

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness,1998

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Private industry		1,730,534	476,846	230,931	126,374	78,379	95,460	184,682	55,363
Managerial and professional specialty		98,941	15,936	8,418	4,838	1,602	4,482	16,498	3,522
Executive, administrative, managerial		40,426	7,069	3,647	1,787	1,038	2,285	7,915	1,715
Financial managers	007	1,108	87	37	—	—	48	459	—
Personnel and labor relations	008	138	—	—	—	—	—	—	—
Purchasing managers	009	177	—	—	—	—	—	57	—
Managers, marketing, advertising, public relations	013	1,524	152	88	41	—	41	269	—
Administrators, education	014	514	75	51	—	—	44	117	20
Managers, medicine and health	015	1,538	300	191	100	—	—	407	80
Managers, food and lodging	017	4,700	557	247	226	62	151	1,435	525
Managers, properties, real estate ..	018	955	288	125	—	19	—	225	70
Funeral directors	019	171	—	—	—	—	—	106	—
Managers, service organizations, n.e.c.	021	1,407	109	40	53	—	49	524	—
Managers and administrators, n.e.c.	022	17,793	4,062	1,984	959	779	999	2,699	621
Accountants and auditors	023	1,345	296	208	49	38	101	242	58
Underwriters	024	39	—	—	—	—	—	—	—
Other financial officers	025	839	68	49	18	—	121	161	19
Management analysts	026	235	—	—	—	—	—	55	—
Personnel, training, labor relations	027	789	67	—	41	—	94	234	38
Purchasing agents, buyers, farm products	028	113	—	—	—	—	—	—	—
Buyers, wholesale, retail, except farm products	029	2,050	420	252	79	49	68	273	83
Purchasing agents and buyers, n.e.c.	033	599	43	—	—	—	65	152	—
Business and promotion agents	034	226	126	125	—	—	—	—	—
Construction inspectors	035	96	—	—	—	—	—	—	—
Inspectors and compliance officers, except construction	036	361	76	—	—	17	—	48	—
Management related, n.e.c.	037	3,703	303	152	112	—	410	381	50
Professional specialty		58,515	8,868	4,771	3,051	564	2,197	8,583	1,807
Engineers, petroleum	047	233	220	147	73	—	—	—	—
Engineers, civil	053	84	—	—	—	—	—	—	—
Engineers, electrical, electronic	055	552	97	—	40	18	56	72	42
Engineers, industrial	056	491	140	85	—	—	—	49	41
Engineers, mechanical	057	356	119	—	—	48	—	38	—
Engineers, marine, naval	058	93	—	—	—	—	—	—	—
Engineers, n.e.c.	059	810	164	48	60	—	—	91	95
Surveyors, mapping scientists	063	343	158	95	—	—	—	63	—
Computer systems analysts	064	2,491	1,682	825	846	—	102	129	—
Operations and systems researchers, analysts	065	887	95	—	58	—	—	314	18
Chemists, except biochemists	073	201	61	61	—	—	—	—	—
Physical scientists, n.e.c.	076	20	—	—	—	—	—	—	—
Agricultural and food scientists	077	92	—	16	—	—	—	—	—
Biological and life scientists	078	248	—	—	—	—	—	—	—
Physicians	084	161	20	—	—	—	—	—	—
Dentists	085	47	—	—	—	—	—	—	—
Veterinarians	086	112	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Private industry	477,785	280,725	65,866	80,651	69,660	4,152	22,382	17,589	4,793	197,687
Managerial and professional specialty	27,609	16,339	3,488	4,229	5,597	65	4,541	4,200	341	12,973
