

TABLE R23. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by part of body and selected sources of injury or illness, 2004

Part of body	Part of body code ³	Private industry ⁴	Source of injury or illness ⁵				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Total [1,259,320 cases]		141.3	2.0	18.1	5.0	9.2	14.3
Head	0	9.1	.7	.5	.5	.4	.9
Head, unspecified	00	1.8	(7)	.1	.2	.1	.3
Cranial region, including skull	01	1.1	-	.1	.1	.1	.1
Cranial region, unspecified	010	(7)	-	-	-	(7)	(7)
Brain	011	.7	-	(7)	.1	(7)	(7)
Scalp	012	.3	-	(7)	.1	.1	(7)
Skull	013	.1	-	(7)	(7)	-	(7)
Multiple cranial region locations	018	(7)	-	-	-	-	-
Cranial region, n.e.c.	019	(7)	-	-	-	-	-
Ear(s)	02	.1	(7)	(7)	-	-	(7)
Face	03	5.9	.7	.3	.1	.2	.5
Face, unspecified	030	.5	(7)	(7)	(7)	(7)	.1
Forehead	031	.4	-	.1	(7)	(7)	(7)
Eye(s)	032	4.1	.6	.1	(7)	.1	.3
Nose, nasal cavity	033	.3	-	(7)	(7)	(7)	(7)
Nose, except internal location of diseases or disorders	0330	.3	-	(7)	(7)	(7)	(7)
Cheek(s)	034	.1	-	(7)	(7)	(7)	(7)
Jaw/chin	035	.1	-	(7)	(7)	(7)	(7)
Mouth	036	.2	-	(7)	(7)	(7)	(7)
Mouth, unspecified	0360	(7)	-	(7)	-	-	(7)
Lip(s)	0361	.1	-	(7)	(7)	(7)	(7)
Tooth(teeth)	0363	.1	-	(7)	-	(7)	(7)
Multiple mouth locations	0368	(7)	-	-	-	-	(7)
Mouth, n.e.c.	0369	(7)	-	-	-	-	-
Multiple face locations	038	.3	(7)	(7)	(7)	(7)	(7)
Face, n.e.c.	039	(7)	-	-	-	-	-
Multiple head locations	08	.2	(7)	-	(7)	(7)	(7)
Head, n.e.c.	09	(7)	-	-	-	-	-
Neck, including throat	1	2.4	(7)	.3	.1	.1	.2
Neck, except internal location of diseases or disorders	10	2.4	-	.3	.1	.1	.2
Multiple internal neck locations	18	(7)	(7)	-	-	-	-
Trunk	2	50.2	.2	11.4	2.1	2.2	5.3
Trunk, unspecified	20	.2	-	(7)	(7)	(7)	(7)
Shoulder, including clavicle, scapula	21	9.2	(7)	2.1	.3	.4	.9
Chest, including ribs, internal organs	22	2.3	.1	.2	.1	.1	.2
Chest, except internal location of diseases or disorders	220	2.0	-	.2	.1	.1	.2
Internal chest location, unspecified	221	(7)	-	-	-	-	-

See footnotes at end of table.

TABLE R23. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by part of body and selected sources of injury or illness, 2004 — Continued

