

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Private industry		1,436,194	617,186	99,171	128,061	126,986	21,468	8,256	8,793
Contact with objects and equipment	0	380,517	42,446	40,547	116,711	67,289	-	-	8,363
Contact with objects and equipment, unspecified	00	3,522	319	323	1,560	337	-	-	-
Struck against object	01	99,916	17,964	7,742	36,815	18,655	-	-	916
Struck against stationary object	010	6,710	573	675	3,311	1,059	-	-	-
Struck against moving object	011	13,100	7,156	1,713	2,854	289	-	-	-
Struck against object, n.e.c.	012	61,762	8,330	4,278	21,505	14,642	-	-	270
Struck by object	013	10,015	1,050	561	4,735	1,233	-	-	595
Struck by object, unspecified	019	8,328	855	514	4,410	1,433	-	-	-
Struck by falling object	02	191,607	17,349	22,714	62,452	39,183	-	-	1,401
Struck by flying object	020	6,475	501	650	1,845	1,438	-	-	81
Struck by flying object, unspecified	021	66,080	7,976	11,524	8,065	19,321	-	-	185
Struck by dislodged flying object, particle	022	19,761	581	1,404	8,168	1,783	-	-	-
Struck by discharged object or substance	0220	1,737	136	89	425	161	-	-	-
Struck by flying object, n.e.c.	0221	8,704	142	596	3,043	904	-	-	-
Struck by swinging or slipping object	0222	5,828	50	356	4,068	233	-	-	-
Struck by swinging or slipping object, unspecified	0229	3,493	252	363	632	485	-	-	-
Struck by rolling, sliding objects on floor or ground level	023	64,160	3,326	5,550	34,754	8,483	-	-	842
Struck by or slammed in swinging door or gate	0230	835	100	89	200	118	-	-	-
Struck by slipping handheld object	0231	10,740	936	1,940	1,388	2,850	-	-	166
Struck by swinging or slipping object, n.e.c.	0232	47,257	1,757	3,053	31,745	4,241	-	-	543
Struck by rolling, sliding objects on floor or ground level	0239	5,327	533	468	1,420	1,274	-	-	131
Struck by object, n.e.c.	024	4,410	580	802	221	1,973	-	-	-
Caught in or compressed by equipment or objects	029	30,721	4,386	2,784	9,399	6,185	-	-	256
Caught in or compressed by equipment or objects, unspecified	03	62,575	4,496	9,541	15,346	8,368	-	-	6,009
Caught in running equipment or machinery	030	5,100	659	924	795	985	-	-	278
Compressed or pinched by rolling, sliding, or shifting objects	031	24,695	500	2,685	9,527	1,485	-	-	3,995
Caught in or compressed by equipment or objects, n.e.c.	032	9,657	904	1,545	1,146	2,023	-	-	476
Caught in or crushed in collapsing materials	039	23,123	2,434	4,387	3,878	3,875	-	-	1,261
Caught in or crushed in collapsing materials, unspecified	04	482	181	98	16	79	-	-	-
Excavation or trenching cave-in	040	48	-	17	16	-	-	-	-
Caught in or crushed in collapsing structure	041	106	38	-	-	-	-	-	-
Caught in or crushed in collapsing materials, n.e.c.	044	228	134	-	-	-	-	-	-
	049	72	-	-	-	20	-	-	-

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Nature of injury or illness ³							
	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Back pain and pain, except back		All other natures ⁴
			Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Private industry	22,650	9,275	52,496	12,137	20,411	116,956	46,504	224,896
Contact with objects and equipment	38	457	17,281	4,917	5,238	15,982	1,531	71,404
Contact with objects and equipment, unspecified	—	—	145	—	123	272	40	533
Struck against object	—	120	3,086	509	1,494	4,554	255	10,039
Struck against object, unspecified ..	—	—	163	17	63	249	—	652
Stepped on object	—	—	161	—	120	528	—	400
Struck against stationary object	—	93	2,255	337	1,119	3,056	132	7,312
Struck against moving object	—	—	421	122	156	326	63	1,094
Struck against object, n.e.c.	—	—	87	—	37	395	—	581
Struck by object	—	300	9,804	2,553	2,968	8,449	880	29,945
Struck by object, unspecified	—	—	335	49	86	314	78	1,310
Struck by falling object	—	58	4,618	1,244	1,629	4,268	468	10,062
Struck by flying object	—	—	835	327	78	425	—	6,541
Struck by flying object, unspecified	—	—	132	39	—	42	—	749
Struck by dislodged flying object, particle	—	—	388	152	46	228	—	3,404
