

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness,1999

Event	Event code <sup>2</sup>	Total cases	Nature of injury or illness <sup>3</sup>						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Private industry .....		1,702,470	739,742	113,734	153,762	155,965	27,108	11,614	9,985
<b>Contact with objects and equipment</b> .....	0	459,605	45,604	48,086	139,290	88,399	-	-	9,737
Contact with objects and equipment, unspecified .....	00	7,992	409	463	4,851	578	-	-	261
Struck against object .....	01	116,517	17,126	7,292	46,300	24,456	-	-	1,139
Struck against stationary object .....	010	10,343	686	522	4,466	2,468	-	-	65
Struck against moving object .....	011	13,491	6,256	785	5,191	485	-	-	-
Struck against object, n.e.c. ....	012	70,984	7,993	4,884	25,371	18,335	-	-	227
Struck by object .....	013	12,972	1,216	580	7,333	1,394	-	-	811
Struck by object, unspecified .....	019	8,727	976	521	3,939	1,774	-	-	37
Struck by falling object .....	02	229,158	20,696	26,855	69,906	50,425	-	-	1,701
Struck by flying object .....	020	13,710	1,430	1,597	3,676	3,188	-	-	115
Struck by flying object, n.e.c. ....	021	90,290	11,956	15,288	9,397	26,489	-	-	391
Struck by flying object, unspecified .....	022	21,886	478	1,050	9,325	2,583	-	-	40
Struck by dislodged flying object, particle .....	0220	2,315	62	155	478	904	-	-	-
Struck by discharged object or substance .....	0221	8,984	126	295	3,282	819	-	-	18
Struck by swinging or slipping object .....	0222	5,534	151	197	3,548	248	-	-	-
Struck by swinging or slipping object, n.e.c. ....	0229	5,052	139	402	2,017	613	-	-	-
Struck by rolling, sliding objects on floor or ground level .....	023	68,777	3,363	5,871	37,705	9,508	-	-	723
Struck by rolling, sliding objects on floor or ground level, n.e.c. ....	0230	975	177	119	203	150	-	-	54
Struck by or slammed in swinging door or gate .....	0231	11,723	1,714	1,938	1,544	3,006	-	-	186
Struck by slipping handheld object .....	0232	48,203	1,166	2,985	33,852	4,546	-	-	452
Struck by slipping or slipping object, n.e.c. ....	0239	7,875	306	830	2,106	1,805	-	-	-
Struck by rolling, sliding objects on floor or ground level .....	024	6,454	931	811	237	2,654	-	-	-
Struck by object, n.e.c. ....	029	28,042	2,539	2,237	9,566	6,002	-	-	406
Caught in or compressed by equipment or objects .....	03	76,369	5,248	13,243	16,761	12,241	-	-	6,613
Caught in or compressed by equipment or objects, unspecified .....	030	7,604	779	1,136	1,364	942	-	-	491
Caught in running equipment or machinery .....	031	30,352	861	4,456	9,909	2,304	-	-	4,414
Compressed or pinched by rolling, sliding, or shifting objects .....	032	11,351	975	2,609	1,281	2,907	-	-	354
Caught in or compressed by equipment or objects, n.e.c. ....	039	27,062	2,633	5,042	4,207	6,087	-	-	1,354
Caught in or crushed in collapsing materials .....	04	599	140	95	-	-	-	-	-
Excavation or trenching cave-in ....	041	255	95	38	-	17	-	-	-
Caught in or crushed in collapsing structure .....	044	164	-	43	-	-	-	-	-
Caught in or crushed in collapsing materials, n.e.c. ....	049	133	-	-	-	-	-	-	-
Rubbed or abraded by friction or pressure .....	05	24,116	265	-	-	466	-	-	-

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness, 1999 — Continued

Event	Nature of injury or illness <sup>3</sup>							
	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Back pain and pain, except back		All other natures <sup>4</sup>
			Total	With fractures burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Private industry .....	27,922	16,582	59,343	10,965	22,407	109,257	43,198	277,455
<b>Contact with objects and equipment</b> .....	—	601	20,953	4,371	5,471	18,356	1,362	88,578
Contact with objects and equipment, unspecified .....	—	—	373	64	111	161	—	890
Struck against object .....	—	232	4,075	438	1,353	4,656	317	11,238
Struck against object, unspecified ..	—	—	554	83	81	487	41	1,081
Stepped on object .....	—	—	157	—	40	295	37	322
Struck against stationary object .....	—	210	2,593	142	1,112	3,087	188	8,282
Struck against moving object .....	—	—	501	184	60	419	39	715
Struck against object, n.e.c. ....	—	—	270	—	60	369	—	838
Struck by object .....	—	338	10,933	1,908	3,318	10,499	893	37,805
Struck by object, unspecified .....	—	—	761	70	196	739	—	2,202
Struck by falling object .....	—	102	5,616	710	2,007	5,918	611	15,133
Struck by flying object .....	—	—	705	140	90	524	—	7,181
Struck by flying object, unspecified .....	—	—	171	39	—	—	—	507
Struck by dislodged flying object, particle .....	—	—	211	62	—	293	—	3,939
Struck by discharged object or substance .....	—	—	153	—	—	—	—	1,206
Struck by flying object, n.e.c. ....	—	—	170	37	17	181	—	1,528
Struck by swinging or slipping object .....	—	143	2,157	714	364	1,849	97	7,458
Struck by swinging or slipping object, unspecified .....	—	—	—	—	—	42	—	195
Struck by or slammed in swinging door or gate .....	—	—	353	69	139	611	—	2,366
Struck by slipping handheld object .....	—	137	1,164	549	126	904	50	2,996
Struck by swinging or slipping object, n.e.c. ....	—	—	607	96	86	291	—	1,900
Struck by rolling, sliding objects on floor or ground level .....	—	—	386	—	208	497	—	885
Struck by object, n.e.c. ....	—	66	1,308	241	453	972	130	4,945
Caught in or compressed by equipment or objects .....	—	—	5,210	1,858	599	2,322	—	14,721
Caught in or compressed by equipment or objects, unspecified .....	—	—	524	117	61	168	—	2,200
Caught in running equipment or machinery .....	—	—	2,396	808	226	671	—	5,335
Compressed or pinched by rolling, sliding, or shifting objects .....	—	—	768	368	111	463	16	1,992
Caught in or compressed by equipment or objects, n.e.c. ....	—	—	1,522	565	202	1,020	—	5,195
Caught in or crushed in collapsing materials .....	—	—	88	66	—	—	—	222
Excavation or trenching cave-in .....	—	—	—	—	—	—	—	89
Caught in or crushed in collapsing structure .....	—	—	—	—	—	—	—	77
Caught in or crushed in collapsing materials, n.e.c. ....	—	—	66	66	—	—	—	50
Rubbed or abraded by friction or pressure .....	—	—	70	—	—	250	—	23,055