Part of body	Source of injury or illness ⁵					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources ⁶
Total [1,259,320 cases]	20.5	26.3	6.6	12.5	6.4	20.4
Head	(⁷)	1.0	.5	.6	.2	3.9
Head, unspecified	—	.4	(⁷)	.2	(⁷)	.4
Cranial region, including skull	—	.3	(⁷)	.2	(⁷)	.2
Cranial region, unspecified	—	(⁷)	—	—	—	(⁷)
Brain	—	.2	(⁷)	.1	(⁷)	.1
Scalp	—	(⁷)	(⁷)	.1	—	(⁷)
Skull	—	(⁷)	—	(⁷)	—	(⁷)
Multiple cranial region locations	—	(⁷)	—	—	—	—
Cranial region, n.e.c.	—	(⁷)	—	—	—	(⁷)
Ear(s)	—	—	—	—	—	.1
Face	(⁷)	.3	.4	.2	.1	3.1
Face, unspecified	—	.1	(⁷)	(⁷)	(⁷)	.2
Forehead	—	(⁷)	(⁷)	(⁷)	—	.1
Eye(s)	—	(⁷)	.2	(⁷)	.1	2.6
Nose, nasal cavity	—	(⁷)	(⁷)	(⁷)	(⁷)	.1
Nose, except internal location of diseases or disorders	—	(⁷)	(⁷)	(⁷)	(⁷)	.1
Cheek(s)	—	(⁷)	(⁷)	(⁷)	—	(⁷)
Jaw/chin	—	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
Mouth	—	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
Mouth, unspecified	—	(⁷)	(⁷)	—	(⁷)	(⁷)
Lip(s)	—	(⁷)	(⁷)	—	(⁷)	(⁷)
Tooth(teeth)	—	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
Multiple mouth locations	—	—	—	—	—	—
Mouth, n.e.c.	—	—	—	—	—	—
Multiple face locations	—	(⁷)	(⁷)	(⁷)	(⁷)	.1
Face, n.e.c.	—	—	—	—	—	(⁷)
Multiple head locations	—	(⁷)	—	(⁷)	(⁷)	.1
Head, n.e.c.	—	—	—	—	—	(⁷)
Neck, including throat .....	.3	.2	.1	.7	.2	.3
Neck, except internal location of diseases or disorders .....	.3	.2	.1	.7	.2	.3
Multiple internal neck locations	—	—	—	—	—	—
Trunk	7.8	6.8	1.0	3.6	4.4	5.4
Trunk, unspecified	(⁷)	.1	—	(⁷)	(⁷)	(⁷)
Shoulder, including clavicle, scapula	1.4	1.5	.2	.6	.7	1.1
Chest, including ribs, internal organs .....	.1	.4	(⁷)	.3	.1	.5
Chest, except internal location of diseases or disorders .....	.1	.4	(⁷)	.3	.1	.3
Internal chest location, unspecified	—	—	—	—	—	(⁷)

See footnotes at end of table.

TABLE R23. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by part of body and selected sources of injury or illness, 2004 — Continued

Part of body	Part of body code ³	Private industry ⁴	Source of injury or illness ⁵				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Heart	223	0.1	—	—	—	—	—
Bronchus	224	(⁷)	—	—	—	—	—
Lung(s), pleura	225	.2	0.1	—	—	—	—
Internal chest location, n.e.c.	229	(⁷)	—	—	—	—	—
Back, including spine, spinal cord	23	31.7	(⁷)	7.5	1.4	1.3	3.2
Back, including spine, spinal cord, unspecified	230	13.8	(⁷)	3.1	.5	.7	1.5
Lumbar region	231	15.4	(⁷)	4.0	.7	.5	1.5
Thoracic region	232	1.2	—	.3	.1	(⁷)	.1
Sacral region	233	.1	—	(⁷)	—	—	(⁷)
Coccygeal region	234	.2	—	—	(⁷)	—	(⁷)
Multiple back regions	238	.9	—	.1	(⁷)	(⁷)	.1
Back, including spine, spinal cord, n.e.c.	239	.1	—	(⁷)	(⁷)	(⁷)	(⁷)
Abdomen	24	3.3	(⁷)	1.0	.1	.2	.7
Abdomen, except internal location of diseases or disorders	240	.8	(⁷)	.2	(⁷)	.1	.2
Internal abdominal location, unspecified	241	1.1	—	.4	(⁷)	.1	.2
Stomach organ	242	.1	(⁷)	(⁷)	—	(⁷)	(⁷)
Urinary organs	244	(⁷)	—	—	—	—	—
Intestines, peritoneum	245	1.2	—	.4	.1	.1	.3
Intestines, peritoneum, unspecified	2450	1.1	—	.3	.1	.1	.3
Peritoneum	2451	.1	—	(⁷)	(⁷)	—	(⁷)
Small intestine	2452	(⁷)	—	(⁷)	—	(⁷)	—
Large intestine/colon, rectum	2453	(⁷)	—	(⁷)	—	—	(⁷)
Multiple intestinal locations	2458	(⁷)	—	—	—	—	—
Intestines, n.e.c.	2459	(⁷)	—	—	—	—	—
Internal abdominal location, n.e.c.	249	(⁷)	—	—	—	—	—
Pelvic region	25	2.5	(⁷)	.4	.1	.1	.2
Pelvic region, unspecified	250	(⁷)	—	(⁷)	—	—	—
Hip(s)	251	1.1	—	.1	(⁷)	(⁷)	(⁷)
Pelvis	252	.1	—	(⁷)	—	(⁷)	(⁷)
Buttock(s)	253	.1	—	—	—	(⁷)	(⁷)
Groin	254	1.1	(⁷)	.3	(⁷)	(⁷)	.2
External reproductive tract structures	255	(⁷)	—	—	—	—	(⁷)
External reproductive tract structures, unspecified	2550	(⁷)	—	—	—	—	—
Scrotum	2551	(⁷)	—	—	—	—	(⁷)
Multiple pelvic region locations	258	(⁷)	—	—	—	—	—
Pelvic region, n.e.c.	259	(⁷)	—	—	—	—	—
Multiple trunk locations	28	1.0	—	.1	.1	(⁷)	(⁷)
Trunk, n.e.c.	29	(⁷)	—	(⁷)	—	—	—

See footnotes at end of table.