Struck by discharged object or substance	—	—	116	—	—	78	—	924
Struck by flying object, n.e.c.	—	—	198	114	—	78	—	1,464
Struck by swinging or slipping object	—	50	2,347	630	614	2,059	174	6,745
Struck by swinging or slipping object, unspecified	—	—	44	—	—	96	—	187
Struck by or slammed in swinging door or gate	—	43	569	200	150	753	84	2,095
Struck by slipping handheld object	—	—	1,144	225	311	992	—	3,773
Struck by swinging or slipping object, n.e.c.	—	—	591	204	148	218	66	690
Struck by rolling, sliding objects on floor or ground level	—	—	193	38	83	220	43	409
Struck by object, n.e.c.	—	192	1,477	265	478	1,163	101	4,879
Caught in or compressed by equipment or objects	—	—	3,921	1,842	587	1,669	—	13,209
Caught in or compressed by equipment or objects, unspecified	—	—	298	88	61	352	—	810
Caught in running equipment or machinery	—	—	1,687	831	172	313	—	4,492
Compressed or pinched by rolling, sliding, or shifting objects	—	—	733	399	147	409	—	2,422
Caught in or compressed by equipment or objects, n.e.c.	—	—	1,203	524	207	595	—	5,485
Caught in or crushed in collapsing materials	—	—	—	—	—	—	—	66
Caught in or crushed in collapsing materials, unspecified	—	—	—	—	—	—	—	—
Excavation or trenching cave-in	—	—	—	—	—	—	—	—
Caught in or crushed in collapsing structure	—	—	18	—	—	—	—	38
Caught in or crushed in collapsing materials, n.e.c.	—	—	—	—	—	—	—	19

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Rubbed or abraded by friction or pressure	05	18,377	371	—	75	551	—	—	—
Rubbed or abraded by friction or pressure, unspecified	050	85	—	—	—	—	—	—	—
Rubbed or abraded by kneeling on surface	051	1,020	272	—	—	279	—	—	—
Rubbed or abraded by objects being handled	052	409	—	—	55	—	—	—	—
Rubbed or abraded by foreign matter in eye	053	16,158	—	—	—	143	—	—	—
Rubbed or abraded by friction or pressure, n.e.c.	059	705	57	—	—	94	—	—	—
Rubbed, abraded, or jarred by vibration	06	2,276	1,308	—	—	—	—	—	—
Rubbed, abraded, or jarred by vibration, unspecified	060	205	80	—	—	—	—	—	—
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration	061	1,345	753	—	—	17	—	—	—
Rubbed, abraded, or jarred by other machine or equipment vibration	062	568	345	—	—	—	—	—	—
Rubbed, abraded, or jarred by vibration, n.e.c.	069	158	131	—	—	—	—	—	—
Contact with objects and equipment, n.e.c.	09	1,763	456	123	446	82	—	—	—
Falls	1	272,988	94,211	47,300	7,109	46,601	—	—	44
Fall, unspecified	10	2,280	831	434	58	336	—	—	—
Fall to lower level	11	86,946	28,255	18,344	2,003	12,221	—	—	—
Fall to lower level, unspecified	110	752	249	88	—	148	—	—	—
Fall down stairs or steps	111	20,507	7,345	3,342	489	3,155	—	—	—
Fall from floor, dock, or ground level	112	4,586	1,615	646	173	694	—	—	19
Fall from floor, dock, or ground level, unspecified	1120	1,041	643	139	—	167	—	—	19
Fall through existing floor opening	1121	513	90	89	—	73	—	—	—
Fall through floor surface	1122	600	85	41	—	—	—	—	—
Fall from loading dock	1123	924	282	151	17	236	—	—	—
Fall from ground level to lower level	1124	1,108	417	137	62	130	—	—	—
Fall from floor, dock, or ground level, n.e.c.	1129	401	98	89	—	66	—	—	—
Fall from ladder	113	24,086	7,028	6,034	452	3,277	—	—	—
Fall from piled or stacked material	114	403	215	46	46	39	—	—	—
Fall from roof	115	3,452	979	883	46	494	—	—	—
Fall from roof, unspecified	1150	1,201	458	234	—	164	—	—	—
Fall through existing roof opening	1151	399	284	—	—	52	—	—	—
Fall through roof surface	1152	571	99	54	16	164	—	—	—
Fall through skylight	1153	82	—	52	—	—	—	—	—
Fall from roof edge	1154	954	104	423	—	91	—	—	—
Fall from roof, n.e.c.	1159	246	—	99	—	19	—	—	—
Fall from scaffold, staging	116	3,853	902	898	151	424	—	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Nature of injury or illness ³							All other natures ⁴
	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	
Rubbed or abraded by friction or pressure	-	-	171	-	-	267	-	16,942
Rubbed or abraded by friction or pressure, unspecified	-	-	-	-	-	-	-	56