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness, 1999 — Continued

Event	Event code <sup>2</sup>	Total cases	Nature of injury or illness <sup>3</sup>						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Rubbed or abraded by friction or pressure, unspecified .....	050	44	—	—	—	—	—	—	—
Rubbed or abraded by kneeling on surface .....	051	1,097	218	—	—	274	—	—	—
Rubbed or abraded by objects being handled .....	052	334	38	—	—	—	—	—	—
Rubbed or abraded by foreign matter in eye .....	053	22,330	—	—	—	135	—	—	—
Rubbed or abraded by friction or pressure, n.e.c. ....	059	311	—	—	—	—	—	—	—
Rubbed, abraded, or jarred by vibration .....	06	2,274	1,393	17	—	60	—	—	—
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration .....	061	1,627	1,023	—	—	—	—	—	—
Rubbed, abraded, or jarred by other machine or equipment vibration .....	062	436	264	17	—	—	—	—	—
Rubbed, abraded, or jarred by vibration, n.e.c. ....	069	184	100	—	—	41	—	—	—
Contact with objects and equipment, n.e.c. ....	09	2,581	325	122	1,458	146	—	—	—
<b>Falls</b> .....	1	297,499	107,658	52,168	10,223	50,500	—	—	42
Fall, unspecified .....	10	3,831	1,712	750	151	430	—	—	—
Fall to lower level .....	11	93,881	31,281	21,263	2,350	14,655	—	—	37
Fall to lower level, unspecified .....	110	1,362	233	247	52	190	—	—	—
Fall down stairs or steps .....	111	22,356	9,121	3,611	393	4,160	—	—	—
Fall from floor, dock, or ground level .....	112	6,273	2,624	1,002	174	979	—	—	—
Fall from floor, dock, or ground level, unspecified .....	1120	1,360	793	214	40	223	—	—	—
Fall through existing floor opening .....	1121	617	284	59	50	82	—	—	—
Fall through floor surface .....	1122	605	142	61	—	80	—	—	—
Fall from loading dock .....	1123	1,222	298	205	—	327	—	—	—
Fall from ground level to lower level .....	1124	1,953	998	326	—	152	—	—	—
Fall from floor, dock, or ground level, n.e.c. ....	1129	515	110	138	20	115	—	—	—
Fall from ladder .....	113	21,864	6,446	6,350	545	2,590	—	—	—
Fall from piled or stacked material .....	114	960	186	231	—	320	—	—	—
Fall from roof .....	115	3,064	391	1,271	139	247	—	—	—
Fall from roof, unspecified .....	1150	861	151	315	98	40	—	—	—
Fall through existing roof opening .....	1151	100	—	19	—	44	—	—	—
Fall through roof surface .....	1152	168	—	73	—	16	—	—	—
Fall through skylight .....	1153	80	—	—	—	—	—	—	—
Fall from roof edge .....	1154	1,395	161	633	—	83	—	—	—
Fall from roof, n.e.c. ....	1159	459	36	198	—	56	—	—	—
Fall from scaffold, staging .....	116	4,761	1,106	1,280	168	476	—	—	—
Fall from building girders or other structural steel .....	117	228	—	48	—	—	—	—	—
Fall from nonmoving vehicle .....	118	18,307	6,459	3,888	501	3,456	—	—	—
Fall to lower level, n.e.c. ....	119	14,707	4,684	3,334	362	2,206	—	—	—
Jump to lower level .....	12	7,852	4,713	961	70	592	—	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness, 1999 — Continued