Executive, administrative, managerial	9,508	6,947	1,931	1,375	2,285	39	817	671	146	5,487
Financial managers	160	126	109	—	41	—	—	—	—	143
Personnel and labor relations	—	—	—	—	—	—	—	—	—	42
Purchasing managers	40	—	—	—	—	—	—	—	—	66
Managers, marketing, advertising, public relations	170	117	64	—	407	—	—	—	—	375
Administrators, education	58	—	—	—	90	—	—	—	—	59
Managers, medicine and health	252	199	60	58	75	—	114	114	—	167
Managers, food and lodging	697	549	49	456	—	—	129	129	—	691
Managers, properties, real estate ..	60	—	206	—	—	—	—	—	—	19
Funeral directors	—	—	—	—	—	—	—	—	—	—
Managers, service organizations, n.e.c.	196	73	147	—	60	—	100	—	69	169
Managers and administrators, n.e.c.	4,835	3,463	566	507	925	—	296	247	48	2,249
Accountants and auditors	230	199	106	44	69	—	44	38	—	154
Underwriters	—	—	—	—	—	—	—	—	—	—
Other financial officers	208	183	138	—	—	—	18	18	—	61
Management analysts	66	49	—	—	49	—	—	—	—	—
Personnel, training, labor relations	139	107	42	—	54	—	—	—	—	72
Purchasing agents, buyers, farm products	59	—	—	—	—	—	—	—	—	—
Buyers, wholesale, retail, except farm products	821	500	—	—	156	—	—	—	—	201
Purchasing agents and buyers, n.e.c.	136	102	72	39	—	—	—	—	—	57
Business and promotion agents	—	—	—	—	—	—	—	—	—	19
Construction inspectors	—	—	—	—	—	—	—	—	—	61
Inspectors and compliance officers, except construction	58	—	—	—	54	—	—	—	—	—
Management related, n.e.c.	1,214	1,107	289	87	175	—	—	—	—	793
Professional specialty	18,101	9,392	1,558	2,854	3,312	—	3,724	3,529	195	7,486
Engineers, petroleum	—	—	—	—	—	—	—	—	—	—
Engineers, civil	—	—	—	—	19	—	—	—	—	—
Engineers, electrical, electronic	76	38	—	19	65	—	—	—	—	98
Engineers, industrial	67	41	—	—	—	—	—	—	—	108
Engineers, mechanical	69	58	—	—	—	—	—	—	—	38
Engineers, marine, naval	56	40	—	—	—	—	—	—	—	—
Engineers, n.e.c.	211	111	—	—	56	—	—	—	—	121
Surveyors, mapping scientists	—	—	—	106	—	—	—	—	—	—
Computer systems analysts	313	178	128	—	43	—	—	—	—	71
Operations and systems researchers, analysts	164	128	119	52	—	—	—	—	—	73
Chemists, except biochemists	18	—	—	73	—	—	—	—	—	—
Physical scientists, n.e.c.	—	—	—	—	—	—	—	—	—	—
Agricultural and food scientists	—	—	—	—	—	—	—	—	—	—
Biological and life scientists	—	—	57	—	—	—	—	—	—	140
Physicians	70	—	—	—	—	—	—	—	—	—
Dentists	—	—	—	—	—	—	—	—	—	38
Veterinarians	—	—	—	—	—	—	83	—	83	—

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Registered nurses	095	24,979	2,423	1,256	857	223	785	3,273	669
Pharmacists	096	288	47	—	—	—	—	56	—
Dietitians	097	248	40	—	—	—	—	86	—
Respiratory therapists	098	867	89	—	55	—	19	157	—
Occupational therapists	099	197	19	—	—	—	—	—	—
Physical therapists	103	870	—	—	—	—	—	—	79
Speech therapists	104	108	—	19	—	—	—	—	—
Therapists, n.e.c.	105	741	74	—	48	—	—	116	—
Physician's assistants	106	266	—	—	—	—	—	—	—
Teachers, postsecondary, psychology	118	42	42	42	—	—	—	—	—
