

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, 1999

Part of body	Part of body code ³	Total cases	Source of injury or illness ⁴				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Private industry [1,702,470 cases]		188.3	3.2	27.1	6.5	12.6	21.2
Head	0	11.9	1.0	.6	.5	.5	1.4
Head, unspecified	00	2.1	(⁶)	.2	.2	.2	.3
Cranial region, including skull	01	1.3	—	.1	.2	.1	.2
Cranial region, unspecified	010	(⁶)	—	—	(⁶)	—	(⁶)
Brain	011	.8	—	(⁶)	.1	.1	.1
Scalp	012	.4	—	(⁶)	.1	(⁶)	.1
Skull	013	.1	—	(⁶)	(⁶)	(⁶)	(⁶)
Cranial region, n.e.c.	019	(⁶)	—	—	(⁶)	—	—
Ear(s)	02	.3	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Face	03	8.0	1.0	.3	.1	.3	.8
Face, unspecified	030	.5	.1	(⁶)	(⁶)	(⁶)	.1
Forehead	031	.5	(⁶)	(⁶)	.1	(⁶)	.1
Eye(s)	032	5.9	.9	.2	(⁶)	.1	.5
Nose, nasal cavity	033	.3	(⁶)	(⁶)	(⁶)	(⁶)	.1
Nose, except internal location of diseases or disorders	0330	.3	—	(⁶)	(⁶)	(⁶)	.1
Internal nasal location, unspecified	0331	(⁶)	(⁶)	—	—	—	—
Sinuses	0334	(⁶)	—	—	—	—	—
Cheek(s)	034	.1	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Jaw/chin	035	.2	—	(⁶)	—	(⁶)	(⁶)
Mouth	036	.3	(⁶)	(⁶)	(⁶)	(⁶)	.1
Mouth, unspecified	0360	.1	—	—	—	(⁶)	(⁶)
Lip(s)	0361	.1	—	(⁶)	—	(⁶)	(⁶)
Tongue	0362	(⁶)	—	—	—	—	—
Tooth(teeth)	0363	.1	—	(⁶)	(⁶)	(⁶)	(⁶)
Multiple mouth locations	0368	(⁶)	—	—	—	—	—
Multiple face locations	038	.3	(⁶)	(⁶)	(⁶)	(⁶)	.1
Face, n.e.c.	039	(⁶)	(⁶)	—	(⁶)	—	(⁶)
Multiple head locations	08	.2	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Head, n.e.c.	09	(⁶)	—	—	—	—	—
Neck, including throat	1	3.4	(⁶)	.5	.1	.1	.3
Neck, except internal location of diseases or disorders	10	3.4	(⁶)	.5	.1	.1	.3
Internal neck location, unspecified	11	(⁶)	(⁶)	—	—	—	—
Vocal cord(s)	12	—	(⁶)	—	—	—	—
Trunk	2	69.8	.3	17.2	2.8	3.0	8.2
Trunk, unspecified	20	.4	(⁶)	.1	(⁶)	(⁶)	.1
Shoulder, including clavicle, scapula	21	10.4	(⁶)	2.3	.4	.5	1.1
Chest, including ribs, internal organs	22	3.0	.2	.5	.2	.1	.3
Chest, except internal location of diseases or disorders	220	2.7	(⁶)	.5	.2	.1	.3
Internal chest location, unspecified	221	(⁶)	(⁶)	—	—	—	—
Heart	223	.1	—	—	—	—	—
Bronchus	224	(⁶)	(⁶)	—	—	—	—
Lung(s), pleura	225	.2	.1	—	—	—	—
Back, including spine, spinal cord	23	46.9	(⁶)	12.2	1.8	1.9	5.3
Back, including spine, spinal cord, unspecified	230	19.6	(⁶)	4.9	.8	.8	2.1
Lumbar region	231	23.4	(⁶)	6.4	.9	.9	2.8
Thoracic region	232	1.8	—	.5	.1	.1	.2
Sacral region	233	.2	—	.1	(⁶)	(⁶)	(⁶)
Coccygeal region	234	.3	—	(⁶)	(⁶)	—	(⁶)