Event	Nature of injury or illness <sup>3</sup>							All other natures <sup>4</sup>
	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, unspecified .....	-	-	-	-	-	-	-	41
Rubbed or abraded by kneeling on surface .....	-	-	-	-	-	154	-	433
Rubbed or abraded by objects being handled .....	-	-	-	-	-	46	-	193
Rubbed or abraded by foreign matter in eye .....	-	-	-	-	-	19	-	22,153
Rubbed or abraded by friction or pressure, n.e.c. ....	-	-	-	-	-	-	-	235
Rubbed, abraded, or jarred by vibration .....	-	-	72	-	-	410	113	308
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration .....	-	-	63	-	-	349	95	179
Rubbed, abraded, or jarred by other machine or equipment vibration .....	-	-	-	-	-	36	-	94
Rubbed, abraded, or jarred by vibration, n.e.c. ....	-	-	-	-	-	19	-	-
Contact with objects and equipment, n.e.c. ....	-	-	131	37	-	48	-	339
<b>Falls</b> .....	-	387	24,765	4,450	12,676	18,320	5,953	33,432
Fall, unspecified .....	-	-	106	-	-	230	96	452
Fall to lower level .....	-	-	9,312	2,428	3,863	4,910	1,844	10,038
Fall to lower level, unspecified .....	-	-	171	129	-	102	92	367
Fall down stairs or steps .....	-	-	2,327	200	1,525	1,122	394	1,621
Fall from floor, dock, or ground level .....	-	-	499	66	220	242	130	752
Fall from floor, dock, or ground level, unspecified .....	-	-	-	-	-	-	-	61
Fall through existing floor opening .....	-	-	50	-	-	-	-	83
Fall through floor surface .....	-	-	122	-	47	134	118	58
Fall from loading dock .....	-	-	118	-	70	-	-	210
Fall from ground level to lower level .....	-	-	82	17	-	49	-	325
Fall from floor, dock, or ground level, n.e.c. ....	-	-	100	-	53	18	-	-
Fall from ladder .....	-	-	2,201	431	893	1,092	363	2,627
Fall from piled or stacked material .....	-	-	102	-	-	-	-	52
Fall from roof .....	-	-	491	268	141	-	-	509
Fall from roof, unspecified .....	-	-	172	-	118	-	-	84
Fall through existing roof opening .....	-	-	-	-	-	-	-	-
Fall through roof surface .....	-	-	19	-	-	-	-	-
Fall through skylight .....	-	-	-	-	-	-	-	-
Fall from roof edge .....	-	-	250	227	-	-	-	257
Fall from roof, n.e.c. ....	-	-	-	-	-	-	-	134
Fall from scaffold, staging .....	-	-	981	400	255	374	108	374
Fall from building girders or other structural steel .....	-	-	49	38	-	16	-	48
Fall from nonmoving vehicle .....	-	-	1,264	555	359	768	269	1,957
Fall to lower level, n.e.c. ....	-	-	1,227	308	459	1,149	453	1,729
Jump to lower level .....	-	-	193	67	66	489	43	831

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness,1999 — Continued

Event	Event code <sup>2</sup>	Total cases	Nature of injury or illness <sup>3</sup>						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Jump to lower level, unspecified ....	120	370	216	109	—	—	—	—	—
Jump from scaffold, platform, loading dock .....	121	969	605	115	—	—	—	—	—
Jump from structure, structural element, n.e.c. ....	122	814	543	70	—	50	—	—	—
Jump from nonmoving vehicle .....	123	3,290	1,826	257	—	295	—	—	—
Jump to lower level, n.e.c. ....	129	2,409	1,524	410	—	193	—	—	—
Fall on same level .....	13	190,701	69,636	29,021	7,646	34,765	—	—	—
Fall on same level, unspecified .....	130	3,136	1,280	465	126	861	—	—	—
Fall to floor, walkway, or other surface .....	131	162,158	62,585	25,956	3,342	28,013	—	—	—
Fall onto or against objects .....	132	22,634	4,996	2,340	4,016	5,226	—	—	—
Fall on same level, n.e.c. ....	139	2,772	774	259	162	666	—	—	—
Fall, n.e.c. ....	19	1,235	317	174	—	58	—	—	—
<b>Bodily reaction and exertion .....</b>	<b>2</b>	<b>740,753</b>	<b>548,968</b>	<b>3,863</b>	<b>45</b>	<b>408</b>	—	—	—
Bodily reaction and exertion, unspecified .....	20	9,309	5,617	43	—	—	—	—	—
Bodily reaction .....	21	190,386	156,387	3,045	—	122	—	—	—
Bodily reaction, unspecified .....	210	8,068	6,446	49	—	—	—	—	—
Bending, climbing, crawling, reaching, twisting .....	211	77,995	65,093	455	—	—	—	—	—
Sudden reaction when surprised, frightened, startled .....	212	1,556	1,114	—	—	—	—	—	—
Running—without other incident ....	213	1,095	887	—	—	—	—	—	—
Sitting .....	214	852	536	—	—	—	—	—	—
Slip, trip, loss of balance—without fall .....	215	54,761	45,933	999	—	—	—	—	—
Standing .....	216	1,575	1,138	—	—	—	—	—	—
Walking—without other incident ....	217	6,615	5,410	85	—	—	—	—	—
Bodily reaction, n.e.c. ....	219	37,869	29,829	1,439	—	71	—	—	—
Overexertion .....	22	459,441	369,877	611	—	273	—	—	—
Overexertion, unspecified .....	220	42,030	32,653	—	—	—	—	—	—
Overexertion in lifting .....	221	264,836	213,596	251	18	105	—	—	—
Overexertion in pulling or pushing objects .....	222	75,838	62,571	112	—	45	—	—	—
Overexertion in holding, carrying, turning, or wielding objects .....	223	51,402	41,087	108	—	52	—	—	—
Overexertion in throwing objects ....	224	2,651	2,079	—	—	—	—	—	—
Overexertion, n.e.c. ....	229	22,683	17,891	102	—	58	—	—	—
Repetitive motion .....	23	73,195	14,820	47	—	—	—	—	—
Repetitive motion, unspecified .....	230	15,777	3,142	—	—	—	—	—	—
Typing or key entry .....	231	11,105	1,102	—	—	—	—	—	—
Repetitive use of tools .....	232	12,372	2,462	—	—	—	—	—	—
Repetitive placing, grasping, or moving objects, except tools .....	233	22,529	5,022	—	—	—	—	—	—
Repetitive motion, n.e.c. ....	239	11,413	3,092	—	—	—	—	—	—
Bodily conditions, n.e.c. ....	25	4,958	—	—	—	—	—	—	—
Bodily reaction and exertion, n.e.c. ...	29	3,450	2,259	116	—	—	—	—	—
<b>Exposure to harmful substances or environments .....</b>	<b>3</b>	<b>76,223</b>	—	—	<b>38</b>	—	<b>25,370</b>	<b>11,442</b>	—
Exposure to harmful substances or environments, unspecified .....	30	236	—	—	—	—	—	—	—
Contact with electric current .....	31	4,224	—	—	—	—	—	—	—
Contact with electric current, unspecified .....	310	321	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness,1999 — Continued

