomous bites .....	3433	0.1	-	-	-	-	-
Injections, stings, venomous bites, n.e.c. ....	3439	0.1	-	-	-	-	-
Ingestion of substance .....	344	0.2	0.1	-	-	-	-
Exposure to caustic, noxious, or allergenic substances, n.e.c. ....	349	0.6	0.4	-	-	-	-
Exposure to noise .....	35	-	-	-	-	-	-
Exposure to noise, unspecified .....	350	-	-	-	-	-	-
Exposure to noise over time .....	351	-	-	-	-	-	-
Exposure to noise in single incident .....	352	-	-	-	-	-	-
Exposure to radiation .....	36	0.8	-	-	-	0.1	-
Exposure to sun .....	361	-	-	-	-	-	-
Exposure to welding light .....	362	0.7	-	-	-	0.1	-
Exposure to radioactive material .....	363	-	-	-	-	-	-
Exposure to radiation, n.e.c. ....	369	-	-	-	-	-	-
Exposure to traumatic or stressful event, n.e.c. ....	37	0.2	-	-	-	-	-
Oxygen deficiency, n.e.c. ....	38	-	-	-	-	-	-
Drowning, submersion .....	381	-	-	-	-	-	-
Choking on object or substance .....	382	-	-	-	-	-	-
Exposure to harmful substances or environments, n.e.c. ....	39	-	-	-	-	-	-
<b>Transportation incidents</b> .....	4	9.0	-	-	-	0.2	-
Transportation incident, unspecified .....	40	0.5	-	-	-	-	-
Highway incident .....	41	5.5	-	-	-	-	-
Highway incident, unspecified .....	410	0.4	-	-	-	-	-
Collision between vehicles, mobile equipment ..	411	3.9	-	-	-	-	-
Collision between vehicles, mobile equipment, unspecified .....	4110	1.0	-	-	-	-	-

See footnotes at end of table.