Teachers, postsecondary, health specialities	134	18	—	—	—	—	—	—	—
Postsecondary teachers, subject not specified	154	225	—	—	—	—	—	72	—
Teachers, prekindergarten, kindergarten	155	1,938	266	207	50	—	—	581	—
Teachers, elementary school	156	293	45	17	17	—	—	51	44
Teachers, secondary school	157	358	—	—	—	—	—	330	—
Teachers, special education	158	57	—	—	—	—	—	—	—
Teachers, except postsecondary, n.e.c.	159	3,322	347	203	111	—	90	670	170
Counselors, educational, vocational	163	1,888	212	111	44	56	157	215	69
Librarians	164	172	—	—	—	—	44	—	—
Economists	166	93	—	—	—	—	—	—	—
Psychologists	167	1,122	74	19	52	—	50	—	—
Social workers	174	4,617	520	385	109	—	245	774	115
Recreation workers	175	951	229	151	74	—	—	143	37
Religious workers, n.e.c.	177	46	—	—	—	—	—	—	—
Lawyers	178	274	19	18	—	—	19	41	51
Technical writers	184	79	—	—	—	—	—	—	—
Designers	185	1,671	574	373	169	—	67	265	—
Actors and directors	187	305	—	—	—	—	—	60	—
Painters, sculptors, craft-artists, printmakers	188	221	42	—	—	—	—	—	—
Photographers	189	751	107	63	—	—	—	139	68
Dancers	193	564	83	—	68	—	—	39	—
Artists, performers, n.e.c.	194	541	43	—	—	—	38	59	—
Editors and reporters	195	378	38	—	—	—	17	54	—
Public relations specialists	197	322	—	—	—	—	115	122	—
Announcers	198	85	—	—	—	—	60	—	—
Athletes	199	2,024	492	258	118	—	—	196	80
Technical, sales, and administrative support		251,056	48,159	26,439	13,659	5,025	14,703	37,332	8,465
Technicians and related support		50,231	7,557	3,209	2,766	867	2,084	5,421	1,612
Clinical laboratory technologists	203	3,254	595	261	237	40	79	451	112
Dental hygienists	204	483	123	—	115	—	—	—	—
Health record technologists	205	816	120	—	77	—	39	120	—
Radiologic technicians	206	1,933	172	68	68	—	—	344	—
Licensed practical nurses	207	10,847	896	438	338	38	252	1,324	445
Health technologists, n.e.c.	208	10,950	1,067	473	366	204	507	1,146	420
Electrical, electronic technicians	213	3,757	651	328	213	56	332	353	195
Industrial engineering technicians	214	80	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Registered nurses	10,932	5,586	513	1,150	988	—	1,522	1,492	—	2,722
Pharmacists	37	—	—	41	—	—	—	—	—	58
Dietitians	68	64	37	—	—	—	—	—	—	—
Respiratory therapists	252	108	—	88	69	—	—	—	—	132
Occupational therapists	101	—	—	—	—	—	—	—	—	57
Physical therapists	590	381	—	—	—	—	—	—	—	85
Speech therapists	—	—	—	—	—	—	—	—	—	—
Therapists, n.e.c.	291	185	40	—	—	—	120	98	—	58
Physician's assistants	165	118	—	—	56	—	—	—	—	—
Teachers, postsecondary, psychology	—	—	—	—	—	—	—	—	—	—
Teachers, postsecondary, health specialities	—	—	—	—	—	—	—	—	—	—
Postsecondary teachers, subject not specified	—	—	—	—	—	—	51	51	—	—
Teachers, prekindergarten, kindergarten	442	375	—	137	237	—	86	76	—	151
Teachers, elementary school	—	18	—	19	—	—	65	53	—	45
Teachers, secondary school	—	—	—	—	—	—	—	—	—	—
Teachers, special education	—	—	—	—	—	—	—	—	—	17