TABLE R23. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by part of body and selected sources of injury or illness, 2004 — Continued

Part of body	Source of injury or illness ⁵					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources ⁶
Heart	—	—	—	—	—	0.1
Bronchus	—	—	—	—	—	(⁷)
Lung(s), pleura	—	—	—	—	—	.1
Internal chest location, n.e.c.	—	—	—	—	—	(⁷)
Back, including spine, spinal cord	5.6	3.7	0.6	2.2	3.3	3.0
Back, including spine, spinal cord, unspecified	2.4	1.6	.3	1.1	1.2	1.5
Lumbar region	2.9	1.7	.3	.9	1.8	1.3
Thoracic region .....	.2	.1	(⁷)	.1	.2	.1
Sacral region	(⁷)	(⁷)	—	(⁷)	(⁷)	(⁷)
Coccygeal region	—	.2	—	(⁷)	—	(⁷)
Multiple back regions .....	.1	.1	—	.1	.1	.1
Back, including spine, spinal cord, n.e.c.	—	(⁷)	—	(⁷)	(⁷)	(⁷)
Abdomen .....	.2	.1	.1	.2	.1	.4
Abdomen, except internal location of diseases or disorders .....	.1	(⁷)	(⁷)	.1	.1	.1
Internal abdominal location, unspecified .....	.1	(⁷)	(⁷)	.1	(⁷)	.1
Stomach organ	(⁷)	—	—	—	—	(⁷)
Urinary organs	—	—	—	—	—	—
Intestines, peritoneum .....	.1	(⁷)	(⁷)	.1	(⁷)	.1
Intestines, peritoneum, unspecified .....	.1	(⁷)	(⁷)	.1	(⁷)	.1
Peritoneum	(⁷)	—	—	(⁷)	—	(⁷)
Small intestine	—	—	—	—	—	(⁷)
Large intestine/colon, rectum	(⁷)	—	—	—	—	—
Multiple intestinal locations	—	—	—	—	—	—
Intestines, n.e.c.	—	—	—	—	—	—
Internal abdominal location, n.e.c.	—	—	—	—	—	—
Pelvic region .....	.3	.7	(⁷)	.2	.1	.3
Pelvic region, unspecified	—	(⁷)	—	—	—	(⁷)
Hip(s) .....	.1	.5	(⁷)	.1	(⁷)	.1
Pelvis	—	(⁷)	—	(⁷)	—	(⁷)
Buttock(s)	(⁷)	.1	—	(⁷)	—	(⁷)
Groin .....	.2	.1	(⁷)	.1	(⁷)	.1
External reproductive tract structures	—	(⁷)	—	(⁷)	(⁷)	(⁷)
External reproductive tract structures, unspecified	—	—	—	—	—	—
Scrotum	—	(⁷)	—	(⁷)	(⁷)	(⁷)
Multiple pelvic region locations	—	(⁷)	—	(⁷)	—	—
Pelvic region, n.e.c.	—	(⁷)	—	—	—	—
Multiple trunk locations .....	.1	.3	(⁷)	.1	.1	.1
Trunk, n.e.c.	—	(⁷)	—	—	—	—

See footnotes at end of table.

TABLE R23. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by part of body and selected sources of injury or illness, 2004 — Continued