Event	Nature of injury or illness <sup>3</sup>							All other natures <sup>4</sup>
	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	
Jump to lower level, unspecified ....	—	—	—	—	—	—	—	17
Jump from scaffold, platform, loading dock .....	—	—	43	—	—	113	—	60
Jump from structure, structural element, n.e.c. ....	—	—	50	—	—	45	—	—
Jump from nonmoving vehicle .....	—	—	80	—	49	244	—	561
Jump to lower level, n.e.c. ....	—	—	20	16	—	87	—	164
Fall on same level .....	—	349	15,002	1,950	8,649	12,525	3,936	21,750
Fall on same level, unspecified .....	—	—	156	—	135	47	—	199
Fall to floor, walkway, or other surface .....	—	315	12,628	1,674	7,391	10,948	3,492	18,367
Fall onto or against objects .....	—	—	1,897	249	880	1,203	370	2,927
Fall on same level, n.e.c. ....	—	—	321	—	244	328	72	257
Fall, n.e.c. ....	—	—	152	—	64	166	—	362
<b>Bodily reaction and exertion .....</b>	<b>27,897</b>	<b>15,327</b>	<b>403</b>	<b>55</b>	<b>140</b>	<b>62,560</b>	<b>32,902</b>	<b>81,284</b>
Bodily reaction and exertion, unspecified .....	48	279	—	—	—	1,263	652	2,047
Bodily reaction .....	—	1,085	159	55	47	15,635	7,853	13,938
Bodily reaction, unspecified .....	—	46	—	—	—	705	333	822
Bending, climbing, crawling, reaching, twisting .....	—	522	42	—	—	7,226	4,827	4,642
Sudden reaction when surprised, frightened, startled .....	—	—	—	—	—	107	69	326
Running—without other incident ....	—	—	—	—	—	133	—	55
Sitting .....	—	—	—	—	—	151	123	164
Slip, trip, loss of balance—without fall .....	—	—	79	46	—	3,564	1,266	4,124
Standing .....	—	—	—	—	—	252	108	167
Walking—without other incident ....	—	42	—	—	—	562	134	505
Bodily reaction, n.e.c. ....	—	425	—	—	—	2,936	985	3,134
Overexertion .....	103	3,215	232	—	93	40,181	23,899	44,920
Overexertion, unspecified .....	—	313	66	—	58	4,779	2,416	4,174
Overexertion in lifting .....	88	1,578	118	—	—	21,751	14,441	27,331
Overexertion in pulling or pushing objects .....	—	479	16	—	—	6,272	3,177	6,335
Overexertion in holding, carrying, turning, or welding objects .....	—	608	—	—	—	4,921	2,617	4,617
Overexertion in throwing objects ....	—	18	—	—	—	345	205	197
Overexertion, n.e.c. ....	—	219	—	—	—	2,113	1,043	2,267
Repetitive motion .....	27,729	10,729	—	—	—	5,345	459	14,513
Repetitive motion, unspecified .....	6,449	2,074	—	—	—	1,163	171	2,941
Typing or key entry .....	6,365	1,491	—	—	—	660	—	1,487
Repetitive use of tools .....	4,351	1,594	—	—	—	963	70	2,993
Repetitive placing, grasping, or moving objects, except tools .....	7,518	3,819	—	—	—	1,556	97	4,613
Repetitive motion, n.e.c. ....	3,047	1,751	—	—	—	1,004	121	2,479
Bodily conditions, n.e.c. ....	—	—	—	—	—	—	—	4,940
Bodily reaction and exertion, n.e.c. ....	16	19	—	—	—	123	37	915
<b>Exposure to harmful substances or environments .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>185</b>	<b>—</b>	<b>39,163</b>
Exposure to harmful substances or environments, unspecified .....	—	—	—	—	—	—	—	236
Contact with electric current .....	—	—	—	—	—	—	—	4,224
Contact with electric current, unspecified .....	—	—	—	—	—	—	—	321