Rubbed or abraded by kneeling on surface	-	-	-	-	-	188	-	247
Rubbed or abraded by objects being handled	-	-	116	-	-	-	-	182
Rubbed or abraded by foreign matter in eye	-	-	-	-	-	-	-	15,949
Rubbed or abraded by friction or pressure, n.e.c.	-	-	-	-	-	42	-	508
Rubbed, abraded, or jarred by vibration	-	20	37	-	-	583	314	282
Rubbed, abraded, or jarred by vibration, unspecified	-	-	-	-	-	-	-	102
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration	-	-	-	-	-	411	239	119
Rubbed, abraded, or jarred by other machine or equipment vibration	-	-	-	-	-	153	60	38
Rubbed, abraded, or jarred by vibration, n.e.c.	-	-	-	-	-	-	-	-
Contact with objects and equipment, n.e.c.	-	-	82	-	-	184	-	387
Falls	-	140	24,293	4,926	11,611	23,232	6,512	30,047
Fall, unspecified	-	-	99	-	50	322	-	200
Fall to lower level	-	-	9,603	2,251	4,136	6,699	2,000	9,782
Fall to lower level, unspecified	-	-	102	-	66	89	77	65
Fall down stairs or steps	-	-	2,283	297	1,332	1,807	520	2,071
Fall from floor, dock, or ground level	-	-	651	104	373	270	157	518
Fall from floor, dock, or ground level, unspecified	-	-	-	-	-	-	-	36
Fall through existing floor opening	-	-	63	-	-	-	-	147
Fall through floor surface	-	-	310	-	304	-	-	112
Fall from loading dock	-	-	115	20	17	37	-	88
Fall from ground level to lower level	-	-	119	58	-	154	134	88
Fall from floor, dock, or ground level, n.e.c.	-	-	45	-	-	-	-	47
Fall from ladder	-	-	2,820	764	850	1,865	438	2,605
Fall from piled or stacked material	-	-	-	-	-	-	-	18
Fall from roof	-	-	423	231	92	200	116	427
Fall from roof, unspecified	-	-	101	-	48	59	-	174
Fall through existing roof opening	-	-	20	-	-	-	-	-
Fall through roof surface	-	-	49	-	-	118	79	70
Fall through skylight	-	-	-	-	-	-	-	-
Fall from roof edge	-	-	163	121	-	18	-	142
Fall from roof, n.e.c.	-	-	67	47	-	-	-	19
Fall from scaffold, staging	-	-	435	174	98	205	111	839

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Fall from building girders or other structural steel	117	448	64	232	—	53	—	—	—
Fall from nonmoving vehicle	118	15,642	5,987	3,273	262	1,972	—	—	—
Fall to lower level, n.e.c.	119	13,217	3,872	2,902	361	1,966	—	—	—
Jump to lower level	12	6,739	3,823	1,292	77	336	—	—	—
Jump to lower level, unspecified	120	551	422	—	—	—	—	—	—
Jump from scaffold, platform, loading dock	121	623	234	186	51	—	—	—	—
Jump from structure, structural element, n.e.c.	122	603	367	108	—	—	—	—	—
Jump from nonmoving vehicle	123	2,831	1,456	632	—	169	—	—	—
Jump to lower level, n.e.c.	129	2,130	1,344	337	—	107	—	—	—
Fall on same level	13	176,019	60,880	27,150	4,954	33,651	—	—	18
Fall on same level, unspecified	130	2,686	1,026	406	63	577	—	—	—
Fall to floor, walkway, or other surface	131	151,453	54,647	23,751	2,273	27,628	—	—	—
Fall onto or against objects	132	21,021	4,813	2,820	2,565	5,364	—	—	18
Fall on same level, n.e.c.	139	858	395	173	53	83	—	—	—
Fall, n.e.c.	19	1,004	421	80	17	57	—	—	—
Bodily reaction and exertion	2	618,215	450,188	2,705	38	121	—	—	—
Bodily reaction and exertion, unspecified	20	4,204	2,491	—	—	—	—	—	—
Bodily reaction	21	165,176	132,238	2,091	—	54	—	—	—
Bodily reaction, unspecified	210	7,012	4,778	49	—	—	—	—	—
Bending, climbing, crawling, reaching, twisting	211	69,218	56,392	297	—	—	—	—	—
Sudden reaction when surprised, frightened, startled	212	1,827	1,525	—	—	—	—	—	—
Running—without other incident	213	1,617	1,381	—	—	—	—	—	—
Sitting	214	950	469	—	—	—	—	—	—
Slip, trip, loss of balance—without fall	215	48,140	40,246	969	—	—	—	—	—
Standing	216	1,934	1,094	—	—	—	—	—	—
Walking—without other incident	217	6,690	4,959	120	—	—	—	—	—
Bodily reaction, n.e.c.	219	27,787	21,394	618	—	18	—	—	—
Overexertion	22	381,048	300,068	576	—	48	—	—	—
Overexertion, unspecified	220	28,457	21,531	67	—	—	—	—	—
Overexertion in lifting	221	208,260	164,231	186	—	—	—	—	—
Overexertion in pulling or pushing objects	222	65,761	52,780	116	—	—	—	—	—
Overexertion in holding, carrying, turning, or welding objects	223	58,712	45,724	108	—	17	—	—	—