Part of body	Part of body code ³	Private industry ⁴	Source of injury or illness ⁵				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Upper extremities	3	32.6	0.3	2.7	1.0	4.8	4.4
Upper extremities, unspecified	30	.1	—	—	—	—	(⁷)
Arm(s)	31	6.5	.1	.8	.2	.5	.9
Arm(s), unspecified	310	2.4	(⁷)	.3	.1	.2	.3
Upper arm(s)	311	.5	—	.1	(⁷)	(⁷)	.1
Elbow(s)	312	2.1	—	.2	.1	.1	.2
Forearm(s)	313	1.1	(⁷)	.1	(⁷)	.1	.2
Multiple arm(s) locations	318	.3	—	.1	(⁷)	(⁷)	(⁷)
Arm(s), n.e.c.	319	.1	—	(⁷)	(⁷)	(⁷)	(⁷)
Wrist(s)	32	6.6	(⁷)	.5	.1	.2	.3
Hand(s), except finger(s)	33	5.6	.2	.4	.2	.8	1.0
Finger(s), fingernail(s)	34	12.1	(⁷)	.8	.3	3.2	2.0
Multiple upper extremities locations ..	38	1.7	(⁷)	.1	(⁷)	.2	.2
Multiple upper extremities locations, unspecified	380	(⁷)	—	—	—	—	—
Hand(s) and finger(s)	381	.6	(⁷)	.1	(⁷)	.1	.1
Hand(s) and wrist(s)	382	.4	—	(⁷)	(⁷)	(⁷)	(⁷)
Hand(s) and arm(s)	383	.2	(⁷)	(⁷)	—	(⁷)	(⁷)
Multiple upper extremities locations, n.e.c.	389	.5	—	(⁷)	(⁷)	(⁷)	.1
Upper extremities, n.e.c.	39	(⁷)	—	—	—	—	—
Lower extremities	4	30.2	.1	2.2	1.0	1.3	2.8
Lower extremities, unspecified	40	(⁷)	—	(⁷)	—	—	—
Leg(s)	41	15.5	.1	.9	.5	.6	1.1
Leg(s), unspecified	410	2.1	(⁷)	.2	.1	.1	.3
Thigh(s)	411	.5	—	(⁷)	(⁷)	(⁷)	.1
Knee(s)	412	11.2	(⁷)	.6	.3	.3	.6
Lower leg(s)	413	1.2	(⁷)	.1	(⁷)	.1	.2
Multiple leg(s) locations	418	.4	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
Leg(s), n.e.c.	419	.1	—	—	—	—	(⁷)
Ankle(s)	42	7.2	(⁷)	.3	.1	.1	.2
Foot(feet), except toe(s)	43	5.1	.1	.5	.2	.4	1.1
Foot(feet), except toe(s), unspecified	430	4.4	.1	.4	.2	.4	.9
Instep(s)	431	.1	—	(⁷)	(⁷)	(⁷)	(⁷)
Sole	432	.4	—	(⁷)	(⁷)	(⁷)	.1
Sole(s), unspecified	4320	.1	—	—	—	—	.1
Arch(es)	4322	(⁷)	—	—	—	—	(⁷)
Heel(s)	4323	.3	—	(⁷)	(⁷)	(⁷)	(⁷)
Sole(s), n.e.c.	4329	—	—	—	—	—	—
Multiple foot(feet) locations	438	(⁷)	—	—	—	—	(⁷)
Foot(feet), n.e.c.	439	.1	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
Toe(s), toenail(s)	44	1.4	(⁷)	.3	.1	.1	.3
Multiple lower extremities locations	48	.9	(⁷)	.1	(⁷)	.1	.1

See footnotes at end of table.

TABLE R23. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by part of body and selected sources of injury or illness, 2004 — Continued

Part of body	Source of injury or illness ⁵					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources ⁶
Upper extremities	4.4	3.4	4.4	1.8	0.6	4.7
Upper extremities, unspecified	(⁷)	—	—	—	—	(⁷)
Arm(s) .....	.7	1.3	.3	.5	.2	1.2
Arm(s), unspecified .....	.2	.5	.1	.2	.1	.5
Upper arm(s)	(⁷)	.1	(⁷)	(⁷)	(⁷)	.1
Elbow(s) .....	.3	.6	.1	.2	(⁷)	.3
Forearm(s) .....	.1	.1	.1	(⁷)	(⁷)	.3
Multiple arm(s) locations .....	.1	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
Arm(s), n.e.c.	(⁷)	(⁷)	(⁷)	—	(⁷)	(⁷)
Wrist(s)	2.9	1.3	.3	.2	.2	.5
Hand(s), except finger(s) .....	.3	.3	.9	.4	.1	1.1
Finger(s), fingernail(s) .....	.3	.3	2.7	.6	.1	1.7
Multiple upper extremities locations .....	.3	.2	.2	.1	(⁷)	.3
Multiple upper extremities locations, unspecified	(⁷)	—	—	(⁷)	(⁷)	(⁷)
Hand(s) and finger(s)	(⁷)	(⁷)	.1	.1	(⁷)	.1
Hand(s) and wrist(s) .....	.1	.1	(⁷)	(⁷)	(⁷)	.1
Hand(s) and arm(s)	(⁷)	(⁷)	—	(⁷)	(⁷)	.1
Multiple upper extremities locations, n.e.c. ....	.1	.1	(⁷)	(⁷)	(⁷)	.1
Upper extremities, n.e.c.	—	—	—	—	—	—
Lower extremities	6.8	9.4	.5	2.7	.3	3.0
Lower extremities, unspecified	—	(⁷)	—	—	—	(⁷)
Leg(s)	3.8	5.1	.3	1.3	.3	1.6
Leg(s), unspecified .....	.2	.5	.1	.3	(⁷)	.3
Thigh(s) .....	.1	.1	.1	(⁷)	(⁷)	.1
Knee(s)	3.4	3.9	.1	.7	.2	1.0
Lower leg(s) .....	.1	.3	(⁷)	.2	(⁷)	.2
Multiple leg(s) locations	(⁷)	.2	(⁷)	(⁷)	—	(⁷)
Leg(s), n.e.c.	(⁷)	(⁷)	—	(⁷)	—	(⁷)
Ankle(s)	2.3	2.9	(⁷)	.5	(⁷)	.6
Foot(feet), except toe(s) .....	.5	.9	.1	.7	(⁷)	.6
Foot(feet), except toe(s), unspecified .....	.4	.7	.1	.6	(⁷)	.5
Instep(s)	—	(⁷)	—	(⁷)	—	(⁷)
Sole .....	.1	.2	(⁷)	(⁷)	—	(⁷)
Sole(s), unspecified	(⁷)	—	—	—	—	—
Arch(es)	—	—	—	—	—	—
Heel(s)	(⁷)	.2	—	(⁷)	—	(⁷)
Sole(s), n.e.c.	(⁷)	—	—	—	—	—
Multiple foot(feet) locations	—	(⁷)	—	(⁷)	—	(⁷)
Foot(feet), n.e.c.	(⁷)	(⁷)	(⁷)	(⁷)	—	(⁷)
Toe(s), toenail(s)	(⁷)	.1	.1	.1	(⁷)	.2
Multiple lower extremities locations .....	.1	.3	(⁷)	.1	(⁷)	.1

