

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, 1997

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		1,833,380	799,012	119,470	156,721	165,809	29,994	12,211	10,852
Contact with objects and equipment	0	494,428	50,236	51,392	142,989	97,103	—	—	10,588
Struck against object	01	128,860	20,238	7,290	48,709	27,599	—	—	1,166
Struck against object, unspecified ..	010	7,845	812	333	4,057	1,196	—	—	123
Stepped on object	011	11,621	5,355	656	4,417	507	—	—	—
Struck against stationary object	012	78,746	10,568	5,029	26,048	20,534	—	—	367
Struck against moving object	013	14,826	1,226	623	7,182	2,455	—	—	607
Struck against object, n.e.c.	019	15,822	2,276	649	7,005	2,906	—	—	69
Struck by object	02	239,341	20,639	30,880	68,957	54,809	—	—	2,223
Struck by object, unspecified	020	10,121	705	1,233	2,742	2,150	—	—	211
Struck by falling object	021	99,232	12,567	17,980	10,189	30,662	—	—	456
Struck by flying object	022	26,565	581	2,153	10,756	2,638	—	—	78
Struck by flying object, unspecified	0220	2,117	63	125	765	252	—	—	—
Struck by dislodged flying object, particle	0221	12,023	322	327	3,988	1,101	—	—	49
Struck by discharged object or substance	0222	7,562	41	1,186	4,773	757	—	—	—
Struck by flying object, n.e.c.	0229	4,863	154	515	1,230	529	—	—	—
Struck by swinging or slipping object	023	64,227	2,986	4,628	35,368	9,924	—	—	814
Struck by swinging or slipping object, unspecified	0230	1,414	252	109	309	193	—	—	—
Struck by or slammed in swinging door or gate	0231	10,624	1,104	1,489	1,585	3,240	—	—	403
Struck by slipping handheld object	0232	45,310	1,142	2,338	31,872	4,882	—	—	338
Struck by swinging or slipping object, n.e.c.	0239	6,880	488	691	1,602	1,609	—	—	73
Struck by rolling, sliding objects on floor or ground level	024	6,791	981	1,007	424	2,592	—	—	—
Struck by object, n.e.c.	029	32,404	2,819	3,880	9,478	6,843	—	—	656
Caught in or compressed by equipment or objects	03	80,137	6,360	12,654	17,327	12,664	—	—	7,078
Caught in or compressed by equipment or objects, unspecified	030	7,353	802	1,609	1,021	1,016	—	—	439
Caught in running equipment or machinery	031	30,236	838	3,747	10,063	2,590	—	—	4,349
Compressed or pinched by rolling, sliding, or shifting objects	032	12,707	1,299	2,434	1,064	3,106	—	—	643
Caught in or compressed by equipment or objects, n.e.c.	039	29,841	3,422	4,864	5,179	5,953	—	—	1,648
Caught in or crushed in collapsing materials	04	463	99	55	—	85	—	—	—
Caught in or crushed in collapsing materials, unspecified	040	80	—	—	—	—	—	—	—
Excavation or trenching cave-in	041	143	—	19	—	—	—	—	—
Other cave-in	042	56	—	—	—	—	—	—	—
Caught in or crushed in collapsing structure	044	123	—	—	—	—	—	—	—
Caught in or crushed in collapsing materials, n.e.c.	049	58	—	—	—	—	—	—	—
Rubbed or abraded by friction or pressure	05	29,688	244	—	479	462	—	—	—
Rubbed or abraded by friction or pressure, unspecified	050	103	—	—	—	—	—	—	—