Overexertion in throwing objects	224	2,380	1,908	—	—	—	—	—	—
Overexertion, n.e.c.	229	17,479	13,894	99	—	—	—	—	—
Repetitive motion	23	58,576	13,326	—	—	19	—	—	—
Repetitive motion, unspecified	230	15,889	3,108	—	—	—	—	—	—
Typing or key entry	231	10,750	1,208	—	—	—	—	—	—
Repetitive use of tools	232	7,949	2,176	—	—	—	—	—	—
Repetitive placing, grasping, or moving objects, except tools	233	18,006	5,362	—	—	—	—	—	—
Repetitive motion, n.e.c.	239	5,982	1,471	—	—	—	—	—	—
Sustained viewing	24	90	64	—	—	—	—	—	—
Bodily conditions, n.e.c.	25	4,652	101	—	—	—	—	—	—
Bodily reaction and exertion, n.e.c.	29	4,469	1,899	—	—	—	—	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Nature of injury or illness ³							
	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Back pain and pain, except back		All other natures ⁴
			Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Fall from building girders or other structural steel	—	—	77	55	—	—	—	—
Fall from nonmoving vehicle	—	—	1,328	276	695	1,200	315	1,620
Fall to lower level, n.e.c.	—	—	1,469	317	626	1,040	249	1,606
Jump to lower level	—	—	168	45	115	466	214	572
Jump to lower level, unspecified	—	—	—	—	—	46	—	—
Jump from scaffold, platform, loading dock	—	—	—	—	—	59	58	60
Jump from structure, structural element, n.e.c.	—	—	—	—	—	56	—	67
Jump from nonmoving vehicle	—	—	56	—	—	161	48	331
Jump to lower level, n.e.c.	—	—	106	—	94	144	88	90
Fall on same level	—	132	14,205	2,604	7,295	15,642	4,205	19,385
Fall on same level, unspecified	—	—	138	—	92	119	59	356
Fall to floor, walkway, or other surface	—	69	12,213	2,296	6,592	14,091	3,842	16,782
Fall onto or against objects	—	62	1,809	283	583	1,384	295	2,186
Fall on same level, n.e.c.	—	—	44	—	—	48	—	62
Fall, n.e.c.	—	—	218	17	—	103	61	109
Bodily reaction and exertion	22,583	8,555	259	72	69	68,233	35,245	65,534
Bodily reaction and exertion, unspecified	—	73	—	—	—	534	275	1,079
Bodily reaction	79	558	90	46	41	18,280	9,087	11,779
Bodily reaction, unspecified	—	56	—	—	—	1,167	689	962
Bending, climbing, crawling, reaching, twisting	79	302	—	—	—	8,362	5,360	3,779
Sudden reaction when surprised, frightened, startled	—	—	—	—	—	136	76	164
Running—without other incident	—	—	—	—	—	203	118	19
Sitting	—	—	—	—	—	277	120	203
Slip, trip, loss of balance—without fall	—	—	18	—	—	4,050	1,382	2,809
Standing	—	—	—	—	—	378	65	411
Walking—without other incident	—	63	—	—	—	850	193	696
Bodily reaction, n.e.c.	—	93	72	—	—	2,856	1,087	2,736
Overexertion	—	1,916	112	—	—	41,950	24,770	36,321
Overexertion, unspecified	—	158	—	—	—	3,752	2,381	2,926
Overexertion in lifting	18	766	54	—	—	21,632	14,662	21,368
Overexertion in pulling or pushing objects	—	566	16	—	—	6,410	2,903	5,831
Overexertion in holding, carrying, turning, or welding objects	—	366	—	—	—	8,244	4,055	4,221
Overexertion in throwing objects	—	—	—	—	—	264	48	193
Overexertion, n.e.c.	—	48	—	—	—	1,649	721	1,782
Repetitive motion	22,478	5,887	57	—	—	6,575	823	10,225
Repetitive motion, unspecified	6,300	1,664	—	—	—	2,088	187	2,727
Typing or key entry	5,670	847	—	—	—	989	—	2,037
Repetitive use of tools	3,046	802	—	—	—	622	174	1,303
Repetitive placing, grasping, or moving objects, except tools	5,670	1,809	—	—	—	2,201	273	2,939
Repetitive motion, n.e.c.	1,792	765	56	—	—	674	180	1,219
Sustained viewing	—	—	—	—	—	—	—	—
Bodily conditions, n.e.c.	—	19	—	—	—	103	—	4,428
Bodily reaction and exertion, n.e.c.	—	103	—	—	—	791	263	1,676

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Exposure to harmful substances or environments	3	60,044	—	—	215	—	20,055	8,218	—
Exposure to harmful substances or environments, unspecified	30	311	—	—	—	—	—	—	—
Contact with electric current	31	2,967	—	—	—	—	—	—	—
Contact with electric current, unspecified	310	342	—	—	—	—	—	—	—
Contact with electric current of machine, tool, appliance, or light fixture	311	772	—	—	—	—	—	—	—