**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993 — Continued**

Event	Source of injury or illness					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources <sup>4</sup>
Bodily reaction and exertion, n.e.c. ....	0.6	-	-	-	-	0.1
<b>Exposure to harmful substances or environments</b> .....	-	-	0.7	-	-	6.1
Exposure to harmful substances or environments, unspecified .....	-	-	-	-	-	-
Contact with electric current .....	-	-	-	-	-	-
Contact with electric current, unspecified .....	-	-	-	-	-	-
Contact with electric current of machine, tool, appliance, or light fixture .....	-	-	-	-	-	-
Contact with wiring, transformers, or other electrical components .....	-	-	-	-	-	-
Contact with overhead power lines .....	-	-	-	-	-	-
Contact with underground, buried power lines ..	-	-	-	-	-	-
Struck by lightning .....	-	-	-	-	-	-
Contact with electric current, n.e.c. ....	-	-	-	-	-	-
Contact with temperature extremes .....	-	-	0.1	-	-	3.4
Contact with temperature extremes, unspecified .....	-	-	-	-	-	-
Exposure to environmental heat .....	-	-	-	-	-	0.4
Exposure to environmental cold .....	-	-	-	-	-	-
Contact with hot objects or substances .....	-	-	0.1	-	-	3.0
Contact with cold objects or substances .....	-	-	-	-	-	-
Exposure to air pressure changes .....	-	-	-	-	-	0.1
Pressure changes in airplane, other aircraft .....	-	-	-	-	-	0.1
Exposure to air pressure change, n.e.c. ....	-	-	-	-	-	-
Exposure to caustic, noxious, or allergenic substances .....	-	-	-	-	-	2.1
Exposure to caustic, noxious, or allergenic substances, unspecified .....	-	-	-	-	-	0.4
Inhalation of substance .....	-	-	-	-	-	0.3
Inhalation of substance, unspecified .....	-	-	-	-	-	0.2
Inhalation in enclosed, restricted, or confined space .....	-	-	-	-	-	-
Inhalation in open or nonconfined space .....	-	-	-	-	-	0.1
Contact with skin or other exposed tissue .....	-	-	-	-	-	0.7
Injections, stings, venomous bites .....	-	-	-	-	-	0.6
Injections, stings, venomous bites, unspecified .....	-	-	-	-	-	-
Needle sticks .....	-	-	-	-	-	-
Bee, wasp, hornet sting .....	-	-	-	-	-	0.4
Other stings or venomous bites .....	-	-	-	-	-	0.1
Injections, stings, venomous bites, n.e.c. ....	-	-	-	-	-	-
Ingestion of substance .....	-	-	-	-	-	0.1
Exposure to caustic, noxious, or allergenic substances, n.e.c. ....	-	-	-	-	-	0.2
Exposure to noise .....	-	-	-	-	-	-
Exposure to noise, unspecified .....	-	-	-	-	-	-
Exposure to noise over time .....	-	-	-	-	-	-
Exposure to noise in single incident .....	-	-	-	-	-	-
Exposure to radiation .....	-	-	0.6	-	-	0.1
Exposure to sun .....	-	-	-	-	-	-
Exposure to welding light .....	-	-	0.6	-	-	-
Exposure to radioactive material .....	-	-	-	-	-	-
Exposure to radiation, n.e.c. ....	-	-	-	-	-	-
Exposure to traumatic or stressful event, n.e.c. ....	-	-	-	-	-	0.2
Oxygen deficiency, n.e.c. ....	-	-	-	-	-	-
Drowning, submersion .....	-	-	-	-	-	-
Choking on object or substance .....	-	-	-	-	-	-
Exposure to harmful substances or environments, n.e.c. ....	-	-	-	-	-	-
<b>Transportation incidents</b> .....	-	-	-	8.8	-	-
Transportation incident, unspecified .....	-	-	-	0.5	-	-
Highway incident .....	-	-	-	5.4	-	-
Highway incident, unspecified .....	-	-	-	0.4	-	-
Collision between vehicles, mobile equipment ..	-	-	-	3.8	-	-
Collision between vehicles, mobile equipment, unspecified .....	-	-	-	1.0	-	-

See footnotes at end of table.