Teachers, except postsecondary, n.e.c.	814	527	95	111	174	—	354	351	—	496
Counselors, educational, vocational	445	276	—	92	—	—	436	436	—	231
Librarians	—	17	—	44	—	—	—	—	—	—
Economists	—	—	19	—	—	—	—	—	—	—
Psychologists	—	—	—	74	714	—	90	90	—	—
Social workers	1,281	226	17	330	324	—	573	566	—	434
Recreation workers	116	85	—	77	—	—	105	105	—	192
Religious workers, n.e.c.	18	—	—	—	—	—	—	—	—	—
Lawyers	—	—	—	—	—	—	—	—	—	74
Technical writers	—	—	—	—	—	—	—	—	—	—
Designers	342	266	92	—	82	—	—	—	—	195
Actors and directors	—	—	—	—	—	—	96	96	—	73
Painters, sculptors, craft-artists, printmakers	—	—	—	—	—	—	20	20	—	85
Photographers	207	163	—	41	81	—	—	—	—	76
Dancers	17	—	17	—	—	—	—	—	—	373
Artists, performers, n.e.c.	112	99	—	38	—	—	—	—	—	203
Editors and reporters	41	40	39	50	76	—	—	—	—	—
Public relations specialists	—	—	—	—	—	—	—	—	—	18
Announcers	—	—	—	—	—	—	—	—	—	—
Athletes	376	40	112	37	—	—	43	38	—	686
Technical, sales, and administrative support	73,366	49,387	17,088	8,691	10,908	391	3,167	2,640	527	28,786
Technicians and related support	18,938	12,071	2,436	2,669	2,335	97	1,112	932	180	5,970
Clinical laboratory technologists	965	508	179	275	218	—	80	80	—	300
Dental hygienists	18	18	321	—	—	—	—	—	—	—
Health record technologists	246	137	141	—	—	—	—	—	—	130
Radiologic technicians	856	453	111	66	88	—	—	—	—	257
Licensed practical nurses	5,270	3,233	173	635	265	—	645	645	—	943
Health technologists, n.e.c.	4,794	2,971	313	523	782	—	195	151	44	1,203
Electrical, electronic technicians ..	902	561	139	206	320	—	—	—	—	636
Industrial engineering technicians ..	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Mechanical engineering technicians	215	199	61	45	—	—	—	—	—
Engineering technicians, n.e.c.	216	1,397	343	141	111	69	63	147	—
Drafting	217	183	46	—	—	—	17	—	—
Surveying and mapping technicians	218	601	113	—	82	—	—	—	133
Biological technicians	223	848	203	54	73	59	—	206	—
Chemical technicians	224	554	73	—	18	17	—	—	—
Science technicians, n.e.c.	225	673	153	74	54	—	37	81	—
Airplane pilots and navigators	226	753	172	38	110	17	—	42	39
Broadcast equipment operators	228	147	—	—	—	—	—	—	—
Computer programmers	229	1,169	—	—	—	—	—	39	—
Legal assistants	234	801	71	—	—	—	63	67	—
Technicians, n.e.c.	235	10,762	2,651	1,136	821	279	513	1,000	165
Sales		96,474	20,199	12,863	4,897	1,489	6,006	16,502	3,195
Supervisors and proprietors	243	22,651	5,285	3,401	1,283	324	1,792	2,926	646
Insurance	253	977	39	—	—	—	—	171	—
Real estate	254	196	—	—	—	—	42	99	—
Securities and financial services	255	167	—	17	—	—	—	79	—
Advertising and related	256	553	60	40	—	18	—	160	78
Other business services	257	1,741	129	87	—	—	110	249	63
Engineers	258	95	41	—	—	—	—	—	—
Mining, manufacturing, wholesale ..	259	4,944	572	271	231	41	210	709	135
Motor vehicles and boats	263	1,626	236	149	52	—	106	251	43
Apparel	264	2,479	474	258	129	42	225	738	—