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, 1997 — 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	
Private industry	29,244	17,961	59,803	11,037	22,273	115,411	48,742	316,892
Contact with objects and equipment	249	723	19,812	4,835	4,743	17,328	2,024	104,007
Struck against object	—	287	3,914	735	941	4,565	345	15,091
Struck against object, unspecified ..	—	—	171	67	—	185	—	953
Stepped on object	—	—	99	—	—	242	56	335
Struck against stationary object	—	208	2,427	263	763	2,870	195	10,694
Struck against moving object	—	—	734	223	86	427	72	1,560
Struck against object, n.e.c.	—	42	484	170	44	841	—	1,549
Struck by object	244	352	10,487	2,210	2,893	9,590	1,308	41,159
Struck by object, unspecified	—	—	533	97	89	603	111	1,930
Struck by falling object	—	149	5,274	932	1,992	5,294	721	16,655
Struck by flying object	—	—	1,066	203	55	388	—	8,896
Struck by flying object, unspecified	—	—	136	48	—	47	—	729
Struck by dislodged flying object, particle	—	—	306	68	—	148	—	5,773
Struck by discharged object or substance	—	—	204	66	—	—	—	559
Struck by flying object, n.e.c.	—	—	421	—	—	155	—	1,835
Struck by swinging or slipping object	—	58	1,802	474	352	1,476	185	7,171
Struck by swinging or slipping object, unspecified	—	—	108	—	—	42	—	395
Struck by or slammed in swinging door or gate	—	19	283	48	114	589	133	1,912
Struck by slipping handheld object	—	—	1,036	310	182	668	19	2,999
Struck by swinging or slipping object, n.e.c.	—	—	375	108	56	177	—	1,865
Struck by rolling, sliding objects on floor or ground level	—	20	512	73	186	230	49	1,017
Struck by object, n.e.c.	232	105	1,300	432	218	1,599	215	5,491
Caught in or compressed by equipment or objects	—	56	4,799	1,787	745	1,871	—	17,326
Caught in or compressed by equipment or objects, unspecified	—	—	489	83	—	212	—	1,765
Caught in running equipment or machinery	—	—	1,894	797	180	387	—	6,330
Compressed or pinched by rolling, sliding, or shifting objects	—	—	950	276	318	290	—	2,911
Caught in or compressed by equipment or objects, n.e.c.	—	—	1,467	631	209	982	19	6,320
Caught in or crushed in collapsing materials	—	—	82	—	—	—	—	112
Caught in or crushed in collapsing materials, unspecified	—	—	—	—	—	—	—	—
Excavation or trenching cave-in	—	—	—	—	—	—	—	42
Other cave-in	—	—	—	—	—	—	—	—
Caught in or crushed in collapsing structure	—	—	—	20	—	—	—	—
Caught in or crushed in collapsing materials, n.e.c.	—	—	—	—	—	—	—	—
Rubbed or abraded by friction or pressure	—	—	177	—	52	465	—	27,829
Rubbed or abraded by friction or pressure, unspecified	—	—	—	—	—	—	—	60

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, 1997 — 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 kneeling on surface	051	1,095	206	—	—	127	—	—	—
Rubbed or abraded by objects being handled	052	610	—	—	258	—	—	—	—
Rubbed or abraded by foreign matter in eye	053	27,344	—	—	—	156	—	—	—
Rubbed or abraded by friction or pressure, n.e.c.	059	536	—	—	180	132	—	—	—
Rubbed, abraded, or jarred by vibration	06	2,749	1,776	—	—	147	—	—	—
Rubbed, abraded, or jarred by vibration, unspecified	060	55	—	—	—	—	—	—	—
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration	061	1,935	1,307	—	—	104	—	—	—
Rubbed, abraded, or jarred by other machine or equipment vibration	062	486	282	—	—	—	—	—	—
Rubbed, abraded, or jarred by vibration, n.e.c.	069	273	158	—	—	—	—	—	—
Contact with objects and equipment, n.e.c.	09	3,254	498	163	1,678	150	—	—	—
Falls	1	313,335	112,584	55,296	8,227	51,503	—	—	—
Fall, unspecified	10	4,898	1,499	731	68	1,005	—	—	—
Fall to lower level	11	99,882	34,431	21,468	2,202	13,300	—	—	—
Fall to lower level, unspecified	110	2,670	821	528	199	355	—	—	—
Fall down stairs or steps	111	24,482	10,554	3,232	819	3,708	—	—	—
Fall from floor, dock, or ground level	112	6,325	2,351	1,386	157	902	—	—	—
Fall from floor, dock, or ground level, unspecified	1120	1,500	877	208	—	208	—	—	—
Fall through existing floor opening	1121	1,169	206	485	—	210	—	—	—
Fall through floor surface	1122	637	283	157	—	43	—	—	—
Fall from loading dock	1123	1,369	430	207	—	261	—	—	—
Fall from ground level to lower level	1124	1,205	457	128	—	160	—	—	—
Fall from floor, dock, or ground level, n.e.c.	1129	444	97	202	—	20	—	—	—
Fall from ladder	113	24,859	7,671	6,464	428	3,091	—	—	—
Fall from piled or stacked material	114	1,126	476	171	—	107	—	—	—
Fall from roof	115	3,341	619	1,091	102	420	—	—	—
Fall from roof, unspecified	1150	746	193	322	—	112	—	—	—
Fall through existing roof opening	1151	181	—	69	—	44	—	—	—
Fall through roof surface	1152	359	123	71	—	58	—	—	—
Fall through skylight	1153	236	—	66	—	—	—	—	—
Fall from roof edge	1154	1,165	224	336	50	43	—	—	—
Fall from roof, n.e.c.	1159	653	43	228	46	162	—	—	—
Fall from scaffold, staging	116	4,466	987	1,215	—	499	—	—	—
Fall from building girders or other structural steel	117	649	195	197	—	—	—	—	—
Fall from nonmoving vehicle	118	18,377	6,096	4,929	281	2,494	—	—	—
Fall to lower level, n.e.c.	119	13,587	4,660	2,257	169	1,689	—	—	—
Jump to lower level	12	8,558	5,325	1,438	—	498	—	—	—
Jump to lower level, unspecified	120	281	188	—	18	—	—	—	—
Jump from scaffold, platform, loading dock	121	869	651	—	—	—	—	—	—