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness,1999 — Continued

Event	Event code <sup>2</sup>	Total cases	Nature of injury or illness <sup>3</sup>						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Contact with electric current of machine, tool, appliance, or light fixture .....	311	1,588	-	-	-	-	-	-	-
Contact with wiring, transformers, or other electrical components .....	312	1,261	-	-	-	-	-	-	-
Contact with overhead power lines .....	313	194	-	-	-	-	-	-	-
Contact with underground, buried power lines .....	314	92	-	-	-	-	-	-	-
Struck by lightning .....	315	70	-	-	-	-	-	-	-
Contact with electric current, n.e.c. ....	319	700	-	-	-	-	-	-	-
Contact with temperature extremes ...	32	28,551	-	-	-	-	25,370	-	-
Exposure to environmental heat .....	321	2,708	-	-	-	-	-	-	-
Exposure to environmental cold .....	322	321	-	-	-	-	-	-	-
Contact with hot objects or substances .....	323	25,444	-	-	-	-	25,370	-	-
Contact with cold objects or substances .....	324	64	-	-	-	-	-	-	-
Exposure to air pressure changes .....	33	978	-	-	-	-	-	-	-
Pressure changes in airplane, other aircraft .....	332	922	-	-	-	-	-	-	-
Exposure to air pressure change, n.e.c. ....	339	41	-	-	-	-	-	-	-
Exposure to caustic, noxious, or allergenic substances .....	34	36,525	-	-	38	-	-	11,442	-
Exposure to caustic, noxious, or allergenic substances, unspecified .....	340	4,910	-	-	-	-	-	1,824	-
Inhalation of substance .....	341	8,271	-	-	-	-	-	86	-
Inhalation of substance, unspecified .....	3410	3,636	-	-	-	-	-	86	-
Inhalation in enclosed, restricted, or confined space .....	3411	548	-	-	-	-	-	-	-
Inhalation in open or nonconfined space .....	3412	4,086	-	-	-	-	-	-	-
Contact with skin or other exposed tissue .....	342	16,326	-	-	-	-	-	8,825	-
Injections, stings, venomous bites .....	343	3,523	-	-	38	-	-	-	-
Injections, stings, venomous bites, unspecified .....	3430	535	-	-	-	-	-	-	-
Needle sticks .....	3431	74	-	-	-	-	-	-	-
Bee, wasp, hornet sting .....	3432	1,552	-	-	-	-	-	-	-
Other stings or venomous bites .....	3433	1,033	-	-	-	-	-	-	-
Injections, stings, venomous bites, n.e.c. ....	3439	329	-	-	-	-	-	-	-
Ingestion of substance .....	344	475	-	-	-	-	-	-	-
Exposure to caustic, noxious, or allergenic substances, n.e.c. ....	349	3,019	-	-	-	-	-	706	-
Exposure to noise .....	35	359	-	-	-	-	-	-	-
Exposure to noise over time .....	351	84	-	-	-	-	-	-	-
Exposure to noise in single incident .....	352	261	-	-	-	-	-	-	-
Exposure to radiation .....	36	3,958	-	-	-	-	-	-	-
Exposure to sun .....	361	46	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness,1999 — Continued

Event	Nature of injury or illness <sup>3</sup>							All other natures <sup>4</sup>
	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	
Contact with electric current of machine, tool, appliance, or light fixture .....	-	-	-	-	-	-	-	1,588
Contact with wiring, transformers, or other electrical components .....	-	-	-	-	-	-	-	1,261
Contact with overhead power lines .....	-	-	-	-	-	-	-	194
Contact with underground, buried power lines .....	-	-	-	-	-	-	-	92
Struck by lightning .....	-	-	-	-	-	-	-	70
Contact with electric current, n.e.c. ....	-	-	-	-	-	-	-	700
Contact with temperature extremes ...	-	-	-	-	-	16	-	3,166
Exposure to environmental heat ....	-	-	-	-	-	-	-	2,708
Exposure to environmental cold .....	-	-	-	-	-	-	-	321
Contact with hot objects or substances .....	-	-	-	-	-	-	-	73
Contact with cold objects or substances .....	-	-	-	-	-	-	-	64
Exposure to air pressure changes .....	-	-	-	-	-	57	-	921
Pressure changes in airplane, other aircraft .....	-	-	-	-	-	-	-	891
Exposure to air pressure change, n.e.c. ....	-	-	-	-	-	-	-	-
Exposure to caustic, noxious, or allergenic substances .....	-	-	-	-	-	104	-	24,941
Exposure to caustic, noxious, or allergenic substances, unspecified .....	-	-	-	-	-	-	-	3,078
Inhalation of substance .....	-	-	-	-	-	-	-	8,185
Inhalation of substance, unspecified .....	-	-	-	-	-	-	-	3,551
Inhalation in enclosed, restricted, or confined space .....	-	-	-	-	-	-	-	548
Inhalation in open or nonconfined space .....	-	-	-	-	-	-	-	4,086
Contact with skin or other exposed tissue .....	-	-	-	-	-	69	-	7,432
Injections, stings, venomous bites .....	-	-	-	-	-	19	-	3,465
Injections, stings, venomous bites, unspecified .....	-	-	-	-	-	-	-	534
Needle sticks .....	-	-	-	-	-	-	-	41
Bee, wasp, hornet sting .....	-	-	-	-	-	19	-	1,530
Other stings or venomous bites .....	-	-	-	-	-	-	-	1,033
Injections, stings, venomous bites, n.e.c. ....	-	-	-	-	-	-	-	327
Ingestion of substance .....	-	-	-	-	-	-	-	475
Exposure to caustic, noxious, or allergenic substances, n.e.c. ....	-	-	-	-	-	-	-	2,306
Exposure to noise .....	-	-	-	-	-	-	-	359
Exposure to noise over time .....	-	-	-	-	-	-	-	84
Exposure to noise in single incident .....	-	-	-	-	-	-	-	261
Exposure to radiation .....	-	-	-	-	-	-	-	3,929
Exposure to sun .....	-	-	-	-	-	-	-	46

See footnotes at end of table.



TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness, 1999 — Continued

Event	Event code <sup>2</sup>	Total cases	Nature of injury or illness <sup>3</sup>						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Exposure to welding light .....	362	3,714	—	—	—	—	—	—	—
Exposure to radiation, n.e.c. ....	369	189	—	—	—	—	—	—	—
Exposure to traumatic or stressful event, n.e.c. ....	37	1,264	—	—	—	—	—	—	—
Choking on object or substance .....	382	16	—	—	—	—	—	—	—
Exposure to harmful substances or environments, n.e.c. ....	39	103	—	—	—	—	—	—	—
<b>Transportation incidents</b> .....	4	73,246	25,520	7,248	1,872	10,781	—	—	133
Transportation incident, unspecified ..	40	1,838	600	132	—	294	18	—	—
Highway incident .....	41	45,795	18,674	2,434	1,071	4,224	—	—	—
Highway incident, unspecified .....	410	4,272	1,834	246	228	456	—	—	—
Collision between vehicles, mobile equipment .....	411	33,138	14,549	1,466	373	2,241	—	—	—
Collision between vehicles, mobile equipment, unspecified .....	4110	9,925	3,348	573	165	808	—	—	—
Re-entrant collision .....	4111	187	126	—	—	19	—	—	—
Moving in same direction .....	4112	7,646	4,346	284	53	337	—	—	—
Moving in opposite directions, oncoming .....	4113	2,030	456	209	50	127	—	—	—
Moving in intersection .....	4114	5,294	2,102	257	—	646	—	—	—
Moving and standing vehicle, mobile equipment— in roadway .....	4115	5,628	2,897	96	56	151	—	—	—
Moving and standing vehicle, mobile equipment—side of road .....	4116	413	283	—	—	50	—	—	—
Collision between vehicles, mobile equipment, n.e.c. ....	4119	2,014	990	38	—	103	—	—	—
Vehicle struck stationary object or equipment in roadway .....	412	461	127	—	—	—	—	—	—
Vehicle struck stationary object, equipment on side of road .....	413	1,324	559	124	—	175	—	—	—
Noncollision incident .....	414	6,397	1,504	549	434	1,329	—	—	—
Noncollision incident, unspecified .....	4140	169	39	—	—	54	—	—	—
Jack-knifed or overturned—no collision .....	4141	2,531	380	250	331	544	—	—	—
Ran off highway—no collision ....	4142	1,372	313	151	70	204	—	—	—
Struck by shifting load .....	4143	55	—	—	—	—	—	—	—
Sudden start or stop, n.e.c. ....	4144	1,137	353	79	—	422	—	—	—
Noncollision incident, n.e.c. ....	4149	1,134	387	39	17	105	—	—	—
Highway incident, n.e.c. ....	419	203	101	—	—	—	—	—	—
Nonhighway incident, except rail, air, water .....	42	11,684	3,622	1,886	528	2,121	16	—	57
Nonhighway incident, unspecified ..	420	198	65	36	—	—	—	—	—
Collision between vehicles or mobile equipment .....	421	1,319	647	94	—	209	—	—	—
Vehicle, mobile equipment struck stationary object .....	422	2,033	426	462	135	467	—	—	18
Noncollision incident .....	423	7,229	2,355	1,128	355	1,241	—	—	—
Noncollision incident, unspecified .....	4230	311	39	129	—	19	—	—	—
Fall from moving vehicle, mobile equipment .....	4231	1,644	642	290	45	168	—	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness, 1999 — Continued

Event	Nature of injury or illness <sup>3</sup>							All other natures <sup>4</sup>
	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 welding light .....	-	-	-	-	-	-	-	3,688
Exposure to radiation, n.e.c. ....	-	-	-	-	-	-	-	185
Exposure to traumatic or stressful event, n.e.c. ....	-	-	-	-	-	-	-	1,259
Choking on object or substance ....	-	-	-	-	-	-	-	16
Exposure to harmful substances or environments, n.e.c. ....	-	-	-	-	-	-	-	103
<b>Transportation incidents</b> .....	-	-	10,366	1,736	3,427	5,525	1,681	11,727
Transportation incident, unspecified ..	-	-	245	19	125	150	49	366
Highway incident .....	-	-	7,472	1,197	2,382	3,932	1,370	7,944
Highway incident, unspecified .....	-	-	646	116	215	186	103	677
Collision between vehicles, mobile equipment .....	-	-	5,195	838	1,629	3,210	1,068	6,088
Collision between vehicles, mobile equipment, unspecified .....	-	-	1,691	421	816	1,191	255	2,135
Re-entrant collision .....	-	-	-	-	-	-	-	-
Moving in same direction .....	-	-	590	-	153	591	222	1,445
Moving in opposite directions, oncoming .....	-	-	759	49	55	103	-	325
Moving in intersection .....	-	-	1,031	106	153	636	343	588
Moving and standing vehicle, mobile equipment— in roadway .....	-	-	504	-	214	614	192	1,310
Moving and standing vehicle, mobile equipment—side of road .....	-	-	36	-	-	-	-	-
Collision between vehicles, mobile equipment, n.e.c. ....	-	-	583	217	227	60	19	227
Vehicle struck stationary object or equipment in roadway .....	-	-	220	-	102	42	-	-
Vehicle struck stationary object, equipment on side of road .....	-	-	195	38	48	88	-	157
Noncollision incident .....	-	-	1,197	175	382	355	109	1,011
Noncollision incident, unspecified .....	-	-	-	-	-	-	-	-
Jack-knifed or overturned—no collision .....	-	-	594	78	160	128	40	286
Ran off highway—no collision ....	-	-	314	-	124	94	-	226
Struck by shifting load .....	-	-	-	18	-	-	-	-
Sudden start or stop, n.e.c. ....	-	-	95	-	60	-	-	138
Noncollision incident, n.e.c. ....	-	-	160	-	37	95	54	330
Highway incident, n.e.c. ....	-	-	-	-	-	51	51	-
Nonhighway incident, except rail, air, water .....	-	-	1,162	186	450	805	209	1,485
Nonhighway incident, unspecified ..	-	-	38	-	-	-	-	-
Collision between vehicles or mobile equipment .....	-	-	111	17	-	130	-	103
Vehicle, mobile equipment struck stationary object .....	-	-	208	-	65	61	-	249
Noncollision incident .....	-	-	789	135	339	509	153	842
Noncollision incident, unspecified .....	-	-	-	-	-	74	-	39
Fall from moving vehicle, mobile equipment .....	-	-	147	-	60	140	17	212