**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993 — Continued**

Event	Event code <sup>3</sup>	Total cases	Source of injury or illness				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Re-entrant collision .....	4111	—	—	—	—	—	—
Moving in same direction .....	4112	1.0	—	—	—	—	—
Moving in opposite directions, oncoming .....	4113	0.2	—	—	—	—	—
Moving in intersection .....	4114	0.6	—	—	—	—	—
Moving and standing vehicle, mobile equipment—in roadway .....	4115	0.6	—	—	—	—	—
Moving and standing vehicle, mobile equipment—side of road .....	4116	0.1	—	—	—	—	—
Collision between vehicles, mobile equipment, n.e.c. ....	4119	0.3	—	—	—	—	—
Vehicle struck stationary object or equipment in roadway .....	412	—	—	—	—	—	—
Vehicle struck stationary object, equipment on side of road .....	413	0.2	—	—	—	—	—
Noncollision incident .....	414	0.9	—	—	—	—	—
Noncollision incident, unspecified .....	4140	—	—	—	—	—	—
Jack-knifed or overturned—no collision .....	4141	0.3	—	—	—	—	—
Ran off highway—no collision .....	4142	0.2	—	—	—	—	—
Struck by shifting load .....	4143	—	—	—	—	—	—
Sudden start or stop, n.e.c. ....	4144	0.1	—	—	—	—	—
Noncollision incident, n.e.c. ....	4149	0.2	—	—	—	—	—
Highway incident, n.e.c. ....	419	0.1	—	—	—	—	—
Nonhighway incident, except rail, air, water .....	42	1.5	—	—	—	0.1	—
Nonhighway incident, unspecified .....	420	—	—	—	—	—	—
Collision between vehicles or mobile equipment .....	421	0.3	—	—	—	—	—
Vehicle, mobile equipment struck stationary object .....	422	0.2	—	—	—	—	—
Noncollision incident .....	423	0.9	—	—	—	0.1	—
Noncollision incident, unspecified .....	4230	—	—	—	—	—	—
Fall from moving vehicle, mobile equipment .....	4231	0.2	—	—	—	—	—
Fall from and struck by vehicle, mobile equipment .....	4232	—	—	—	—	—	—
Overtaken .....	4233	0.2	—	—	—	—	—
Loss of control .....	4234	0.1	—	—	—	—	—
Struck by shifting load .....	4235	—	—	—	—	—	—
Sudden start or stop, n.e.c. ....	4236	0.2	—	—	—	—	—
Noncollision incident, n.e.c. ....	4239	0.2	—	—	—	—	—
Nonhighway incident, n.e.c. ....	429	0.1	—	—	—	—	—
Pedestrian, nonpassenger struck by vehicle, mobile equipment .....	43	1.4	—	—	—	0.1	—
Pedestrian struck by vehicle, mobile equipment, unspecified .....	430	0.2	—	—	—	—	—
Pedestrian struck by vehicle, mobile equipment in roadway .....	431	0.1	—	—	—	—	—
Pedestrian struck by vehicle, mobile equipment on side of road .....	432	0.1	—	—	—	—	—
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area .....	433	1.0	—	—	—	—	—
Railway incident .....	44	0.1	—	—	—	—	—
Railway incident, unspecified .....	440	—	—	—	—	—	—
Collision between railway vehicle and other vehicle .....	442	—	—	—	—	—	—
Derailment .....	445	—	—	—	—	—	—
Railway incident, n.e.c. ....	449	—	—	—	—	—	—
Water vehicle incident .....	45	—	—	—	—	—	—
Water vehicle incident, unspecified .....	450	—	—	—	—	—	—
Fall on ship, boat .....	454	—	—	—	—	—	—
Water vehicle incident, n.e.c. ....	459	—	—	—	—	—	—
Aircraft incident .....	46	0.1	—	—	—	—	—
Aircraft incident, unspecified .....	460	—	—	—	—	—	—
During takeoff or landing .....	461	—	—	—	—	—	—
Aircraft incident, n.e.c. ....	469	—	—	—	—	—	—
Transportation incident, n.e.c. ....	49	—	—	—	—	—	—
<b>Fires and explosions</b> .....	<b>5</b>	<b>0.6</b>	<b>0.1</b>	—	—	—	<b>0.1</b>
Fire or explosion, unspecified .....	50	—	—	—	—	—	—

See footnotes at end of table.