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, 1997 — 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 kneeling on surface	-	-	71	-	52	361	-	320
Rubbed or abraded by objects being handled	-	-	-	-	-	-	-	217
Rubbed or abraded by foreign matter in eye	-	-	67	-	-	50	-	27,022
Rubbed or abraded by friction or pressure, n.e.c.	-	-	-	-	-	-	-	210
Rubbed, abraded, or jarred by vibration	-	-	-	-	-	446	292	368
Rubbed, abraded, or jarred by vibration, unspecified	-	-	-	-	-	-	-	-
Rubbed, abraded, or jarred by vehicle or mobile equipment vibration	-	-	-	-	-	320	234	196
Rubbed, abraded, or jarred by other machine or equipment vibration	-	-	-	-	-	74	-	119
Rubbed, abraded, or jarred by vibration, n.e.c.	-	-	-	-	-	49	-	-
Contact with objects and equipment, n.e.c.	-	-	107	-	-	-	-	599
Falls	80	372	26,514	4,275	12,824	20,081	6,022	38,653
Fall, unspecified	-	-	425	50	83	512	104	654
Fall to lower level	47	-	9,989	2,264	3,460	5,148	2,018	13,252
Fall to lower level, unspecified	-	-	190	-	-	119	41	452
Fall down stairs or steps	-	-	1,833	224	862	1,268	445	3,052
Fall from floor, dock, or ground level	-	-	661	114	208	215	65	654
Fall from floor, dock, or ground level, unspecified	-	-	-	-	-	-	-	162
Fall through existing floor opening	-	-	90	-	-	77	47	65
Fall through floor surface	-	-	-	-	-	76	-	-
Fall from loading dock	-	-	215	48	125	-	-	204
Fall from ground level to lower level	-	-	263	-	-	-	-	157
Fall from floor, dock, or ground level, n.e.c.	-	-	48	-	-	-	-	-
Fall from ladder	-	-	2,802	646	945	1,455	765	2,941
Fall from piled or stacked material	47	-	-	-	-	88	20	185
Fall from roof	-	-	423	155	189	344	263	342
Fall from roof, unspecified	-	-	-	-	-	-	-	73
Fall through existing roof opening	-	-	-	-	-	-	-	-
Fall through roof surface	-	-	62	-	-	-	-	-
Fall through skylight	-	-	146	-	146	-	-	-
Fall from roof edge	-	-	131	75	-	257	227	123
Fall from roof, n.e.c.	-	-	46	-	-	-	-	105
Fall from scaffold, staging	-	-	431	193	128	330	84	977
Fall from building girders or other structural steel	-	-	-	-	-	44	-	162
Fall from nonmoving vehicle	-	-	1,779	413	686	835	159	1,948
Fall to lower level, n.e.c.	-	-	1,823	476	419	450	157	2,539
Jump to lower level	-	-	174	-	87	529	200	561
Jump to lower level, unspecified	-	-	-	-	-	-	-	41
Jump from scaffold, platform, loading dock	-	-	-	-	-	41	-	87

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, 1997 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Jump from structure, structural element, n.e.c.	122	736	589	—	—	18	—	—	—
Jump from nonmoving vehicle	123	4,565	2,631	898	—	370	—	—	—
Jump to lower level, n.e.c.	129	2,107	1,266	460	—	71	—	—	—
Fall on same level	13	198,128	70,637	31,341	5,761	36,610	—	—	—
Fall on same level, unspecified	130	1,455	430	184	92	264	—	—	—
Fall to floor, walkway, or other surface	131	168,994	64,404	27,800	2,391	28,653	—	—	—
Fall onto or against objects	132	25,015	5,049	3,042	3,261	7,318	—	—	—
Fall on same level, n.e.c.	139	2,664	755	315	—	375	—	—	—
Fall, n.e.c.	19	1,869	692	319	167	89	—	—	—
Bodily reaction and exertion	2	801,167	593,889	3,573	—	592	—	—	—
Bodily reaction and exertion, unspecified	20	10,240	6,377	—	—	—	—	—	—
Bodily reaction	21	198,071	161,350	2,704	—	361	—	—	—
Bodily reaction, unspecified	210	10,248	7,858	52	—	—	—	—	—
Bending, climbing, crawling, reaching, twisting	211	78,118	64,603	318	—	108	—	—	—
Sudden reaction when surprised, frightened, startled	212	1,610	1,272	—	—	—	—	—	—
Running—without other incident	213	1,379	1,037	84	—	—	—	—	—
Sitting	214	765	464	—	—	—	—	—	—
Slip, trip, loss of balance—without fall	215	57,425	47,752	1,080	—	42	—	—	—
Standing	216	1,661	918	—	—	—	—	—	—
Walking—without other incident	217	6,905	5,372	132	—	—	—	—	—
Bodily reaction, n.e.c.	219	39,960	32,076	1,014	—	173	—	—	—
Overexertion	22	507,520	407,932	801	—	226	—	—	—
Overexertion, unspecified	220	40,017	30,526	287	—	61	—	—	—
Overexertion in lifting	221	297,317	241,981	240	—	43	—	—	—
Overexertion in pulling or pushing objects	222	75,896	61,860	196	—	—	—	—	—
Overexertion in holding, carrying, turning, or welding objects	223	61,143	48,182	—	—	55	—	—	—
Overexertion in throwing objects	224	2,702	2,262	—	—	—	—	—	—
Overexertion, n.e.c.	229	30,445	23,122	44	—	—	—	—	—
Repetitive motion	23	75,188	14,383	—	—	—	—	—	—
Repetitive motion, unspecified	230	17,410	3,426	—	—	—	—	—	—
Typing or keyentry	231	11,160	777	—	—	—	—	—	—
Repetitive use of tools	232	10,471	2,038	—	—	—	—	—	—
Repetitive placing, grasping, or moving objects, except tools	233	24,621	5,032	—	—	—	—	—	—
Repetitive motion, n.e.c.	239	11,527	3,109	—	—	—	—	—	—
Sustained viewing	24	136	—	—	—	—	—	—	—
Bodily conditions, n.e.c.	25	4,108	—	—	—	—	—	—	—
Bodily reaction and exertion, n.e.c.	29	5,905	3,808	54	—	—	—	—	—
Exposure to harmful substances or environments	3	83,441	—	—	63	—	27,792	12,020	—
Exposure to harmful substances or environments, unspecified	30	306	—	—	—	—	—	—	—
Contact with electric current	31	3,710	—	—	—	—	—	—	—
Contact with electric current, unspecified	310	365	—	—	—	—	—	—	—
Contact with electric current of machine, tool, appliance, or light fixture	311	1,413	—	—	—	—	—	—	—
Contact with wiring, transformers, or other electrical components	312	1,390	—	—	—	—	—	—	—