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness,1999 — Continued

Event	Event code <sup>2</sup>	Total cases	Nature of injury or illness <sup>3</sup>						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Fall from and struck by vehicle, mobile equipment .....	4232	351	—	67	—	86	—	—	—
Overturned .....	4233	1,715	266	363	142	451	—	—	—
Loss of control .....	4234	436	89	—	88	77	—	—	—
Struck by shifting load .....	4235	148	48	—	—	39	—	—	—
Sudden start or stop, n.e.c. ....	4236	1,158	614	19	57	186	—	—	—
Noncollision incident, n.e.c. ....	4239	1,466	637	203	—	217	—	—	—
Nonhighway incident, n.e.c. ....	429	905	129	166	17	169	—	—	—
Pedestrian, nonpassenger struck by vehicle, mobile equipment .....	43	12,218	1,931	2,630	225	3,769	—	—	48
Pedestrian struck by vehicle, mobile equipment, unspecified .....	430	1,665	370	317	—	486	—	—	—
Pedestrian struck by vehicle, mobile equipment in roadway .....	431	1,211	128	140	—	369	—	—	—
Pedestrian struck by vehicle, mobile equipment on side of road .....	432	761	357	52	—	80	—	—	—
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area .....	433	8,580	1,076	2,121	192	2,834	—	—	43
Railway incident .....	44	427	218	37	—	53	—	—	—
Collision between railway vehicle and other vehicle .....	442	149	61	—	—	—	—	—	—
Derailment .....	445	61	—	—	—	17	—	—	—
Railway incident, n.e.c. ....	449	158	92	17	—	—	—	—	—
Water vehicle incident .....	45	416	78	117	—	153	—	—	—
Fall from ship, boat, n.e.c. ....	453	43	—	—	—	—	—	—	—
Fall on ship, boat .....	454	178	57	77	—	—	—	—	—
Water vehicle incident, n.e.c. ....	459	173	—	—	—	138	—	—	—
Aircraft incident .....	46	755	340	—	—	139	—	—	—
Aircraft incident, unspecified .....	460	154	—	—	—	54	—	—	—
During takeoff or landing .....	461	55	—	—	—	—	—	—	—
Aircraft incident, n.e.c. ....	469	546	329	—	—	82	—	—	—
Transportation incident, n.e.c. ....	49	113	59	—	—	—	—	—	—
<b>Fires and explosions .....</b>	<b>5</b>	<b>3,486</b>	<b>179</b>	<b>148</b>	<b>86</b>	<b>198</b>	<b>1,702</b>	<b>160</b>	<b>—</b>
Fire—unintended or uncontrolled .....	51	1,592	—	—	—	—	1,153	—	—
Fire, unspecified .....	510	232	—	—	—	—	214	—	—
Fire in residence, building, or other structure .....	511	369	—	—	—	—	180	—	—
Ignition of clothing from controlled heat source .....	513	146	—	—	—	—	145	—	—
Fire, n.e.c. ....	519	811	—	—	—	—	590	—	—
Explosion .....	52	1,884	148	139	54	198	545	149	—
Explosion, unspecified .....	520	442	81	—	—	—	206	—	—
Explosion of battery .....	521	66	—	—	—	—	—	37	—
Explosion of pressure vessel or piping .....	522	910	59	106	—	165	166	102	—
Explosion, n.e.c. ....	529	466	—	—	36	—	150	—	—
<b>Assaults and violent acts .....</b>	<b>6</b>	<b>23,225</b>	<b>3,824</b>	<b>1,390</b>	<b>1,208</b>	<b>4,101</b>	<b>—</b>	<b>—</b>	<b>—</b>
Assaults and violent acts, unspecified .....	60	80	—	—	—	—	—	—	—
Assaults and violent acts by person(s) .....	61	16,644	3,695	813	741	3,668	—	—	—