See footnotes at end of table.

TABLE R23. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by part of body and and selected sources of injury or illness, 2004 — Continued

Part of body	Part of body code ³	Private industry ⁴	Source of injury or illness ⁵				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Multiple lower extremities locations, unspecified	480	(⁷)	—	—	—	—	—
Foot(foot) and leg(s)	481	.1	(⁷)	—	(⁷)	—	(⁷)
Foot(foot) and ankle(s)	482	.3	—	(⁷)	—	(⁷)	(⁷)
Foot(foot) and toe(s)	483	.1	—	(⁷)	(⁷)	(⁷)	(⁷)
Multiple lower extremities locations, n.e.c.	489	.4	—	(⁷)	(⁷)	(⁷)	(⁷)
Lower extremities, n.e.c.	49	(⁷)	—	—	—	—	—
Body systems	5	1.6	.4	(⁷)	(⁷)	.1	.1
Multiple body parts	8	14.2	.3	.9	.4	.4	.7
Other body parts	9	(⁷)	—	(⁷)	—	—	—
Prosthetic devices	91	(⁷)	—	(⁷)	—	—	—
Nonclassifiable	9999	1.0	(⁷)	.1	(⁷)	(⁷)	(⁷)

See footnotes at end of table.

TABLE R23. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by part of body and selected sources of injury or illness, 2004 — Continued

Part of body	Source of injury or illness ⁵					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources ⁶
Multiple lower extremities locations, unspecified	—	(⁷)	—	—	—	—
Foot(feet) and leg(s)	(⁷)	(⁷)	—	(⁷)	—	(⁷)
Foot(feet) and ankle(s) .....	.1	.1	(⁷)	(⁷)	—	(⁷)
Foot(feet) and toe(s)	(⁷)	—	—	(⁷)	—	(⁷)
Multiple lower extremities locations, n.e.c. ....	.1	.2	(⁷)	(⁷)	(⁷)	(⁷)
Lower extremities, n.e.c.	—	(⁷)	—	—	—	—
Body systems	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	.9
Multiple body parts	1.0	5.3	.1	2.9	.7	1.6
Other body parts	—	(⁷)	—	—	—	—
Prosthetic devices	—	—	—	—	—	—
Nonclassifiable .....	.1	.1	(⁷)	.1	(⁷)	.6

¹ 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)

² Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

³ Based on the 1992 Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

⁴ Excludes farms with fewer than 11 employees.

⁵ Data shown in columns correspond to the following Source codes:

Chemicals and chemical products = 00-09; Containers = 10-19; Furniture and fixtures = 20-29; Machinery = 30-39; Parts and materials = 40-49; Worker motion or position = 562; Floors, walkways or ground surfaces = 62; Handtools = 71-73; Vehicles = 80-89; Health care patient = 573; All other sources = 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.

⁶ Includes nonclassifiable responses.

⁷ Less than 0.05 cases per 10,000 full-time workers.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies