

Table R22. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by part of body and selected natures of injury or illness, 1996

Part of body	Part of body code ³	Total cases	Nature of injury or illness ⁴						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Private industry [1,880,525 cases]		223.8	97.6	14.3	18.6	20.8	3.5	1.4	1.2
Head	0	14.8	0.1	0.5	1.9	1.8	0.3	0.9	—
Head, unspecified	00	2.4	—	—	0.5	0.9	—	—	—
Cranial region, including skull	01	1.4	—	—	0.2	0.2	—	—	—
Cranial region, unspecified	010	0.1	—	—	—	—	—	—	—
Brain	011	0.8	—	—	—	—	—	—	—
Scalp	012	0.4	—	—	0.2	0.1	—	—	—
Skull	013	0.1	—	—	—	—	—	—	—
Multiple cranial region locations	018	—	—	—	—	—	—	—	—
Cranial region, n.e.c.	019	—	—	—	—	—	—	—	—
Ear(s)	02	0.2	—	—	—	—	—	—	—
Face	03	10.5	—	0.5	1.2	0.6	0.2	0.8	—
Face, unspecified	030	0.6	—	—	0.1	0.1	0.1	—	—
Forehead	031	0.6	—	—	0.3	0.1	—	—	—
Eye(s)	032	7.9	—	—	0.4	0.2	0.1	0.7	—
Nose, nasal cavity	033	0.4	—	0.2	0.1	—	—	—	—
Nose, except internal location of diseases or disorders	0330	0.4	—	0.2	0.1	—	—	—	—
Sinuses	0334	—	—	—	—	—	—	—	—
Multiple internal nasal locations	0338	—	—	—	—	—	—	—	—
Cheek(s)	034	0.2	—	—	0.1	—	—	—	—
Jaw/chin	035	0.1	—	—	—	—	—	—	—
Mouth	036	0.4	—	0.2	0.1	—	—	—	—
Mouth, unspecified	0360	—	—	—	—	—	—	—	—
Lip(s)	0361	0.1	—	—	0.1	—	—	—	—
Tooth(teeth)	0363	0.2	—	0.2	—	—	—	—	—
Multiple mouth locations	0368	—	—	—	—	—	—	—	—
Mouth, n.e.c.	0369	—	—	—	—	—	—	—	—
Multiple face locations	038	0.4	—	—	0.1	—	—	—	—
Face, n.e.c.	039	0.1	—	—	—	—	—	—	—
Multiple head locations	08	0.2	—	—	—	—	—	—	—
Head, n.e.c.	09	—	—	—	—	—	—	—	—
Neck, including throat	1	4.1	3.2	—	—	0.1	—	—	—
Neck, except internal location of diseases or disorders	10	4.1	3.2	—	—	0.1	—	—	—
Internal neck location, unspecified	11	—	—	—	—	—	—	—	—
Vocal cord(s)	12	—	—	—	—	—	—	—	—
Trunk	2	85.2	60.4	1.8	0.3	4.2	0.1	0.1	—
Trunk, unspecified	20	0.4	0.1	—	—	0.1	—	—	—
Shoulder, including clavicle, scapula	21	11.5	7.6	0.4	—	0.7	—	—	—
Chest, including ribs, internal organs	22	3.9	1.1	0.7	0.1	1.0	—	—	—
Chest, except internal location of diseases or disorders	220	3.4	1.1	0.7	0.1	1.0	—	—	—
Internal chest location, unspecified	221	—	—	—	—	—	—	—	—
Heart	223	0.1	—	—	—	—	—	—	—
Bronchus	224	0.1	—	—	—	—	—	—	—
Lung(s), pleura	225	0.2	—	—	—	—	—	—	—
Back, including spine, spinal cord	23	58.4	47.4	0.4	0.1	1.4	—	—	—
Back, including spine, spinal cord, unspecified	230	26.4	21.6	0.2	—	0.6	—	—	—
Lumbar region	231	26.6	21.8	0.1	0.1	0.4	—	—	—
Thoracic region	232	2.2	1.8	—	—	—	—	—	—
Sacral region	233	0.5	0.4	—	—	—	—	—	—
Coccygeal region	234	0.5	—	0.1	—	0.2	—	—	—
Multiple back regions	238	2.1	1.6	—	—	—	—	—	—
Back, including spine, spinal cord, n.e.c.	239	0.2	0.1	—	—	—	—	—	—
Abdomen	24	4.9	0.8	—	—	0.1	—	—	—
Abdomen, except internal location of diseases or disorders	240	1.2	0.8	—	—	0.1	—	—	—
Internal abdominal location, unspecified	241	1.6	—	—	—	—	—	—	—
Stomach organ	242	0.1	—	—	—	—	—	—	—
Intestines, peritoneum	245	1.9	—	—	—	—	—	—	—
Intestines, peritoneum, unspecified	2450	1.5	—	—	—	—	—	—	—
Peritoneum	2451	0.1	—	—	—	—	—	—	—
Small intestine	2452	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table R22. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by part of body and selected natures of injury or illness, 1996 — Continued

Part of body	Nature of injury or illness ⁴							All other natures ⁵
	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Back pain and pain, except back		
			Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Private industry [1,880,525 cases]	3.6	2.1	7.2	1.4	2.4	15.0	6.2	38.7
Head	—	—	0.4	—	—	0.5	—	8.5
Head, unspecified	—	—	—	—	—	0.2	—	0.7
Cranial region, including skull	—	—	—	—	—	—	—	0.9
Cranial region, unspecified	—	—	—	—	—	—	—	—
Brain	—	—	—	—	—	—	—	0.8
Scalp	—	—	—	—	—	—	—	—
Skull	—	—	—	—	—	—	—	—
Multiple cranial region locations	—	—	—	—	—	—	—	—
Cranial region, n.e.c.	—	—	—	—	—	—	—	—
Ear(s)	—	—	—	—	—	—	—	0.2
Face	—	—	0.2	—	—	0.2	—	6.7
Face, unspecified	—	—	—	—	—	—	—	0.1
Forehead	—	—	—	—	—	—	—	0.1
Eye(s)	—	—	—	—	—	0.1	—	6.2
Nose, nasal cavity	—	—	—	—	—	—	—	0.1
Nose, except internal location of diseases or disorders	—	—	—	—	—	—	—	0.1
Sinuses	—	—	—	—	—	—	—	—
Multiple internal nasal locations	—	—	—	—	—	—	—	—
Cheek(s)	—	—	—	—	—	—	—	—
Jaw/chin	—	—	—	—	—	—	—	—
Mouth	—	—	—	—	—	—	—	—
Mouth, unspecified	—	—	—	—	—	—	—	—
Lip(s)	—	—	—	—	—	—	—	—
Tooth(teeth)	—	—	—	—	—	—	—	—
Multiple mouth locations	—	—	—	—	—	—	—	—
Mouth, n.e.c.	—	—	—	—	—	—	—	—
Multiple face locations	—	—	0.1	—	—	—	—	0.1
Face, n.e.c.	—	—	—	—	—	—	—	—
Multiple head locations	—	—	0.1	—	—	—	—	—
Head, n.e.c.	—	—	—	—	—	—	—	—
Neck, including throat	—	—	—	—	—	0.3	—	0.4
Neck, except internal location of diseases or disorders	—	—	—	—	—	0.3	—	0.4
Internal neck location, unspecified	—	—	—	—	—	—	—	—
Vocal cord(s)	—	—	—	—	—	—	—	—
Trunk	—	0.4	0.6	—	0.4	8.2	6.2	9.0
Trunk, unspecified	—	—	—	—	—	—	—	—
Shoulder, including clavicle, scapula	—	0.4	0.1	—	0.1	1.0	—	1.3
Chest, including ribs, internal organs	—	—	—	—	—	0.3	—	0.7
Chest, except internal location of diseases or disorders	—	—	—	—	—	0.3	—	0.2
Internal chest location, unspecified	—	—	—	—	—	—	—	—
Heart	—	—	—	—	—	—	—	0.1
Bronchus	—	—	—	—	—	—	—	0.1
Lung(s), pleura	—	—	—	—	—	—	—	0.2
Back, including spine, spinal cord	—	—	0.3	—	0.2	6.2	6.2	2.7
Back, including spine, spinal cord, unspecified	—	—	0.1	—	0.1	2.7	2.7	1.1
Lumbar region	—	—	0.1	—	0.1	3.0	3.0	1.2
Thoracic region	—	—	—	—	—	0.2	0.2	0.1
Sacral region	—	—	—	—	—	—	—	—
Coccygeal region	—	—	—	—	—	0.1	0.1	—
Multiple back regions	—	—	—	—	—	0.2	0.2	0.2
Back, including spine, spinal cord, n.e.c.	—	—	—	—	—	—	—	—
Abdomen	—	—	—	—	—	0.2	—	3.7
Abdomen, except internal location of diseases or disorders	—	—	—	—	—	0.2	—	0.1
Internal abdominal location, unspecified	—	—	—	—	—	—	—	1.6
Stomach organ	—	—	—	—	—	—	—	0.1
Intestines, peritoneum	—	—	—	—	—	—	—	1.9
Intestines, peritoneum, unspecified	—	—	—	—	—	—	—	1.5
Peritoneum	—	—	—	—	—	—	—	0.1
Small intestine	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table R22. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by part of body and selected natures of injury or illness, 1996 — Continued