Shoes	265	580	53	—	—	—	112	98	37
Furniture and home furnishings	266	1,209	192	163	—	—	177	247	—
Appliances	267	875	237	208	19	—	41	91	39
Hardware and building supplies	268	4,080	1,264	855	249	113	162	308	48
Parts	269	1,617	374	180	133	17	96	100	18
Other commodities	274	22,948	4,798	3,200	1,100	380	1,645	4,303	782
Sales counter clerks	275	2,044	541	389	106	—	101	537	50
Cashiers	276	26,102	5,452	3,386	1,357	462	1,017	5,164	1,082
Street and door-to-door sales	277	483	205	130	74	—	—	67	—
News vendors	278	240	43	—	38	—	—	—	81
Demonstrators, promoters, models	283	608	117	42	20	37	—	167	—
Sales support, n.e.c.	285	259	61	—	19	—	80	—	—
Administrative support, including clerical		104,351	20,402	10,366	5,996	2,669	6,613	15,408	3,658
Supervisors, general office	303	1,294	178	131	46	—	128	233	—
Supervisors, computer operators ...	304	71	—	—	—	—	—	—	—
Supervisors, financial records processing	305	265	—	—	—	—	44	70	—
Chief communications operators	306	44	—	—	—	—	—	—	—
Supervisors, clerks, distribution and adjusting	307	1,378	304	177	80	44	96	201	48
Computer operators	308	664	80	—	44	—	—	70	189
Peripheral equipment operators	309	119	—	—	—	—	19	—	—
Secretaries	313	7,405	663	334	279	—	738	1,752	289
Stenographers	314	424	74	—	47	—	—	—	—
Typists	315	397	—	—	—	—	—	62	—
Interviewers	316	507	48	—	—	—	75	103	—
Hotel clerks	317	529	137	50	59	—	41	106	—
Ticket agents, transportation	318	6,513	1,568	1,047	203	226	265	539	180
Receptionists	319	2,969	203	77	98	—	477	867	146

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Mechanical engineering technicians	63	—	—	—	—	—	—	—	—	17
Engineering technicians, n.e.c.	352	221	128	137	—	—	—	—	—	171
Drafting	—	—	—	—	—	—	—	—	—	72
Surveying and mapping technicians	197	113	—	—	—	—	—	—	—	72
Biological technicians	127	59	—	66	—	—	111	—	108	42
Chemical technicians	170	119	—	173	—	—	—	—	—	—
Science technicians, n.e.c.	129	77	—	39	48	—	—	—	—	151
Airplane pilots and navigators	260	148	—	18	—	20	—	—	—	147
Broadcast equipment operators	—	—	—	—	—	—	—	—	—	18
Computer programmers	820	804	38	—	—	—	—	—	—	204
Legal assistants	70	59	299	—	182	—	—	—	—	—
Technicians, n.e.c.	3,606	2,508	467	441	299	59	38	—	—	1,523
Sales	26,889	19,142	3,446	2,727	4,721	266	1,128	1,027	102	11,395
Supervisors and proprietors	6,985	4,697	706	462	1,264	57	409	396	—	2,119
Insurance	104	98	185	—	281	—	—	—	—	137
Real estate	—	—	—	—	—	—	—	—	—	—
Securities and financial services	—	—	—	—	—	—	—	—	—	—
Advertising and related	—	—	—	—	166	—	—	—	—	—
Other business services	339	291	157	—	421	—	17	—	17	234
Engineers	—	—	—	—	18	—	—	—	—	—
Mining, manufacturing, wholesale ..	1,340	995	108	—	670	—	—	—	—	1,146
Motor vehicles and boats	323	141	—	—	310	—	—	—	—	293
Apparel	504	299	39	—	54	—	—	—	—	385
Shoes	182	77	18	—	—	—	—	—	—	74
Furniture and home furnishings	340	293	85	—	—	—	—	—	—	135
Appliances	261	211	—	20	103	—	—	—	—	68