Contact with wiring, transformers, or other electrical components	312	1,077	—	—	—	—	—	—	—
Contact with overhead power lines	313	66	—	—	—	—	—	—	—
Struck by lightning	315	65	—	—	—	—	—	—	—
Contact with electric current, n.e.c.	319	634	—	—	—	—	—	—	—
Contact with temperature extremes ..	32	23,131	—	—	—	—	20,055	—	—
Contact with temperature extremes, unspecified	320	20	—	—	—	—	—	—	—
Exposure to environmental heat	321	2,666	—	—	—	—	—	—	—
Exposure to environmental cold	322	283	—	—	—	—	—	—	—
Contact with hot objects or substances	323	20,083	—	—	—	—	20,055	—	—
Contact with cold objects or substances	324	79	—	—	—	—	—	—	—
Exposure to air pressure changes	33	503	—	—	—	—	—	—	—
Pressure changes in airplane, other aircraft	332	475	—	—	—	—	—	—	—
Exposure to air pressure change, n.e.c.	339	19	—	—	—	—	—	—	—
Exposure to caustic, noxious, or allergenic substances	34	28,751	—	—	215	—	—	8,218	—
Exposure to caustic, noxious, or allergenic substances, unspecified	340	3,604	—	—	—	—	—	447	—
Inhalation of substance	341	5,907	—	—	—	—	—	—	—
Inhalation of substance, unspecified	3410	2,511	—	—	—	—	—	—	—
Inhalation in enclosed, restricted, or confined space	3411	923	—	—	—	—	—	—	—
Inhalation in open or nonconfined space	3412	2,472	—	—	—	—	—	—	—
Contact with skin or other exposed tissue	342	12,993	—	—	—	—	—	7,148	—
Injections, stings, venomous bites	343	3,967	—	—	215	—	—	—	—
Injections, stings, venomous bites, unspecified	3430	425	—	—	—	—	—	—	—
Needle sticks	3431	259	—	—	215	—	—	—	—
Bee, wasp, hornet sting	3432	1,785	—	—	—	—	—	—	—
Other stings or venomous bites	3433	772	—	—	—	—	—	—	—
Injections, stings, venomous bites, n.e.c.	3439	726	—	—	—	—	—	—	—
Ingestion of substance	344	364	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Nature of injury or illness ³							All other natures ⁴
	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	
Exposure to harmful substances or environments	-	-	-	-	-	214	38	31,333
Exposure to harmful substances or environments, unspecified	-	-	-	-	-	-	-	311
Contact with electric current	-	-	-	-	-	-	-	2,967
Contact with electric current, unspecified	-	-	-	-	-	-	-	342
Contact with electric current of machine, tool, appliance, or light fixture	-	-	-	-	-	-	-	772
Contact with wiring, transformers, or other electrical components	-	-	-	-	-	-	-	1,077
Contact with overhead power lines	-	-	-	-	-	-	-	66
Struck by lightning	-	-	-	-	-	-	-	65
Contact with electric current, n.e.c.	-	-	-	-	-	-	-	634
Contact with temperature extremes	-	-	-	-	-	-	-	3,037
Contact with temperature extremes, unspecified	-	-	-	-	-	-	-	-
Exposure to environmental heat	-	-	-	-	-	-	-	2,664
Exposure to environmental cold	-	-	-	-	-	-	-	258
Contact with hot objects or substances	-	-	-	-	-	-	-	-
Contact with cold objects or substances	-	-	-	-	-	-	-	79
Exposure to air pressure changes	-	-	-	-	-	63	-	440
Pressure changes in airplane, other aircraft	-	-	-	-	-	62	-	414
Exposure to air pressure change, n.e.c.	-	-	-	-	-	-	-	19
Exposure to caustic, noxious, or allergenic substances	-	-	-	-	-	88	-	20,230
Exposure to caustic, noxious, or allergenic substances, unspecified	-	-	-	-	-	-	-	3,153
Inhalation of substance	-	-	-	-	-	-	-	5,900
Inhalation of substance, unspecified	-	-	-	-	-	-	-	2,511
Inhalation in enclosed, restricted, or confined space	-	-	-	-	-	-	-	923
Inhalation in open or nonconfined space	-	-	-	-	-	-	-	2,465
Contact with skin or other exposed tissue	-	-	-	-	-	76	-	5,768
Injections, stings, venomous bites	-	-	-	-	-	-	-	3,748
Injections, stings, venomous bites, unspecified	-	-	-	-	-	-	-	424
Needle sticks	-	-	-	-	-	-	-	41
Bee, wasp, hornet sting	-	-	-	-	-	-	-	1,785
Other stings or venomous bites	-	-	-	-	-	-	-	772
Injections, stings, venomous bites, n.e.c.	-	-	-	-	-	-	-	726
Ingestion of substance	-	-	-	-	-	-	-	358

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Exposure to caustic, noxious, or allergenic substances, n.e.c.	349	1,917	—	—	—	—	—	614	—
Exposure to noise	35	300	—	—	—	—	—	—	—