Part of body	Part of body code ³	Total cases	Nature of injury or illness ⁴						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Large intestine/colon, rectum	2453	0.1	—	—	—	—	—	—	—
Intestines, n.e.c.	2459	0.1	—	—	—	—	—	—	—
Other digestive structures	246	—	—	—	—	—	—	—	—
Internal abdominal location, n.e.c.	249	—	—	—	—	—	—	—	—
Pelvic region	25	4.4	2.5	0.4	0.1	0.8	—	—	—
Pelvic region, unspecified	250	0.1	—	—	—	—	—	—	—
Hip(s)	251	1.6	0.6	0.2	—	0.4	—	—	—
Pelvis	252	0.2	—	0.1	—	—	—	—	—
Buttock(s)	253	0.3	—	—	—	0.2	—	—	—
Groin	254	2.1	1.8	—	—	0.1	—	—	—
External reproductive tract structures	255	0.1	—	—	—	—	—	—	—
External reproductive tract structures, unspecified	2550	—	—	—	—	—	—	—	—
Scrotum	2551	—	—	—	—	—	—	—	—
Penis	2552	—	—	—	—	—	—	—	—
External female genital region	2553	—	—	—	—	—	—	—	—
Internal reproductive tract structures	256	—	—	—	—	—	—	—	—
Testis(testes)	2562	—	—	—	—	—	—	—	—
Uterus	2564	—	—	—	—	—	—	—	—
Multiple pelvic region locations	258	—	—	—	—	—	—	—	—
Pelvic region, n.e.c.	259	—	—	—	—	—	—	—	—
Multiple trunk locations	28	1.6	0.8	—	—	0.2	—	—	—
Trunk, n.e.c.	29	—	—	—	—	—	—	—	—
Upper extremities	3	50.7	8.3	5.6	13.5	4.2	1.9	0.2	1.2
Upper extremities, unspecified	30	0.1	—	—	—	—	—	—	—
Arm(s)	31	9.5	2.6	1.2	1.1	1.4	0.5	0.1	—
Arm(s), unspecified	310	3.7	1.2	0.5	0.5	0.3	0.2	—	—
Upper arm(s)	311	0.5	0.2	0.1	—	—	—	—	—
Elbow(s)	312	3.2	0.8	0.4	0.1	0.7	—	—	—
Forearm(s)	313	1.6	0.3	0.2	0.4	0.2	0.2	—	—
Multiple arm(s) locations	318	0.3	0.1	—	—	—	—	—	—
Arm(s), n.e.c.	319	0.1	—	—	—	—	—	—	—
Wrist(s)	32	11.3	3.4	1.4	0.5	0.4	—	—	—
Hand(s), except finger(s)	33	9.0	0.8	0.7	3.0	1.3	0.9	0.1	—
Finger(s), fingernail(s)	34	18.2	1.0	2.2	8.7	1.0	0.2	—	1.2
Multiple upper extremities locations	38	2.5	0.5	0.1	0.2	0.2	0.3	—	—
Multiple upper extremities locations, unspecified	380	—	—	—	—	—	—	—	—
Hand(s) and finger(s)	381	0.6	—	—	0.1	—	0.1	—	—
Hand(s) and wrist(s)	382	0.6	0.2	—	—	—	0.1	—	—
Hand(s) and arm(s)	383	0.4	—	—	—	—	0.1	—	—
Multiple upper extremities locations, n.e.c.	389	0.9	0.3	—	—	—	—	—	—
Upper extremities, n.e.c.	39	—	—	—	—	—	—	—	—
Lower extremities	4	44.7	19.3	6.0	2.7	7.9	0.7	0.1	—
Lower extremities, unspecified	40	—	—	—	—	—	—	—	—
Leg(s)	41	21.9	10.0	1.2	1.5	4.0	0.2	—	—
Leg(s), unspecified	410	3.4	1.0	0.4	0.5	0.8	0.1	—	—
Thigh(s)	411	0.9	0.3	0.1	0.2	0.2	0.1	—	—
Knee(s)	412	15.2	8.3	0.4	0.5	2.7	—	—	—
Lower leg(s)	413	1.5	0.3	0.2	0.2	0.3	—	—	—
Multiple leg(s) locations	418	0.6	0.1	—	—	—	—	—	—
Leg(s), n.e.c.	419	0.2	—	—	—	—	—	—	—
Ankle(s)	42	10.3	7.5	1.6	0.1	0.5	—	—	—
Foot(foot), except toe(s)	43	8.1	1.2	1.8	1.0	2.3	0.3	0.1	—
Foot(foot), except toe(s), unspecified	430	7.4	1.2	1.6	0.8	2.1	0.3	0.1	—
Instep(s)	431	—	—	—	—	—	—	—	—
Sole	432	0.6	—	0.1	0.1	0.1	—	—	—
Sole(s), unspecified	4320	0.1	—	—	0.1	—	—	—	—
Arch(es)	4322	—	—	—	—	—	—	—	—
Heel(s)	4323	0.4	—	0.1	—	0.1	—	—	—
Multiple foot(foot) locations	438	—	—	—	—	—	—	—	—
Foot(foot), n.e.c.	439	0.2	—	—	—	—	—	—	—
Toe(s), toenail(s)	44	2.8	0.1	1.3	0.1	0.7	—	—	—
Multiple lower extremities locations	48	1.5	0.4	0.1	—	0.4	—	—	—
Multiple lower extremities locations, unspecified	480	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table R22. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by part of body and selected natures of injury or illness, 1996 — Continued