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, 1999 — Continued

Part of body	Source of injury or illness ⁴					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources ⁵
Private industry [1,702,470 cases]	29.5	30.1	8.6	15.2	8.0	26.3
Head	(⁶)	1.0	.7	.7	.2	5.2
Head, unspecified	(⁶)	.4	.1	.3	(⁶)	.4
Cranial region, including skull	—	.3	(⁶)	.2	(⁶)	.2
Cranial region, unspecified	—	(⁶)	(⁶)	(⁶)	—	(⁶)
Brain	—	.3	(⁶)	.1	(⁶)	.1
Scalp	—	(⁶)	(⁶)	(⁶)	(⁶)	.1
Skull	—	(⁶)	—	(⁶)	—	(⁶)
Cranial region, n.e.c.	—	—	—	—	—	—
Ear(s)	—	(⁶)	(⁶)	(⁶)	(⁶)	.2
Face	(⁶)	.3	.6	.2	.2	4.3
Face, unspecified	—	(⁶)	(⁶)	(⁶)	(⁶)	.2
Forehead	—	.1	(⁶)	.1	(⁶)	.1
Eye(s)	(⁶)	(⁶)	.5	(⁶)	(⁶)	3.7
Nose, nasal cavity	—	(⁶)	(⁶)	(⁶)	(⁶)	.1
Nose, except internal location of diseases or disorders	—	(⁶)	(⁶)	(⁶)	(⁶)	.1
Internal nasal location, unspecified	—	—	—	—	—	(⁶)
Sinuses	—	—	—	—	—	(⁶)
Cheek(s)	—	(⁶)	(⁶)	—	(⁶)	(⁶)
Jaw/chin	—	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Mouth	—	.1	(⁶)	(⁶)	—	.1
Mouth, unspecified	—	(⁶)	(⁶)	(⁶)	—	(⁶)
Lip(s)	—	(⁶)	(⁶)	(⁶)	—	(⁶)
Tongue	—	—	—	—	—	—
Tooth(teeth)	—	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Multiple mouth locations	—	(⁶)	(⁶)	(⁶)	—	(⁶)
Multiple face locations	—	(⁶)	(⁶)	(⁶)	(⁶)	.1
Face, n.e.c.	—	(⁶)	—	—	—	(⁶)
Multiple head locations	—	(⁶)	(⁶)	(⁶)	—	.1
Head, n.e.c.	—	—	—	—	—	—
Neck, including throat .....	.5	.3	.1	.9	.3	.4
Neck, except internal location of diseases or disorders .....	.5	.3	.1	.9	.3	.4
Internal neck location, unspecified	—	—	—	—	—	—
Vocal cord(s)	—	—	—	—	—	—
Trunk	11.1	8.6	1.6	4.4	5.8	6.9
Trunk, unspecified	(⁶)	.1	—	(⁶)	(⁶)	.1
Shoulder, including clavicle, scapula	1.7	1.6	.3	.7	.8	1.1
Chest, including ribs, internal organs .....	.1	.6	.1	.3	.1	.5
Chest, except internal location of diseases or disorders .....	.1	.6	.1	.3	.1	.4
Internal chest location, unspecified	—	—	—	—	—	(⁶)
Heart	—	—	—	—	—	.1
Bronchus	—	—	—	—	—	(⁶)
Lung(s), pleura	—	—	—	—	—	.1
Back, including spine, spinal cord	8.4	5.1	1.0	2.7	4.4	4.1
Back, including spine, spinal cord, unspecified	3.6	2.3	.5	1.1	1.6	1.9
Lumbar region	4.2	2.2	.5	1.3	2.4	1.9
Thoracic region .....	.3	.1	(⁶)	.1	.2	.2
Sacral region	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Coccygeal region	(⁶)	.2	(⁶)	(⁶)	—	(⁶)

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, 1999 — Continued

Part of body	Part of body code ³	Total cases	Source of injury or illness ⁴				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Multiple back regions	238	1.6	—	0.4	(⁶)	0.1	0.1
Back, including spine, spinal cord, n.e.c.	239	.1	—	(⁶)	—	—	(⁶)
Abdomen	24	4.3	(⁶)	1.3	.2	.3	1.0
Abdomen, except internal location of diseases or disorders	240	1.2	(⁶)	.3	.1	.1	.2
Internal abdominal location, unspecified	241	1.5	—	.5	.1	.2	.4
Stomach organ	242	.1	(⁶)	(⁶)	(⁶)	—	(⁶)
Urinary organs	244	(⁶)	—	—	—	—	—
Intestines, peritoneum	245	1.5	(⁶)	.5	.1	.1	.4
Intestines, peritoneum, unspecified	2450	1.2	(⁶)	.5	.1	.1	.3
Peritoneum	2451	.1	—	(⁶)	—	—	(⁶)
Small intestine	2452	(⁶)	—	—	—	—	—
Large intestine/colon, rectum	2453	.1	—	(⁶)	(⁶)	(⁶)	(⁶)
Multiple intestinal locations	2458	(⁶)	—	(⁶)	—	—	—
Intestines, n.e.c.	2459	.1	—	(⁶)	(⁶)	—	—
Liver	2461	(⁶)	—	—	—	—	—
Internal abdominal location, n.e.c.	249	(⁶)	—	(⁶)	—	—	—
Pelvic region	25	3.3	(⁶)	.6	.1	.1	.4
Pelvic region, unspecified	250	.1	—	(⁶)	(⁶)	(⁶)	(⁶)
Hip(s)	251	1.3	—	.1	(⁶)	(⁶)	.1
Pelvis	252	.1	—	(⁶)	(⁶)	—	(⁶)
Buttock(s)	253	.2	—	(⁶)	(⁶)	(⁶)	(⁶)
Groin	254	1.4	—	.5	.1	.1	.2
External reproductive tract structures	255	.1	—	(⁶)	—	(⁶)	(⁶)
External reproductive tract structures, unspecified	2550	(⁶)	—	—	—	—	—
Scrotum	2551	.1	—	(⁶)	—	(⁶)	(⁶)
Internal reproductive tract structures	256	(⁶)	—	—	—	—	—
Uterus	2564	(⁶)	—	—	—	—	—
Multiple pelvic region locations	258	(⁶)	—	(⁶)	—	(⁶)	(⁶)
Pelvic region, n.e.c.	259	(⁶)	—	(⁶)	—	—	—
Multiple trunk locations	28	1.6	(⁶)	.3	.1	.1	.1
Trunk, n.e.c.	29	(⁶)	—	—	—	—	—
Upper extremities	3	43.9	.5	4.0	1.3	7.0	6.3
Upper extremities, unspecified	30	.1	(⁶)	—	—	(⁶)	(⁶)
Arm(s)	31	8.2	.1	1.0	.3	.7	1.0
Arm(s), unspecified	310	3.0	.1	.4	.1	.3	.4
Upper arm(s)	311	.5	—	.1	(⁶)	(⁶)	.1
Elbow(s)	312	3.0	—	.3	.1	.2	.3
Forearm(s)	313	1.4	(⁶)	.1	(⁶)	.2	.2
Multiple arm(s) locations	318	.3	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Arm(s), n.e.c.	319	.1	(⁶)	(⁶)	—	(⁶)	(⁶)
Wrist(s)	32	9.3	(⁶)	.9	.2	.3	.5
Hand(s), except finger(s)	33	7.8	.3	.8	.3	1.2	1.3
Finger(s), fingernail(s)	34	16.5	.1	1.2	.4	4.6	3.1
Multiple upper extremities locations	38	1.9	.1	.2	(⁶)	.2	.3
Multiple upper extremities locations, unspecified	380	.1	(⁶)	(⁶)	(⁶)	—	—
Hand(s) and finger(s)	381	.5	(⁶)	(⁶)	(⁶)	.1	.1
Hand(s) and wrist(s)	382	.4	—	(⁶)	(⁶)	(⁶)	(⁶)
Hand(s) and arm(s)	383	.3	(⁶)	(⁶)	—	(⁶)	(⁶)
Multiple upper extremities locations, n.e.c.	389	.7	—	.1	(⁶)	(⁶)	.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, 1999 — Continued