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, 1997 — 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	
Jump from structure, structural element, n.e.c.	-	-	-	-	-	-	-	62
Jump from nonmoving vehicle	-	-	54	-	-	335	165	276
Jump to lower level, n.e.c.	-	-	94	-	41	116	-	95
Fall on same level	-	326	15,761	1,906	9,166	13,664	3,682	23,991
Fall on same level, unspecified	-	-	77	-	49	172	46	236
Fall to floor, walkway, or other surface	-	291	13,431	1,579	8,079	11,745	3,332	20,249
Fall onto or against objects	-	-	1,961	305	857	1,453	267	2,912
Fall on same level, n.e.c.	-	-	292	-	180	294	-	594
Fall, n.e.c.	-	-	165	-	-	229	18	195
Bodily reaction and exertion	28,882	16,462	753	184	177	66,906	36,684	90,096
Bodily reaction and exertion, unspecified	-	327	-	-	-	1,405	674	2,103
Bodily reaction	-	1,253	233	172	-	17,678	9,264	14,488
Bodily reaction, unspecified	-	95	-	-	-	1,329	631	915
Bending, climbing, crawling, reaching, twisting	-	542	46	-	-	7,734	5,105	4,766
Sudden reaction when surprised, frightened, startled	-	-	-	-	-	246	108	66
Running—without other incident	-	-	-	-	-	140	-	81
Sitting	-	-	-	-	-	181	150	120
Slip, trip, loss of balance—without fall	-	159	113	104	-	4,176	2,046	4,101
Standing	-	-	-	-	-	386	117	291
Walking—without other incident	-	18	-	-	-	675	94	652
Bodily reaction, n.e.c.	-	343	48	-	-	2,810	1,003	3,497
Overexertion	106	3,300	482	-	150	41,374	26,109	53,296
Overexertion, unspecified	-	380	161	-	-	3,763	2,068	4,835
Overexertion in lifting	47	1,493	239	-	124	22,806	15,696	30,468
Overexertion in pulling or pushing objects	-	606	-	-	-	5,702	3,035	7,437
Overexertion in holding, carrying, turning, or wielding objects	-	428	-	-	19	5,809	3,676	6,600
Overexertion in throwing objects	-	60	-	-	-	208	87	157
Overexertion, n.e.c.	-	333	-	-	-	3,086	1,548	3,799
Repetitive motion	28,759	11,246	-	-	-	6,140	489	14,602
Repetitive motion, unspecified	6,987	2,229	-	-	-	1,496	102	3,269
Typing or keyentry	6,735	1,468	-	-	-	511	-	1,670
Repetitive use of tools	3,947	1,590	-	-	-	891	124	1,991
Repetitive placing, grasping, or moving objects, except tools	7,655	4,478	-	-	-	2,246	151	5,168
Repetitive motion, n.e.c.	3,434	1,482	-	-	-	997	102	2,504
Sustained viewing	-	-	-	-	-	-	-	125
Bodily conditions, n.e.c.	-	-	-	-	-	-	-	4,065
Bodily reaction and exertion, n.e.c.	-	336	-	-	-	291	148	1,416
Exposure to harmful substances or environments	-	-	-	-	-	484	-	43,079
Exposure to harmful substances or environments, unspecified	-	-	-	-	-	-	-	294
Contact with electric current	-	-	-	-	-	-	-	3,710
Contact with electric current, unspecified	-	-	-	-	-	-	-	365
Contact with electric current of machine, tool, appliance, or light fixture	-	-	-	-	-	-	-	1,413
Contact with wiring, transformers, or other electrical components	-	-	-	-	-	-	-	1,390