Exposure to noise, unspecified	350	54	—	—	—	—	—	—	—
Exposure to noise over time	351	20	—	—	—	—	—	—	—
Exposure to noise in single incident	352	226	—	—	—	—	—	—	—
Exposure to radiation	36	2,289	—	—	—	—	—	—	—
Exposure to sun	361	18	—	—	—	—	—	—	—
Exposure to welding light	362	2,159	—	—	—	—	—	—	—
Exposure to radiation, n.e.c.	369	112	—	—	—	—	—	—	—
Exposure to traumatic or stressful event, n.e.c.	37	1,601	—	—	—	—	—	—	—
Exposure to harmful substances or environments, n.e.c.	39	177	—	—	—	—	—	—	—
Transportation incidents	4	62,956	21,309	6,828	1,726	8,152	—	—	359
Transportation incident, unspecified ..	40	1,865	624	119	49	93	—	—	—
Highway incident	41	39,149	16,158	2,665	832	3,716	—	—	—
Highway incident, unspecified	410	2,909	1,145	222	—	269	—	—	—
Collision between vehicles, mobile equipment	411	28,540	12,750	1,309	361	2,637	—	—	—
Collision between vehicles, mobile equipment, unspecified	4110	7,507	3,467	244	184	673	—	—	—
Re-entrant collision	4111	149	49	16	—	20	—	—	—
Moving in same direction	4112	7,221	4,120	245	53	789	—	—	—
Moving in opposite directions, oncoming	4113	2,163	372	233	—	196	—	—	—
Moving in intersection	4114	5,006	1,590	341	84	363	—	—	—
Moving and standing vehicle, mobile equipment— in roadway	4115	4,701	2,658	98	—	117	—	—	—
Moving and standing vehicle, mobile equipment—side of road	4116	375	153	—	—	17	—	—	—
Collision between vehicles, mobile equipment, n.e.c.	4119	1,418	341	100	—	463	—	—	—
Vehicle struck stationary object or equipment in roadway	412	448	106	—	—	—	—	—	—
Vehicle struck stationary object, equipment on side of road	413	1,669	483	285	106	161	—	—	—
Noncollision incident	414	5,482	1,638	826	310	617	—	—	—
Noncollision incident, unspecified	4140	124	—	—	20	—	—	—	—
Jack-knifed or overturned—no collision	4141	2,964	717	387	229	445	—	—	—
Ran off highway—no collision	4142	989	195	264	—	75	—	—	—
Struck by shifting load	4143	343	307	—	—	—	—	—	—
Sudden start or stop, n.e.c.	4144	473	202	—	—	51	—	—	—
Noncollision incident, n.e.c.	4149	588	206	114	—	—	—	—	—
Highway incident, n.e.c.	419	101	—	—	—	—	—	—	—
Nonhighway incident, except rail, air, water	42	10,679	2,836	1,651	512	1,539	—	—	89
Nonhighway incident, unspecified ..	420	172	—	—	—	—	—	—	—
Collision between vehicles or mobile equipment	421	1,362	397	142	42	124	—	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Nature of injury or illness ³							All other natures ⁴
	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	
Exposure to caustic, noxious, or allergenic substances, n.e.c.	-	-	-	-	-	-	-	1,303
Exposure to noise	-	-	-	-	-	-	-	300
Exposure to noise, unspecified	-	-	-	-	-	-	-	54
Exposure to noise over time	-	-	-	-	-	-	-	20
Exposure to noise in single incident	-	-	-	-	-	-	-	226
Exposure to radiation	-	-	-	-	-	-	-	2,289
Exposure to sun	-	-	-	-	-	-	-	18
Exposure to welding light	-	-	-	-	-	-	-	2,159
Exposure to radiation, n.e.c.	-	-	-	-	-	-	-	112
Exposure to traumatic or stressful event, n.e.c.	-	-	-	-	-	19	-	1,582
Exposure to harmful substances or environments, n.e.c.	-	-	-	-	-	-	-	163
Transportation incidents	-	-	8,670	1,941	2,945	4,903	1,759	10,952
Transportation incident, unspecified ..	-	-	258	93	81	236	62	476
Highway incident	-	-	5,407	874	2,019	3,333	1,186	6,999
Highway incident, unspecified	-	-	237	-	73	376	231	602
Collision between vehicles, mobile equipment	-	-	3,522	531	1,401	2,567	845	5,382
Collision between vehicles, mobile equipment, unspecified	-	-	813	44	309	806	263	1,307
Re-entrant collision	-	-	-	-	-	-	-	19
Moving in same direction	-	-	588	49	248	678	217	748
Moving in opposite directions, oncoming	-	-	458	76	187	112	-	764
Moving in intersection	-	-	887	198	344	249	69	1,493
Moving and standing vehicle, mobile equipment— in roadway	-	-	483	49	200	523	147	821
Moving and standing vehicle, mobile equipment—side of road	-	-	-	-	-	44	-	88
Collision between vehicles, mobile equipment, n.e.c.	-	-	225	111	57	144	116	144