**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993 — Continued**

Event	Source of injury or illness					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources <sup>4</sup>
Re-entrant collision .....	-	-	-	-	-	-
Moving in same direction .....	-	-	-	1.0	-	-
Moving in opposite directions, oncoming .....	-	-	-	0.2	-	-
Moving in intersection .....	-	-	-	0.6	-	-
Moving and standing vehicle, mobile equipment—in roadway .....	-	-	-	0.6	-	-
Moving and standing vehicle, mobile equipment—side of road .....	-	-	-	-	-	-
Collision between vehicles, mobile equipment, n.e.c. ....	-	-	-	0.3	-	-
Vehicle struck stationary object or equipment in roadway .....	-	-	-	-	-	-
Vehicle struck stationary object, equipment on side of road .....	-	-	-	0.2	-	-
Noncollision incident .....	-	-	-	0.8	-	-
Noncollision incident, unspecified .....	-	-	-	-	-	-
Jack-knifed or overturned—no collision .....	-	-	-	0.3	-	-
Ran off highway—no collision .....	-	-	-	0.2	-	-
Struck by shifting load .....	-	-	-	-	-	-
Sudden start or stop, n.e.c. ....	-	-	-	0.1	-	-
Noncollision incident, n.e.c. ....	-	-	-	0.2	-	-
Highway incident, n.e.c. ....	-	-	-	0.1	-	-
Nonhighway incident, except rail, air, water .....	-	-	-	1.3	-	-
Nonhighway incident, unspecified .....	-	-	-	-	-	-
Collision between vehicles or mobile equipment .....	-	-	-	0.2	-	-
Vehicle, mobile equipment struck stationary object .....	-	-	-	0.2	-	-
Noncollision incident .....	-	-	-	0.8	-	-
Noncollision incident, unspecified .....	-	-	-	-	-	-
Fall from moving vehicle, mobile equipment .....	-	-	-	0.1	-	-
Fall from and struck by vehicle, mobile equipment .....	-	-	-	-	-	-
Overtaken .....	-	-	-	0.2	-	-
Loss of control .....	-	-	-	0.1	-	-
Struck by shifting load .....	-	-	-	-	-	-
Sudden start or stop, n.e.c. ....	-	-	-	0.2	-	-
Noncollision incident, n.e.c. ....	-	-	-	0.2	-	-
Nonhighway incident, n.e.c. ....	-	-	-	0.1	-	-
Pedestrian, nonpassenger struck by vehicle, mobile equipment .....	-	-	-	1.3	-	-
Pedestrian struck by vehicle, mobile equipment, unspecified .....	-	-	-	0.2	-	-
Pedestrian struck by vehicle, mobile equipment in roadway .....	-	-	-	0.1	-	-
Pedestrian struck by vehicle, mobile equipment on side of road .....	-	-	-	0.1	-	-
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area .....	-	-	-	1.0	-	-
Railway incident .....	-	-	-	0.1	-	-
Railway incident, unspecified .....	-	-	-	-	-	-
Collision between railway vehicle and other vehicle .....	-	-	-	-	-	-
Derailment .....	-	-	-	-	-	-
Railway incident, n.e.c. ....	-	-	-	-	-	-
Water vehicle incident .....	-	-	-	-	-	-
Water vehicle incident, unspecified .....	-	-	-	-	-	-
Fall on ship, boat .....	-	-	-	-	-	-
Water vehicle incident, n.e.c. ....	-	-	-	-	-	-
Aircraft incident .....	-	-	-	0.1	-	-
Aircraft incident, unspecified .....	-	-	-	-	-	-
During takeoff or landing .....	-	-	-	-	-	-
Aircraft incident, n.e.c. ....	-	-	-	-	-	-
Transportation incident, n.e.c. ....	-	-	-	-	-	-
<b>Fires and explosions</b> .....	-	-	-	-	-	0.4
Fire or explosion, unspecified .....	-	-	-	-	-	-

See footnotes at end of table.