Hardware and building supplies	1,598	1,164	18	140	190	—	—	—	—	327
Parts	583	457	—	—	121	48	—	—	—	210
Other commodities	5,674	3,743	431	894	696	144	189	179	—	3,390
Sales counter clerks	474	281	37	58	42	—	—	—	—	204
Cashiers	7,867	6,168	1,467	911	299	—	413	395	18	2,431
Street and door-to-door sales	73	62	—	—	17	—	—	—	—	—
News vendors	—	—	—	—	—	—	—	—	—	18
Demonstrators, promoters, models	105	—	38	—	—	—	—	—	—	149
Sales support, n.e.c.	64	61	—	—	—	—	—	—	—	—
Administrative support, including clerical	27,539	18,174	11,207	3,295	3,852	—	927	681	245	11,421
Supervisors, general office	314	159	121	88	50	—	53	53	—	108
Supervisors, computer operators ...	—	—	—	—	—	—	—	—	—	44
Supervisors, financial records processing	40	—	—	—	—	—	—	—	—	—
Chief communications operators	—	—	—	—	—	—	—	—	—	—
Supervisors, clerks, distribution and adjusting	430	296	—	—	94	—	—	—	—	167
Computer operators	135	108	57	—	49	—	—	—	—	48
Peripheral equipment operators	—	20	—	—	—	—	—	—	—	—
Secretaries	1,114	797	1,557	229	215	—	—	—	—	816
Stenographers	253	109	72	—	—	—	—	—	—	—
Typists	—	—	168	—	—	—	—	—	—	39
Interviewers	37	17	53	18	—	—	—	—	—	134
Hotel clerks	97	79	72	—	—	—	—	—	—	—
Ticket agents, transportation	3,038	1,486	158	197	175	—	—	—	—	387
Receptionists	441	328	264	104	—	—	96	19	77	341

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Information clerks, n.e.c.	323	358	42	—	—	—	—	111	—
Classified-ad clerks	325	60	—	—	—	—	—	—	—
Order clerks	327	2,212	230	125	74	—	155	320	90
Personnel clerks, except payroll	328	171	—	—	—	—	—	48	—
Library clerks	329	107	—	—	17	—	—	18	—
File clerks	335	1,230	172	120	41	—	56	237	—
Records clerks	336	859	67	—	19	—	69	148	—
Bookkeepers, accounting, auditing	337	3,286	467	343	62	55	281	837	147
Payroll and timekeeping clerks	338	450	—	—	—	—	18	—	—
Billing clerks	339	606	91	47	42	—	—	139	—
Cost and rate clerks	343	350	72	72	—	—	54	52	—
Billing, posting, calculating machine operators	344	535	—	—	16	—	101	159	—
Duplicating machine operators	345	197	61	—	17	—	—	—	—
Mail, paper handling machine operators	346	211	46	—	—	—	—	—	—
Office machine operators, n.e.c.	347	218	75	37	—	—	—	—	—
Telephone operators	348	967	116	—	64	19	145	194	—
Communications equipment operators, n.e.c.	353	59	—	—	—	—	—	—	—
Mail clerks, except postal service ...	356	2,625	648	197	218	196	155	270	91
Messengers	357	1,717	189	121	53	—	38	140	148
Dispatchers	359	1,173	290	140	131	—	78	127	40
Production coordinators	363	2,098	517	227	112	160	48	207	72
Shipping and receiving clerks	364	18,457	5,608	2,836	1,372	969	462	1,443	653
Stock and inventory clerks	365	9,977	2,780	1,670	595	347	588	801	184
Meter readers	366	927	118	—	82	—	106	133	63
Weighers and checkers	368	1,222	244	114	52	—	51	132	—
Expeditors	373	3,731	650	332	207	87	106	616	94
Recording and distributing clerks, n.e.c.	374	350	135	86	—	—	19	38	—