Vehicle struck stationary object or equipment in roadway	-	-	184	-	66	-	-	81
Vehicle struck stationary object, equipment on side of road	-	-	383	-	154	55	-	195
Noncollision incident	-	-	1,037	280	297	324	99	729
Noncollision incident, unspecified	-	-	-	-	-	-	-	-
Jack-knifed or overturned—no collision	-	-	746	186	188	112	-	327
Ran off highway—no collision	-	-	182	76	38	41	37	198
Struck by shifting load	-	-	-	-	-	-	-	-
Sudden start or stop, n.e.c.	-	-	56	-	50	-	-	92
Noncollision incident, n.e.c.	-	-	42	-	-	102	52	79
Highway incident, n.e.c.	-	-	43	-	-	-	-	-
Nonhighway incident, except rail, air, water	-	-	1,742	721	359	663	369	1,633
Nonhighway incident, unspecified ..	-	-	68	-	-	-	-	17
Collision between vehicles or mobile equipment	-	-	297	95	146	93	71	249

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Vehicle, mobile equipment struck stationary object	422	1,861	310	312	296	376	—	—	—
Noncollision incident	423	6,934	1,997	1,112	169	971	—	—	68
Noncollision incident, unspecified	4230	117	59	—	—	16	—	—	—
Fall from moving vehicle, mobile equipment	4231	1,185	239	394	—	101	—	—	—
Fall from and struck by vehicle, mobile equipment	4232	86	—	—	—	19	—	—	—
Overturned	4233	2,118	611	461	104	329	—	—	56
Loss of control	4234	1,231	139	88	—	90	—	—	—
Struck by shifting load	4235	38	—	—	—	—	—	—	—
Sudden start or stop, n.e.c.	4236	841	367	—	—	151	—	—	—
Noncollision incident, n.e.c.	4239	1,316	562	125	—	261	—	—	—
Nonhighway incident, n.e.c.	429	350	105	82	—	41	—	—	—
Pedestrian, nonpassenger struck by vehicle, mobile equipment	43	10,038	1,106	2,344	306	2,466	—	—	259
Pedestrian struck by vehicle, mobile equipment, unspecified	430	1,593	215	315	17	285	—	—	242
Pedestrian struck by vehicle, mobile equipment in roadway	431	1,605	50	425	—	242	—	—	—
Pedestrian struck by vehicle, mobile equipment on side of road	432	369	—	152	—	59	—	—	—
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	433	6,471	806	1,453	283	1,880	—	—	17
Railway incident	44	253	144	17	—	50	—	—	—
Derailment	445	86	48	—	—	—	—	—	—
Railway incident, n.e.c.	449	120	74	—	—	18	—	—	—
Water vehicle incident	45	267	151	—	—	57	—	—	—
Fall from ship, boat, n.e.c.	453	38	—	—	—	—	—	—	—
Fall on ship, boat	454	156	75	—	—	42	—	—	—
Water vehicle incident, n.e.c.	459	62	49	—	—	—	—	—	—
Aircraft incident	46	480	251	17	—	83	—	—	—
During takeoff or landing	461	104	68	—	—	—	—	—	—
Aircraft incident, n.e.c.	469	373	183	—	—	83	—	—	—
Transportation incident, n.e.c.	49	226	40	—	—	148	—	—	—
Fires and explosions	5	2,695	—	107	100	59	1,385	37	—
Fire or explosion, unspecified	50	—	—	—	—	—	18	—	—
Fire—unintended or uncontrolled	51	1,289	—	—	—	—	926	—	—
Fire, unspecified	510	123	—	—	—	—	96	—	—
Fire in residence, building, or other structure	511	377	—	—	—	—	175	—	—
Forest, brush, or other outdoor fire	512	78	—	—	—	—	70	—	—
Ignition of clothing from controlled heat source	513	100	—	—	—	—	97	—	—
Fire, n.e.c.	519	612	—	—	—	—	488	—	—
Explosion	52	1,382	—	107	92	59	441	37	—
Explosion, unspecified	520	357	—	—	—	—	121	—	—
Explosion of battery	521	62	—	—	—	—	—	—	—
Explosion of pressure vessel or piping	522	324	—	106	—	38	40	—	—
Explosion, n.e.c.	529	639	—	—	82	—	279	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Nature of injury or illness ³							All other natures ⁴
	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	
Vehicle, mobile equipment struck stationary object	-	-	114	-	-	125	71	323
Noncollision incident	-	-	1,233	598	146	360	189	1,016
Noncollision incident, unspecified	-	-	-	-	-	-	-	-
Fall from moving vehicle, mobile equipment	-	-	239	75	64	90	36	88
Fall from and struck by vehicle, mobile equipment	-	-	-	-	-	-	-	-
Overtuned	-	-	245	86	-	138	75	168
Loss of control	-	-	473	315	-	-	-	428
Struck by shifting load	-	-	-	-	-	-	-	-
Sudden start or stop, n.e.c.	-	-	183	104	-	19	-	92
Noncollision incident, n.e.c.	-	-	64	-	-	73	62	213
Nonhighway incident, n.e.c.	-	-	-	-	-	60	38	-