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, 1997 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Contact with overhead power lines	313	79	-	-	-	-	-	-	-
Contact with underground, buried power lines	314	52	-	-	-	-	-	-	-
Contact with electric current, n.e.c.	319	386	-	-	-	-	-	-	-
Contact with temperature extremes ...	32	29,921	-	-	19	-	27,792	-	-
Exposure to environmental heat	321	1,630	-	-	-	-	-	-	-
Exposure to environmental cold	322	244	-	-	-	-	-	-	-
Contact with hot objects or substances	323	27,886	-	-	19	-	27,792	-	-
Contact with cold objects or substances	324	143	-	-	-	-	-	-	-
Exposure to air pressure changes	33	1,303	-	-	-	-	-	-	-
Pressure changes in airplane, other aircraft	332	1,222	-	-	-	-	-	-	-
Exposure to caustic, noxious, or allergenic substances	34	41,028	-	-	43	-	-	12,020	-
Exposure to caustic, noxious, or allergenic substances, unspecified	340	4,708	-	-	-	-	-	507	-
Inhalation of substance	341	9,275	-	-	-	-	-	-	-
Inhalation of substance, unspecified	3410	5,180	-	-	-	-	-	-	-
Inhalation in enclosed, restricted, or confined space	3411	966	-	-	-	-	-	-	-
Inhalation in open or nonconfined space	3412	3,129	-	-	-	-	-	-	-
Contact with skin or other exposed tissue	342	20,162	-	-	-	-	-	10,980	-
Injections, stings, venomous bites	343	3,720	-	-	-	-	-	-	-
Injections, stings, venomous bites, unspecified	3430	400	-	-	-	-	-	-	-
Needle sticks	3431	365	-	-	-	-	-	-	-
Bee, wasp, hornet sting	3432	1,672	-	-	-	-	-	-	-
Other stings or venomous bites	3433	713	-	-	-	-	-	-	-
Injections, stings, venomous bites, n.e.c.	3439	570	-	-	-	-	-	-	-
Ingestion of substance	344	530	-	-	-	-	-	-	-
Exposure to caustic, noxious, or allergenic substances, n.e.c.	349	2,633	-	-	-	-	-	533	-
Exposure to noise	35	212	-	-	-	-	-	-	-
Exposure to noise, unspecified	350	70	-	-	-	-	-	-	-
Exposure to noise in single incident	352	113	-	-	-	-	-	-	-
Exposure to radiation	36	5,079	-	-	-	-	-	-	-
Exposure to welding light	362	4,932	-	-	-	-	-	-	-
Exposure to radiation, n.e.c.	369	121	-	-	-	-	-	-	-
Exposure to traumatic or stressful event, n.e.c.	37	1,749	-	-	-	-	-	-	-
Exposure to harmful substances or environments, n.e.c.	39	111	-	-	-	-	-	-	-
Transportation incidents	4	74,134	25,093	7,044	2,333	10,491	20	-	53
Transportation incident, unspecified ..	40	3,714	1,008	288	91	177	-	-	-
Highway incident	41	45,599	18,896	2,784	1,348	4,531	20	-	-
Highway incident, unspecified	410	3,631	1,273	593	81	346	-	-	-