Part of body	Nature of injury or illness ⁴							All other natures ⁵
	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Back pain and pain, except back		
			Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Large intestine/colon, rectum	-	-	-	-	-	-	-	0.1
Intestines, n.e.c.	-	-	-	-	-	-	-	0.1
Other digestive structures	-	-	-	-	-	-	-	-
Internal abdominal location, n.e.c.	-	-	-	-	-	-	-	-
Pelvic region	-	-	-	-	-	0.4	-	0.3
Pelvic region, unspecified	-	-	-	-	-	-	-	-
Hip(s)	-	-	-	-	-	0.1	-	0.2
Pelvis	-	-	-	-	-	-	-	-
Buttock(s)	-	-	-	-	-	-	-	-
Groin	-	-	-	-	-	0.2	-	0.1
External reproductive tract structures	-	-	-	-	-	-	-	-
External reproductive tract structures, unspecified	-	-	-	-	-	-	-	-
Scrotum	-	-	-	-	-	-	-	-
Penis	-	-	-	-	-	-	-	-
External female genital region	-	-	-	-	-	-	-	-
Internal reproductive tract structures	-	-	-	-	-	-	-	-
Testis(testes)	-	-	-	-	-	-	-	-
Uterus	-	-	-	-	-	-	-	-
Multiple pelvic region locations	-	-	-	-	-	-	-	-
Pelvic region, n.e.c.	-	-	-	-	-	-	-	-
Multiple trunk locations	-	-	0.1	-	0.1	0.2	-	0.2
Trunk, n.e.c.	-	-	-	-	-	-	-	-
Upper extremities	3.6	1.5	1.2	0.4	0.2	2.2	-	7.3
Upper extremities, unspecified	-	-	-	-	-	-	-	-
Arm(s)	-	0.5	0.2	-	-	0.6	-	1.4
Arm(s), unspecified	-	0.1	-	-	-	0.2	-	0.5
Upper arm(s)	-	-	-	-	-	-	-	0.1
Elbow(s)	-	0.2	0.1	-	-	0.3	-	0.6
Forearm(s)	-	0.1	-	-	-	-	-	0.2
Multiple arm(s) locations	-	-	-	-	-	-	-	0.1
Arm(s), n.e.c.	-	-	-	-	-	-	-	-
Wrist(s)	3.6	0.6	0.1	-	-	0.5	-	0.8
Hand(s), except finger(s)	-	0.2	0.2	-	-	0.4	-	1.4
Finger(s), fingernail(s)	-	0.1	0.5	0.2	-	0.3	-	2.9
Multiple upper extremities locations	-	0.2	0.2	0.1	0.1	0.3	-	0.6
Multiple upper extremities locations, unspecified	-	-	-	-	-	-	-	-
Hand(s) and finger(s)	-	-	0.1	-	-	-	-	0.1
Hand(s) and wrist(s)	-	-	0.1	0.1	-	0.1	-	0.1
Hand(s) and arm(s)	-	-	-	-	-	0.1	-	0.1
Multiple upper extremities locations, n.e.c.	-	0.1	0.1	-	-	0.1	-	0.2
Upper extremities, n.e.c.	-	-	-	-	-	-	-	-
Lower extremities	-	0.1	1.4	0.2	0.5	2.0	-	4.5
Lower extremities, unspecified	-	-	-	-	-	-	-	-
Leg(s)	-	0.1	0.8	-	0.2	1.3	-	2.6
Leg(s), unspecified	-	-	0.1	-	-	0.2	-	0.4
Thigh(s)	-	-	-	-	-	-	-	-
Knee(s)	-	-	0.3	-	0.2	0.9	-	1.9
Lower leg(s)	-	-	-	-	-	0.1	-	0.2
Multiple leg(s) locations	-	-	0.4	-	-	-	-	0.1
Leg(s), n.e.c.	-	-	-	-	-	-	-	-
Ankle(s)	-	-	0.1	-	-	0.2	-	0.4
Foot(feet), except toe(s)	-	-	0.2	-	0.1	0.3	-	0.9
Foot(feet), except toe(s), unspecified	-	-	0.2	-	-	0.3	-	0.8
Instep(s)	-	-	-	-	-	-	-	-
Sole	-	-	-	-	-	-	-	-
Sole(s), unspecified	-	-	-	-	-	-	-	-
Arch(es)	-	-	-	-	-	-	-	-
Heel(s)	-	-	-	-	-	-	-	-
Multiple foot(feet) locations	-	-	-	-	-	-	-	-
Foot(feet), n.e.c.	-	-	-	-	-	-	-	-
Toe(s), toenail(s)	-	-	0.1	-	-	0.1	-	0.4
Multiple lower extremities locations	-	-	0.2	-	0.1	0.1	-	0.1
Multiple lower extremities locations, unspecified	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table R22. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by part of body and selected natures of injury or illness, 1996 — Continued