Pedestrian, nonpassenger struck by vehicle, mobile equipment	-	-	1,224	246	466	618	121	1,714
Pedestrian struck by vehicle, mobile equipment, unspecified	-	-	199	39	86	97	-	224
Pedestrian struck by vehicle, mobile equipment in roadway	-	-	223	92	43	133	-	527
Pedestrian struck by vehicle, mobile equipment on side of road	-	-	71	-	-	-	-	-
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	-	-	732	116	329	365	86	935
Railway incident	-	-	-	-	-	-	-	-
Derailment	-	-	-	-	-	-	-	-
Railway incident, n.e.c.	-	-	-	-	-	-	-	-
Water vehicle incident	-	-	-	-	-	-	-	-
Fall from ship, boat, n.e.c.	-	-	-	-	-	-	-	-
Fall on ship, boat	-	-	-	-	-	-	-	-
Water vehicle incident, n.e.c.	-	-	-	-	-	-	-	-
Aircraft incident	-	-	-	-	-	-	-	99
During takeoff or landing	-	-	-	-	-	-	-	-
Aircraft incident, n.e.c.	-	-	-	-	-	-	-	70
Transportation incident, n.e.c.	-	-	-	-	-	-	-	-
Fires and explosions	-	-	122	-	-	-	-	855
Fire or explosion, unspecified	-	-	-	-	-	-	-	-
Fire—unintended or uncontrolled	-	-	-	-	-	-	-	339
Fire, unspecified	-	-	-	-	-	-	-	-
Fire in residence, building, or other structure	-	-	-	-	-	-	-	201
Forest, brush, or other outdoor fire	-	-	-	-	-	-	-	-
Ignition of clothing from controlled heat source	-	-	-	-	-	-	-	-
Fire, n.e.c.	-	-	-	-	-	-	-	104
Explosion	-	-	102	-	-	-	-	516
Explosion, unspecified	-	-	-	-	-	-	-	219
Explosion of battery	-	-	-	-	-	-	-	-
Explosion of pressure vessel or piping	-	-	-	-	-	-	-	87
Explosion, n.e.c.	-	-	38	-	-	-	-	185

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Assaults and violent acts	6	23,903	5,265	1,176	1,557	3,952	—	—	—
Assaults and violent acts, unspecified	60	43	17	—	—	—	—	—	—
Assaults and violent acts by person(s)	61	18,104	4,963	1,072	1,064	3,570	—	—	—
Assaults and violent acts by person(s), unspecified	610	1,852	866	145	53	178	—	—	—
Biting	611	624	—	—	87	—	—	—	—
Hitting, kicking, beating	612	7,057	1,106	408	256	2,322	—	—	—
Shooting	613	154	—	—	—	—	—	—	—
Squeezing, pinching, scratching, twisting	614	1,442	858	—	—	164	—	—	—
Stabbing	615	597	—	—	549	—	—	—	—
Rape	616	91	—	—	—	—	—	—	—
Threats or verbal assaults	617	333	—	—	—	—	—	—	—
Assaults and violent acts by person(s), n.e.c.	619	5,954	2,130	490	113	891	—	—	—
Assaults by animals	63	5,756	284	104	493	367	—	—	—
Assaults by animals, unspecified ...	630	314	17	—	64	—	—	—	—
Nonvenomous bites	631	3,506	—	—	283	—	—	—	—
Assaults by animals, n.e.c.	639	1,936	255	83	146	341	—	—	—
Other events or exposures	9	136	3	2	—	44	—	—	—
Nonclassifiable	9999	14,740	3,754	505	606	768	—	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by event or exposure leading to injury or illness and selected natures of injury or illness, 2002 — Continued

Event	Nature of injury or illness ³							All other natures ⁴
	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	
Assaults and violent acts	—	—	1,534	180	544	2,044	286	8,364
Assaults and violent acts, unspecified	—	—	—	—	—	—	—	—
Assaults and violent acts by person(s)	—	—	1,390	153	521	1,907	283	4,129
Assaults and violent acts by person(s), unspecified	—	—	138	—	19	131	51	342
Biting	—	—	—	—	—	—	—	486
Hitting, kicking, beating	—	—	796	68	365	811	92	1,358
Shooting	—	—	—	—	—	—	—	154
Squeezing, pinching, scratching, twisting	—	—	36	—	—	160	49	188
Stabbing	—	—	—	—	—	—	—	48
Rape	—	—	—	—	—	—	—	88
Threats or verbal assaults	—	—	—	—	—	—	—	331
Assaults and violent acts by person(s), n.e.c.	—	—	382	49	110	805	91	1,133
Assaults by animals	—	—	143	—	—	131	—	4,232
Assaults by animals, unspecified ...	—	—	—	—	—	—	—	208
Nonvenomous bites	—	—	—	—	—	—	—	3,183
Assaults by animals, n.e.c.	—	—	138	—	—	129	—	842
Other events or exposures	—	—	—	—	—	4	4	83
Nonclassifiable	19	77	336	79	—	2,335	1,129	6,324

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

² Based on the 1992 Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

³ 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.

⁴ Includes nonclassifiable responses.

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