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, 1997 — 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	
Contact with overhead power lines	-	-	-	-	-	-	-	79
Contact with underground, buried power lines	-	-	-	-	-	-	-	52
Contact with electric current, n.e.c.	-	-	-	-	-	-	-	386
Contact with temperature extremes ...	-	-	-	-	-	60	-	2,045
Exposure to environmental heat	-	-	-	-	-	50	-	1,580
Exposure to environmental cold	-	-	-	-	-	-	-	240
Contact with hot objects or substances	-	-	-	-	-	-	-	68
Contact with cold objects or substances	-	-	-	-	-	-	-	140
Exposure to air pressure changes	-	-	-	-	-	-	-	1,290
Pressure changes in airplane, other aircraft	-	-	-	-	-	-	-	1,216
Exposure to caustic, noxious, or allergenic substances	-	-	-	-	-	271	-	28,694
Exposure to caustic, noxious, or allergenic substances, unspecified	-	-	-	-	-	-	-	4,176
Inhalation of substance	-	-	-	-	-	-	-	9,275
Inhalation of substance, unspecified	-	-	-	-	-	-	-	5,180
Inhalation in enclosed, restricted, or confined space	-	-	-	-	-	-	-	966
Inhalation in open or nonconfined space	-	-	-	-	-	-	-	3,129
Contact with skin or other exposed tissue	-	-	-	-	-	217	-	8,950
Injections, stings, venomous bites	-	-	-	-	-	-	-	3,675
Injections, stings, venomous bites, unspecified	-	-	-	-	-	-	-	400
Needle sticks	-	-	-	-	-	-	-	336
Bee, wasp, hornet sting	-	-	-	-	-	-	-	1,657
Other stings or venomous bites	-	-	-	-	-	-	-	713
Injections, stings, venomous bites, n.e.c.	-	-	-	-	-	-	-	569
Ingestion of substance	-	-	-	-	-	-	-	524
Exposure to caustic, noxious, or allergenic substances, n.e.c.	-	-	-	-	-	-	-	2,095
Exposure to noise	-	-	-	-	-	-	-	212
Exposure to noise, unspecified	-	-	-	-	-	-	-	70
Exposure to noise in single incident	-	-	-	-	-	-	-	113
Exposure to radiation	-	-	-	-	-	-	-	5,079
Exposure to welding light	-	-	-	-	-	-	-	4,932
Exposure to radiation, n.e.c.	-	-	-	-	-	-	-	121
Exposure to traumatic or stressful event, n.e.c.	-	-	-	-	-	127	-	1,622
Exposure to harmful substances or environments, n.e.c.	-	-	-	-	-	-	-	109
Transportation incidents	-	-	10,084	1,618	3,452	6,385	2,593	12,585
Transportation incident, unspecified ..	-	-	569	159	168	567	47	1,014
Highway incident	-	-	5,912	859	2,085	4,439	2,031	7,628
Highway incident, unspecified	-	-	464	80	205	322	92	552

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, 1997 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Collision between vehicles, mobile equipment	411	30,950	14,106	1,447	783	2,852	—	—	—
Collision between vehicles, mobile equipment, unspecified	4110	9,357	3,799	595	206	863	—	—	—
Re-entrant collision	4111	227	121	—	—	—	—	—	—
Moving in same direction	4112	7,213	3,929	204	302	490	—	—	—
Moving in opposite directions, oncoming	4113	1,783	387	95	—	339	—	—	—
Moving in intersection	4114	4,425	1,622	365	102	592	—	—	—
Moving and standing vehicle, mobile equipment— in roadway	4115	5,352	3,025	50	78	256	—	—	—
Moving and standing vehicle, mobile equipment—side of road	4116	267	121	—	—	64	—	—	—
Collision between vehicles, mobile equipment, n.e.c.	4119	2,325	1,102	114	59	215	—	—	—
Vehicle struck stationary object or equipment in roadway	412	327	109	—	—	51	—	—	—
Vehicle struck stationary object, equipment on side of road	413	1,851	471	198	50	286	—	—	—
Noncollision incident	414	8,347	2,723	473	412	898	—	—	—
Noncollision incident, unspecified	4140	123	—	—	—	—	—	—	—
Jack-knifed or overturned—no collision	4141	3,149	802	148	266	303	—	—	—
Ran off highway—no collision	4142	2,153	446	92	51	88	—	—	—
Sudden start or stop, n.e.c.	4144	1,757	684	92	83	440	—	—	—
Noncollision incident, n.e.c.	4149	1,125	744	117	—	—	—	—	—
Highway incident, n.e.c.	419	493	214	68	19	97	—	—	—
Nonhighway incident, except rail, air, water	42	10,696	3,131	1,527	581	2,025	—	—	—
Nonhighway incident, unspecified ..	420	353	79	—	86	—	—	—	—
Collision between vehicles or mobile equipment	421	1,666	736	253	49	269	—	—	—
Vehicle, mobile equipment struck stationary object	422	2,034	523	299	135	572	—	—	—
Noncollision incident	423	5,846	1,667	832	257	1,027	—	—	—
Noncollision incident, unspecified	4230	58	—	—	—	—	—	—	—
Fall from moving vehicle, mobile equipment	4231	1,461	388	240	61	213	—	—	—
Fall from and struck by vehicle, mobile equipment	4232	207	—	85	—	42	—	—	—
Overtaken	4233	1,333	297	126	84	336	—	—	—
Loss of control	4234	378	—	63	—	49	—	—	—
Struck by shifting load	4235	165	76	—	—	—	—	—	—
Sudden start or stop, n.e.c.	4236	972	263	78	64	199	—	—	—
Noncollision incident, n.e.c.	4239	1,272	592	191	—	160	—	—	—
Nonhighway incident, n.e.c.	429	797	126	127	54	124	—	—	—
Pedestrian, nonpassenger struck by vehicle, mobile equipment	43	12,659	1,429	2,244	277	3,547	—	—	20
Pedestrian struck by vehicle, mobile equipment, unspecified	430	1,711	214	218	—	485	—	—	—
Pedestrian struck by vehicle, mobile equipment in roadway	431	1,460	106	158	—	440	—	—	—
Pedestrian struck by vehicle, mobile equipment on side of road	432	410	—	60	—	118	—	—	—