Part of body	Source of injury or illness ⁴					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources ⁵
Multiple back regions	0.3	0.3	(⁶)	0.2	0.2	0.1
Back, including spine, spinal cord, n.e.c.	(⁶)	(⁶)	—	(⁶)	(⁶)	(⁶)
Abdomen .....	.3	.1	.1	.2	.2	.6
Abdomen, except internal location of diseases or disorders .....	.1	.1	(⁶)	.1	.1	.2
Internal abdominal location, unspecified .....	.1	(⁶)	(⁶)	(⁶)	(⁶)	.2
Stomach organ	—	—	—	—	—	(⁶)
Urinary organs	—	—	—	—	—	—
Intestines, peritoneum .....	.1	(⁶)	(⁶)	.1	(⁶)	.2
Intestines, peritoneum, unspecified .....	.1	(⁶)	(⁶)	(⁶)	(⁶)	.1
Peritoneum	(⁶)	—	(⁶)	—	—	(⁶)
Small intestine	—	—	—	(⁶)	—	—
Large intestine/colon, rectum	(⁶)	—	—	(⁶)	(⁶)	(⁶)
Multiple intestinal locations	—	—	—	—	—	—
Intestines, n.e.c.	(⁶)	—	—	—	—	(⁶)
Liver	—	—	—	—	—	—
Internal abdominal location, n.e.c.	—	—	—	—	—	—
Pelvic region .....	.5	.8	.1	.3	.1	.3
Pelvic region, unspecified	(⁶)	(⁶)	—	(⁶)	—	(⁶)
Hip(s) .....	.2	.6	(⁶)	.1	(⁶)	.1
Pelvis	(⁶)	(⁶)	—	(⁶)	—	(⁶)
Buttock(s)	—	.1	—	(⁶)	(⁶)	(⁶)
Groin .....	.2	.1	.1	.1	(⁶)	.1
External reproductive tract structures	—	(⁶)	(⁶)	(⁶)	—	.1
External reproductive tract structures, unspecified	—	—	—	—	—	—
Scrotum	—	(⁶)	(⁶)	(⁶)	—	.1
Internal reproductive tract structures	—	—	—	(⁶)	—	(⁶)
Uterus	—	—	—	(⁶)	—	—
Multiple pelvic region locations	(⁶)	(⁶)	—	(⁶)	—	—
Pelvic region, n.e.c.	—	(⁶)	—	(⁶)	—	—
Multiple trunk locations .....	.2	.4	(⁶)	.2	.2	.1
Trunk, n.e.c.	—	(⁶)	—	—	—	—
Upper extremities	6.8	4.0	5.3	2.2	.8	5.7
Upper extremities, unspecified	(⁶)	(⁶)	—	(⁶)	—	(⁶)
Arm(s)	1.2	1.6	.4	.6	.2	1.3
Arm(s), unspecified .....	.3	.5	.1	.2	.1	.5
Upper arm(s) .....	.1	.1	(⁶)	(⁶)	(⁶)	.1
Elbow(s) .....	.6	.8	.1	.3	(⁶)	.4
Forearm(s) .....	.1	.1	.1	.1	(⁶)	.3
Multiple arm(s) locations .....	.1	.1	(⁶)	(⁶)	(⁶)	.1
Arm(s), n.e.c.	—	(⁶)	—	(⁶)	—	(⁶)
Wrist(s)	4.3	1.5	.3	.4	.3	.6
Hand(s), except finger(s) .....	.5	.4	1.1	.4	.1	1.4
Finger(s), fingernail(s) .....	.4	.4	3.4	.7	.2	2.1
Multiple upper extremities locations .....	.5	.2	.1	.1	.1	.3
Multiple upper extremities locations, unspecified	(⁶)	(⁶)	—	—	—	(⁶)
Hand(s) and finger(s)	(⁶)	(⁶)	.1	(⁶)	(⁶)	.1
Hand(s) and wrist(s) .....	.1	.1	(⁶)	(⁶)	(⁶)	(⁶)
Hand(s) and arm(s) .....	.1	(⁶)	(⁶)	—	(⁶)	.1
Multiple upper extremities locations, n.e.c. ....	.2	.1	(⁶)	.1	(⁶)	.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, 1999 — Continued

Part of body	Part of body code ³	Total cases	Source of injury or illness ⁴				
			Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials
Upper extremities, n.e.c.	39	(⁶)	—	—	—	—	—
Lower extremities	4	38.7	0.2	3.3	1.4	1.4	4.2
Lower extremities, unspecified	40	(⁶)	—	—	—	—	(⁶)
Leg(s)	41	19.7	.1	1.6	.6	.7	1.8
Leg(s), unspecified	410	3.0	.1	.3	.1	.1	.5
Thigh(s)	411	.7	(⁶)	.1	(⁶)	(⁶)	.1
Knee(s)	412	14.2	(⁶)	1.0	.4	.4	.9
Lower leg(s)	413	1.4	(⁶)	.1	(⁶)	.1	.2
Multiple leg(s) locations	418	.3	—	(⁶)	(⁶)	(⁶)	.1
Leg(s), n.e.c.	419	.1	—	—	—	—	(⁶)
Ankle(s)	42	9.2	(⁶)	.5	.2	.2	.4
Foot(feet), except toe(s)	43	6.6	.1	.8	.4	.4	1.5
Foot(feet), except toe(s), unspecified	430	5.9	.1	.8	.3	.4	1.3
Instep(s)	431	(⁶)	—	—	(⁶)	—	—
Sole	432	.6	—	(⁶)	(⁶)	(⁶)	.1
Sole(s), unspecified	4320	.1	—	—	—	—	.1
Arch(es)	4322	(⁶)	—	—	—	—	(⁶)
Heel(s)	4323	.4	—	(⁶)	(⁶)	(⁶)	(⁶)
Sole(s), n.e.c.	4329	(⁶)	—	—	—	—	—
Multiple foot(feet) locations	438	(⁶)	—	—	—	—	—
Foot(feet), n.e.c.	439	.1	—	—	—	—	(⁶)
Toe(s), toenail(s)	44	2.0	(⁶)	.4	.2	.2	.5
Multiple lower extremities locations	48	1.3	(⁶)	.1	(⁶)	.1	.1
Multiple lower extremities locations, unspecified	480	(⁶)	—	(⁶)	—	(⁶)	—
Foot(feet) and leg(s)	481	.1	—	(⁶)	—	(⁶)	(⁶)
Foot(feet) and ankle(s)	482	.4	(⁶)	(⁶)	—	(⁶)	(⁶)
Foot(feet) and toe(s)	483	.2	—	(⁶)	(⁶)	(⁶)	(⁶)
Multiple lower extremities locations, n.e.c.	489	.6	—	(⁶)	(⁶)	(⁶)	(⁶)
Lower extremities, n.e.c.	49	(⁶)	—	—	—	—	—
Body systems	5	2.4	.8	(⁶)	(⁶)	.1	.2
Multiple body parts	8	16.4	.4	1.3	.5	.5	.7
Nonclassifiable	9999	1.7	(⁶)	.1	(⁶)	(⁶)	(⁶)