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness,1999 — Continued

Event	Nature of injury or illness <sup>3</sup>							All other natures <sup>4</sup>
	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	
Fall from and struck by vehicle, mobile equipment .....	-	-	115	-	107	-	-	38
Overturned .....	-	-	257	36	96	-	-	200
Loss of control .....	-	-	99	19	-	-	-	44
Struck by shifting load .....	-	-	-	-	-	-	-	18
Sudden start or stop, n.e.c. ....	-	-	99	-	52	141	80	43
Noncollision incident, n.e.c. ....	-	-	54	-	-	92	45	248
Nonhighway incident, n.e.c. ....	-	-	-	-	-	104	-	280
Pedestrian, nonpassenger struck by vehicle, mobile equipment .....	-	-	1,364	286	415	526	-	1,717
Pedestrian struck by vehicle, mobile equipment, unspecified .....	-	-	130	-	54	42	-	306
Pedestrian struck by vehicle, mobile equipment in roadway .....	-	-	284	59	91	38	-	241
Pedestrian struck by vehicle, mobile equipment on side of road .....	-	-	108	-	-	-	-	125
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area .....	-	-	843	182	258	416	-	1,045
Railway incident .....	-	-	47	47	-	-	-	55
Collision between railway vehicle and other vehicle .....	-	-	47	47	-	-	-	-
Derailment .....	-	-	-	-	-	-	-	-
Railway incident, n.e.c. ....	-	-	-	-	-	-	-	-
Water vehicle incident .....	-	-	19	-	-	-	-	20
Fall from ship, boat, n.e.c. ....	-	-	-	-	-	-	-	-
Fall on ship, boat .....	-	-	19	-	-	-	-	-
Water vehicle incident, n.e.c. ....	-	-	-	-	-	-	-	-
Aircraft incident .....	-	-	39	-	36	87	-	138
Aircraft incident, unspecified .....	-	-	18	-	18	-	-	72
During takeoff or landing .....	-	-	-	-	-	40	-	-
Aircraft incident, n.e.c. ....	-	-	19	-	18	47	-	62
Transportation incident, n.e.c. ....	-	-	18	-	18	-	-	-
<b>Fires and explosions .....</b>	-	-	<b>275</b>	-	-	<b>50</b>	-	<b>689</b>
Fire—unintended or uncontrolled .....	-	-	-	-	-	-	-	342
Fire, unspecified .....	-	-	-	-	-	-	-	-
Fire in residence, building, or other structure .....	-	-	-	-	-	-	-	162
Ignition of clothing from controlled heat source .....	-	-	-	-	-	-	-	-
Fire, n.e.c. ....	-	-	-	-	-	-	-	173
Explosion .....	-	-	261	-	-	50	-	341
Explosion, unspecified .....	-	-	117	-	-	-	-	-
Explosion of battery .....	-	-	-	-	-	-	-	-
Explosion of pressure vessel or piping .....	-	-	99	-	-	-	-	178
Explosion, n.e.c. ....	-	-	44	16	-	-	-	132
<b>Assaults and violent acts .....</b>	-	<b>51</b>	<b>2,356</b>	<b>296</b>	<b>603</b>	<b>1,481</b>	<b>227</b>	<b>8,792</b>
Assaults and violent acts, unspecified .....	-	-	-	-	-	-	-	67
Assaults and violent acts by person(s) .....	-	51	2,160	285	578	1,391	227	4,107

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness, 1999 — Continued

Event	Event code <sup>2</sup>	Total cases	Nature of injury or illness <sup>3</sup>						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Assaults and violent acts by person(s), unspecified .....	610	2,282	530	71	115	422	—	—	—
Biting .....	611	686	—	—	69	297	—	—	—
Hitting, kicking, beating .....	612	7,536	791	521	218	2,196	—	—	—
Shooting .....	613	269	—	—	—	—	—	—	—
Squeezing, pinching, scratching, twisting .....	614	1,303	888	17	—	161	—	—	—
Stabbing .....	615	247	—	—	181	—	—	—	—
Threats or verbal assaults .....	617	346	—	—	—	—	—	—	—
Assaults and violent acts by person(s), n.e.c. ....	619	3,962	1,434	204	137	576	—	—	—
Self-inflicted injury .....	62	365	—	285	—	—	—	—	—
Self-inflicted injury, unspecified .....	620	172	—	97	—	—	—	—	—
Self-inflicted injury or fatality—intent unknown .....	622	193	—	188	—	—	—	—	—
Assaults by animals .....	63	6,135	115	286	451	427	—	—	—
Assaults by animals, unspecified ...	630	290	—	—	—	—	—	—	—
Nonvenomous bites .....	631	3,640	—	—	173	125	—	—	—
Assaults by animals, n.e.c. ....	639	2,205	104	264	264	289	—	—	—
<b>Other events or exposures</b> .....	9	141	6	—	—	—	—	—	—
<b>Nonclassifiable</b> .....	9999	28,292	7,983	831	1,002	1,578	—	—	64

See footnotes at end of table.

TABLE R31. Number of nonfatal occupational injuries and illnesses involving days away from work<sup>1</sup> by event or exposure leading to injury or illness and selected natures of injury or illness, 1999 — Continued

Event	Nature of injury or illness <sup>3</sup>							All other natures <sup>4</sup>
	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 by person(s), unspecified .....	—	—	468	—	224	109	—	566
Biting .....	—	—	—	—	—	—	—	302
Hitting, kicking, beating .....	—	—	1,363	261	288	918	159	1,527
Shooting .....	—	—	—	—	—	—	—	269
Squeezing, pinching, scratching, twisting .....	—	—	—	—	—	—	—	147
Stabbing .....	—	—	—	—	—	—	—	—
Threats or verbal assaults .....	—	—	—	—	—	—	—	327
Assaults and violent acts by person(s), n.e.c. ....	—	48	292	16	55	298	—	957
Self-inflicted injury .....	—	—	—	—	—	37	—	—
Self-inflicted injury, unspecified .....	—	—	—	—	—	37	—	—
Self-inflicted injury or fatality—intent unknown .....	—	—	—	—	—	—	—	—
Assaults by animals .....	—	—	196	—	—	52	—	4,607
Assaults by animals, unspecified ...	—	—	52	—	—	—	—	182
Nonvenomous bites .....	—	—	—	—	—	—	—	3,325
Assaults by animals, n.e.c. ....	—	—	137	—	19	46	—	1,100
<b>Other events or exposures</b> .....	—	—	4	—	—	25	—	106
<b>Nonclassifiable</b> .....	—	158	222	—	88	2,756	1,058	13,684

<sup>1</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

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

<sup>3</sup> 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.

<sup>4</sup> 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