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, 1997 — 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	
Collision between vehicles, mobile equipment	-	-	3,404	509	1,496	2,712	1,010	5,595
Collision between vehicles, mobile equipment, unspecified	-	-	1,284	196	706	955	358	1,640
Re-entrant collision	-	-	47	-	-	-	-	-
Moving in same direction	-	-	493	94	156	695	271	1,074
Moving in opposite directions, oncoming	-	-	445	105	135	-	-	440
Moving in intersection	-	-	675	41	270	455	86	614
Moving and standing vehicle, mobile equipment— in roadway	-	-	247	-	140	346	226	1,341
Moving and standing vehicle, mobile equipment—side of road	-	-	-	-	-	-	-	-
Collision between vehicles, mobile equipment, n.e.c.	-	-	208	48	82	177	63	451
Vehicle struck stationary object or equipment in roadway	-	-	93	-	-	19	-	48
Vehicle struck stationary object, equipment on side of road	-	-	454	150	109	62	-	331
Noncollision incident	-	-	1,480	111	269	1,295	902	1,054
Noncollision incident, unspecified	-	-	-	-	-	-	-	-
Jack-knifed or overturned—no collision	-	-	965	-	107	286	82	378
Ran off highway—no collision	-	-	409	73	110	851	779	216
Sudden start or stop, n.e.c.	-	-	41	-	-	99	-	317
Noncollision incident, n.e.c.	-	-	-	-	-	56	-	130
Highway incident, n.e.c.	-	-	-	-	-	-	-	48
Nonhighway incident, except rail, air, water	-	-	1,525	165	829	639	257	1,245
Nonhighway incident, unspecified ..	-	-	-	-	-	105	-	-
Collision between vehicles or mobile equipment	-	-	131	-	90	77	-	151
Vehicle, mobile equipment struck stationary object	-	-	210	-	86	65	-	228
Noncollision incident	-	-	873	107	357	373	195	805
Noncollision incident, unspecified	-	-	-	-	-	-	-	-
Fall from moving vehicle, mobile equipment	-	-	296	-	101	72	-	191
Fall from and struck by vehicle, mobile equipment	-	-	55	-	-	-	-	-
Overturned	-	-	270	-	106	82	-	137
Loss of control	-	-	74	-	-	81	79	64
Struck by shifting load	-	-	-	-	-	-	-	-
Sudden start or stop, n.e.c.	-	-	107	-	62	-	-	218
Noncollision incident, n.e.c.	-	-	63	-	56	73	65	166
Nonhighway incident, n.e.c.	-	-	300	-	285	19	19	-
Pedestrian, nonpassenger struck by vehicle, mobile equipment	-	-	1,936	426	332	694	243	2,501
Pedestrian struck by vehicle, mobile equipment, unspecified	-	-	103	-	20	174	106	511
Pedestrian struck by vehicle, mobile equipment in roadway	-	-	299	99	49	63	-	389
Pedestrian struck by vehicle, mobile equipment on side of road	-	-	46	-	-	50	-	94

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, 1997 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	433	9,077	1,072	1,808	272	2,504	—	—	—
Railway incident	44	415	211	93	—	56	—	—	—
Collision between railway vehicle and other object	443	55	—	—	—	—	—	—	—
Derailment	445	73	—	—	—	—	—	—	—
Railway incident, n.e.c.	449	233	105	77	—	—	—	—	—
Water vehicle incident	45	350	130	50	—	53	—	—	—
Fall from ship, boat, n.e.c.	453	85	—	—	—	—	—	—	—
Fall on ship, boat	454	133	84	—	—	—	—	—	—
Water vehicle incident, n.e.c.	459	96	—	—	19	—	—	—	—
Aircraft incident	46	523	265	—	—	95	—	—	—
Aircraft incident, unspecified	460	75	—	—	—	—	—	—	—
During takeoff or landing	461	48	—	—	—	—	—	—	—
Aircraft incident, n.e.c.	469	400	242	—	—	81	—	—	—
Transportation incident, n.e.c.	49	179	—	—	—	—	—	—	—
Fires and explosions	5	3,716	70	55	152	84	2,173	186	—
Fire—unintended or uncontrolled	51	2,043	—	—	—	—	1,645	—	—
Fire, unspecified	510	336	—	—	—	—	260	—	—
Fire in residence, building, or other structure	511	682	—	—	—	—	444	—	—
Ignition of clothing from controlled heat source	513	207	—	—	—	—	207	—	—
Fire, n.e.c.	519	781	—	—	—	—	703	—	—
Explosion	52	1,653	—	55	152	82	516	184	—
Explosion, unspecified	520	184	—	—	—	—	114	—	—
Explosion of battery	521	364	—	—	—	—	—	133	—
Explosion of pressure vessel or piping	522	645	—	52	89	49	223	—	—
Explosion, n.e.c.	529	460	—	—	64	—	165	—	—
Assaults and violent acts	6	27,060	7,138	1,233	1,211	4,489	—	—	—
Assaults and violent acts, unspecified	60	109	—	—	—	54	—	—	—
Assaults and violent acts by person(s)	61	21,329	6,863	973	860	4,069	—	—	—
Assaults and violent acts by person(s), unspecified	610	4,899	2,811	187	194	548	—	—	—
Biting	611	603	—	—	61	45	—	—	—
Hitting, kicking, beating	612	7,824	942	401	357	2,809	—	—	—
Shooting	613	448	—	—	—	—	—	—	—
Squeezing, pinching, scratching, twisting	614	1,902	1,049	77	—	147	—	—	—
Stabbing	615	99	—	—	83	—	—	—	—
Rape	616	18	—	—	—	—	—	—	—
Threats or verbal assaults	617	334	—	—	—	—	—	—	—
Assaults and violent acts by person(s), n.e.c.	619	5,202	2,053	307	155	513	—	—	—
Self-inflicted injury	62	92	—	83	—	—	—	—	—
Self-inflicted injury, unspecified	620	92	—	83	—	—	—	—	—
Assaults by animals	63	5,530	267	174	351	366	—	—	—
Assaults by animals, unspecified ...	630	180	—	—	—	—	—	—	—
Nonvenomous bites	631	3,822	—	—	200	—	—	—	—
Assaults by animals, n.e.c.	639	1,528	257	140	136	338	—	—	—