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, 1999 — Continued

Part of body	Source of injury or illness ⁴					
	Worker motion or position	Floors, walkways or ground surfaces	Handtools	Vehicles	Health care patient	All other sources ⁵
Upper extremities, n.e.c.	—	—	—	—	—	—
Lower extremities	9.6	10.4	0.7	3.5	0.3	3.7
Lower extremities, unspecified	(⁶)	(⁶)	—	(⁶)	—	(⁶)
Leg(s)	5.1	5.7	.5	1.6	.2	1.7
Leg(s), unspecified .....	.3	.7	.2	.3	(⁶)	.4
Thigh(s) .....	.1	.1	.1	.1	(⁶)	.1
Knee(s)	4.5	4.5	.2	1.0	.2	1.0
Lower leg(s) .....	.2	.3	.1	.2	(⁶)	.2
Multiple leg(s) locations	(⁶)	.1	(⁶)	.1	—	(⁶)
Leg(s), n.e.c.	(⁶)	(⁶)	—	(⁶)	—	(⁶)
Ankle(s)	3.5	3.2	(⁶)	.5	(⁶)	.6
Foot(feet), except toe(s) .....	.7	1.0	.1	.9	(⁶)	.9
Foot(feet), except toe(s), unspecified .....	.6	.8	.1	.8	(⁶)	.8
Instep(s)	(⁶)	(⁶)	—	—	—	—
Sole .....	.1	.2	(⁶)	.1	(⁶)	.1
Sole(s), unspecified	(⁶)	—	—	—	—	(⁶)
Arch(es)	—	(⁶)	—	—	—	—
Heel(s)	(⁶)	.2	—	.1	(⁶)	.1
Sole(s), n.e.c.	—	—	—	(⁶)	—	—
Multiple foot(feet) locations	—	(⁶)	—	(⁶)	—	(⁶)
Foot(feet), n.e.c.	(⁶)	(⁶)	—	(⁶)	—	(⁶)
Toe(s), toenail(s)	(⁶)	.1	.1	.3	—	.3
Multiple lower extremities locations .....	.2	.4	(⁶)	.2	(⁶)	.2
Multiple lower extremities locations, unspecified	—	(⁶)	—	—	—	—
Foot(feet) and leg(s)	(⁶)	(⁶)	—	(⁶)	—	(⁶)
Foot(feet) and ankle(s) .....	.1	.1	(⁶)	.1	(⁶)	(⁶)
Foot(feet) and toe(s)	(⁶)	(⁶)	—	(⁶)	—	(⁶)
Multiple lower extremities locations, n.e.c. ....	.1	.2	—	.1	—	.1
Lower extremities, n.e.c.	—	(⁶)	—	—	—	—
Body systems	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	1.3
Multiple body parts	1.4	5.6	.2	3.4	.7	1.9
Nonclassifiable .....	.1	.1	(⁶)	.1	(⁶)	1.2

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 which result in days away from work with or without restricted work activity.

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

⁴ 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.

⁵ Includes nonclassifiable responses.

⁶ Less than 0.1 case per 10,000 full-time workers.

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