**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993 — Continued**

Event	Event code <sup>3</sup>	Total cases	Source of injury or illness				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Fire—unintended or uncontrolled .....	51	0.3	—	—	—	—	—
Fire, unspecified .....	510	—	—	—	—	—	—
Fire in residence, building, or other structure ....	511	0.1	—	—	—	—	—
Forest, brush, or other outdoor fire .....	512	—	—	—	—	—	—
Ignition of clothing from controlled heat source .....	513	—	—	—	—	—	—
Fire, n.e.c. ....	519	0.1	—	—	—	—	—
Explosion .....	52	0.3	0.1	—	—	—	0.1
Explosion, unspecified .....	520	0.1	—	—	—	—	—
Explosion of battery .....	521	—	—	—	—	—	—
Explosion of pressure vessel or piping .....	522	0.1	—	—	—	—	—
Explosion, n.e.c. ....	529	0.1	—	—	—	—	—
<b>Assaults and violent acts</b> .....	6	3.4	—	—	—	—	—
Assaults and violent acts, unspecified .....	60	—	—	—	—	—	—
Assaults and violent acts by person(s) .....	61	2.7	—	—	—	—	—
Assaults and violent acts by person(s), unspecified .....	610	0.3	—	—	—	—	—
Biting .....	611	0.1	—	—	—	—	—
Hitting, kicking, beating .....	612	1.2	—	—	—	—	—
Shooting .....	613	0.1	—	—	—	—	—
Squeezing, pinching, scratching, twisting .....	614	0.3	—	—	—	—	—
Stabbing .....	615	0.1	—	—	—	—	—
Threats or verbal assaults .....	617	0.1	—	—	—	—	—
Assaults and violent acts by person(s), n.e.c. ..	619	0.6	—	—	—	—	—
Self-inflicted injury .....	62	—	—	—	—	—	—
Self-inflicted injury, unspecified .....	620	—	—	—	—	—	—
Assaults by animals .....	63	0.7	—	—	—	—	—
Assaults by animals, unspecified .....	630	—	—	—	—	—	—
Nonvenomous bites .....	631	0.5	—	—	—	—	—
Assaults by animals, n.e.c. ....	639	0.2	—	—	—	—	—
<b>Other events or exposures</b> .....	9	0.1	—	—	—	—	—
<b>Nonclassifiable</b> .....	9999	5.6	—	—	—	0.1	—

See footnotes at end of table.

**Table R36. 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 event or exposure leading to injury or illness and selected sources of injury or illness, 1993 — Continued**

Event	Source of injury or illness					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources <sup>4</sup>
Fire—unintended or uncontrolled .....	—	—	—	—	—	0.3
Fire, unspecified .....	—	—	—	—	—	—
Fire in residence, building, or other structure .....	—	—	—	—	—	0.1
Forest, brush, or other outdoor fire .....	—	—	—	—	—	—
Ignition of clothing from controlled heat source .....	—	—	—	—	—	—
Fire, n.e.c. ....	—	—	—	—	—	0.1
Explosion .....	—	—	—	—	—	0.1
Explosion, unspecified .....	—	—	—	—	—	—
Explosion of battery .....	—	—	—	—	—	—
Explosion of pressure vessel or piping .....	—	—	—	—	—	—
Explosion, n.e.c. ....	—	—	—	—	—	—
<b>Assaults and violent acts</b> .....	—	—	0.1	—	1.2	1.9
Assaults and violent acts, unspecified .....	—	—	—	—	—	—
Assaults and violent acts by person(s) .....	—	—	0.1	—	1.2	1.2
Assaults and violent acts by person(s), unspecified .....	—	—	—	—	0.1	0.2
Biting .....	—	—	—	—	—	0.1
Hitting, kicking, beating .....	—	—	—	—	0.6	0.5
Shooting .....	—	—	—	—	—	0.1
Squeezing, pinching, scratching, twisting .....	—	—	—	—	0.2	—
Stabbing .....	—	—	0.1	—	—	—
Threats or verbal assaults .....	—	—	—	—	—	—
Assaults and violent acts by person(s), n.e.c. ..	—	—	—	—	0.2	0.3
Self-inflicted injury .....	—	—	—	—	—	—
Self-inflicted injury, unspecified .....	—	—	—	—	—	—
Assaults by animals .....	—	—	—	—	—	0.7
Assaults by animals, unspecified .....	—	—	—	—	—	—
Nonvenomous bites .....	—	—	—	—	—	0.5
Assaults by animals, n.e.c. ....	—	—	—	—	—	0.2
<b>Other events or exposures</b> .....	—	—	—	—	—	—
<b>Nonclassifiable</b> .....	—	—	—	—	—	5.3

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as:  $(N/EH) \times 20,000,000$  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> Based on the 1992 occupational injury and illness classification structure developed by the Bureau of Labor Statistics.

<sup>4</sup> Includes nonclassifiable responses.

NOTE: Dashes indicate data that are not available or data that do not meet publication guidelines.  
 n.e.c. = not elsewhere classified.

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