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, 1997 — 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	
Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	-	-	1,487	312	240	406	103	1,508
Railway incident	-	-	-	-	-	-	-	-
Collision between railway vehicle and other object	-	-	-	-	-	-	-	-
Derailment	-	-	-	-	-	-	-	-
Railway incident, n.e.c.	-	-	-	-	-	-	-	-
Water vehicle incident	-	-	76	-	-	-	-	-
Fall from ship, boat, n.e.c.	-	-	58	-	-	-	-	-
Fall on ship, boat	-	-	-	-	-	-	-	-
Water vehicle incident, n.e.c.	-	-	-	-	-	-	-	-
Aircraft incident	-	-	-	-	-	-	-	79
Aircraft incident, unspecified	-	-	-	-	-	-	-	-
During takeoff or landing	-	-	-	-	-	-	-	-
Aircraft incident, n.e.c.	-	-	-	-	-	-	-	42
Transportation incident, n.e.c.	-	-	-	-	-	-	-	78
Fires and explosions	-	-	255	-	-	-	-	733
Fire—unintended or uncontrolled	-	-	-	-	-	-	-	355
Fire, unspecified	-	-	-	-	-	-	-	76
Fire in residence, building, or other structure	-	-	-	-	-	-	-	197
Ignition of clothing from controlled heat source	-	-	-	-	-	-	-	-
Fire, n.e.c.	-	-	-	-	-	-	-	78
Explosion	-	-	247	-	-	-	-	371
Explosion, unspecified	-	-	-	-	-	-	-	54
Explosion of battery	-	-	158	-	-	-	-	54
Explosion of pressure vessel or piping	-	-	60	-	-	-	-	133
Explosion, n.e.c.	-	-	-	-	-	-	-	130
Assaults and violent acts	-	-	2,168	79	1,008	1,558	507	9,216
Assaults and violent acts, unspecified	-	-	-	-	-	-	-	45
Assaults and violent acts by person(s)	-	-	2,060	79	975	1,528	496	4,928
Assaults and violent acts by person(s), unspecified	-	-	306	-	-	222	185	630
Biting	-	-	-	-	-	-	-	477
Hitting, kicking, beating	-	-	1,287	41	810	815	166	1,212
Shooting	-	-	-	-	-	-	-	448
Squeezing, pinching, scratching, twisting	-	-	104	-	83	143	-	338
Stabbing	-	-	-	-	-	-	-	-
Rape	-	-	-	-	-	-	-	18
Threats or verbal assaults	-	-	-	-	-	-	-	327
Assaults and violent acts by person(s), n.e.c.	-	-	344	-	65	341	145	1,476
Self-inflicted injury	-	-	-	-	-	-	-	-
Self-inflicted injury, unspecified	-	-	-	-	-	-	-	-
Assaults by animals	-	-	105	-	-	-	-	4,237
Assaults by animals, unspecified ...	-	-	-	-	-	-	-	78
Nonvenomous bites	-	-	-	-	-	-	-	3,595
Assaults by animals, n.e.c.	-	-	68	-	-	-	-	565

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, 1997 — Continued

Event	Event code ²	Total cases	Nature of injury or illness ³						
			Sprains, strains	Fractures	Cuts, punctures	Bruises	Heat burns	Chemical burns	Amputations
Other events or exposures	9	36,100	10,002	876	1,732	1,547	—	—	187
Nonclassifiable	9999	35,851	9,960	863	1,639	1,539	—	—	187

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, 1997 — 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	
Other events or exposures	—	335	216	—	68	2,662	905	18,524
Nonclassifiable	—	333	214	—	66	2,659	905	18,437

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

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