Part of body	Part of body code ³	Total cases	Nature of injury or illness ⁴						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Foot(feet) and leg(s)	481	0.2	—	—	—	—	—	—	—
Foot(feet) and ankle(s)	482	0.6	0.2	—	—	0.2	—	—	—
Foot(feet) and toe(s)	483	0.2	—	—	—	—	—	—	—
Multiple lower extremities locations, n.e.c.	489	0.6	0.2	—	—	0.1	—	—	—
Lower extremities, n.e.c.	49	—	—	—	—	—	—	—	—
Body systems	5	3.2	—	—	—	—	—	—	—
Multiple body parts	8	19.2	6.1	0.3	0.2	2.6	0.5	0.1	—
Other body parts	9	—	—	—	—	—	—	—	—
Other body parts, n.e.c.	98	—	—	—	—	—	—	—	—
Nonclassifiable	9999	2.0	0.2	—	—	—	—	—	—

See footnotes at end of table.

Table R22. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by part of body and selected natures of injury or illness, 1996 — Continued

Part of body	Nature of injury or illness ⁴							
	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Back pain and pain, except back		All other natures ⁵
			Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Foot(feet) and leg(s)	-	-	-	-	-	-	-	-
Foot(feet) and ankle(s)	-	-	0.1	-	0.1	-	-	-
Foot(feet) and toe(s)	-	-	-	-	-	-	-	-
Multiple lower extremities locations, n.e.c.	-	-	0.1	-	0.1	0.1	-	0.1
Lower extremities, n.e.c.	-	-	-	-	-	-	-	-
Body systems	-	-	-	-	-	-	-	3.2
Multiple body parts	-	0.1	3.5	0.7	1.3	1.6	-	4.2
Other body parts	-	-	-	-	-	-	-	-
Other body parts, n.e.c.	-	-	-	-	-	-	-	-
Nonclassifiable	-	-	-	-	-	-	-	1.6

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 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 Nature codes: Sprains, strains = 021; Fractures = 012; Cuts, punctures = 034, 037; Bruises =

043; Heat burns = 053; Chemical burns = 051; Amputations = 031; Carpal tunnel syndrome = 1241; Tendonitis = 1733; Multiple traumatic injuries and illnesses, Total = 080-089; With fractures, burns, and other injuries = 083, 084; With sprains and bruises = 082; Back pain and pain, except back, Total = 0972, 0973; Back pain, hurt back only = 0972; All other natures = 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.

NOTE: Dashes indicate data that are not available.
n.e.c. = not elsewhere classified.

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