Insurance investigators, adjusters ..	375	2,360	206	54	50	80	233	284	80
Investigators, adjusters, except insurance	376	6,038	952	517	397	—	564	1,357	133
Eligibility clerks, social welfare	377	81	19	—	19	—	—	—	—
Bill and account collectors	378	727	108	—	67	—	39	87	—
General office clerks	379	6,571	932	457	387	74	464	1,377	239
Bank tellers	383	2,090	547	191	283	65	173	338	114
Proofreaders	384	38	—	—	—	—	—	—	—
Data-entry keyers	385	2,335	269	128	122	17	155	259	—
Statistical clerks	386	131	—	—	—	—	—	—	—
Teachers' aides	387	1,174	195	54	101	—	75	271	74
Administrative support, n.e.c.	389	6,040	1,087	401	341	69	338	1,103	282
Service		297,491	61,160	29,929	20,332	7,438	11,117	50,678	11,564
Protective service		11,187	1,765	619	754	159	886	2,049	778
Supervisors, firefighting, fire prevention	413	70	—	—	—	—	—	—	—
Supervisors, guards	415	396	48	—	—	—	—	—	—
Fire inspection, fire prevention	416	46	—	20	—	—	—	—	—
Firefighting	417	494	117	—	107	—	—	—	—
Correctional institution officers	424	111	—	—	—	—	—	—	—
Guards and police, except public ...	426	9,509	1,375	474	538	141	773	1,860	738
Protective service, n.e.c.	427	561	188	102	72	—	39	140	—
Service, except protective		286,304	59,396	29,310	19,578	7,279	10,231	48,629	10,786

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Information clerks, n.e.c.	40	—	54	—	—	—	—	—	—	—
Classified-ad clerks	—	—	17	—	—	—	—	—	—	—
Order clerks	334	171	514	96	41	—	—	—	—	402
Personnel clerks, except payroll	—	—	54	—	—	—	—	—	—	—
Library clerks	—	—	—	—	—	—	—	—	—	—
File clerks	393	193	50	19	95	—	—	—	—	198
Records clerks	196	119	163	—	—	—	—	—	—	123
Bookkeepers, accounting, auditing	384	256	859	46	48	—	—	—	—	211
Payroll and timekeeping clerks	283	279	37	—	—	—	—	—	—	40
Billing clerks	61	16	130	—	—	—	—	—	—	94
Cost and rate clerks	55	43	—	—	—	—	—	—	—	85
Billing, posting, calculating machine operators	53	50	149	—	—	—	—	—	—	—
Duplicating machine operators	56	—	19	—	—	—	—	—	—	—
Mail, paper handling machine operators	109	60	46	—	—	—	—	—	—	—
Office machine operators, n.e.c.	38	—	—	—	17	—	—	—	—	—
Telephone operators	69	—	282	53	—	—	—	—	—	71
Communications equipment operators, n.e.c.	—	—	—	—	—	—	—	—	—	—
Mail clerks, except postal service ...	841	640	283	—	59	—	—	—	—	249
Messengers	350	225	—	46	686	—	—	—	—	111
Dispatchers	291	192	38	37	114	—	—	—	—	144
Production coordinators	520	320	208	66	51	—	—	—	—	369
Shipping and receiving clerks	6,971	5,072	295	370	582	—	19	17	—	2,050
Stock and inventory clerks	3,737	2,748	299	219	247	—	—	—	—	1,099
Meter readers	90	45	55	54	100	—	65	—	65	144
Weighers and checkers	386	238	42	71	—	—	—	—	—	264
Expeditors	1,351	876	193	131	78	—	37	20	17	476
Recording and distributing clerks, n.e.c.	74	73	18	—	—	—	—	—	—	—
Insurance investigators, adjusters ..	413	106	582	59	179	—	—	—	—	311
Investigators, adjusters, except insurance	1,058	829	870	327	172	—	—	—	—	590
Eligibility clerks, social welfare	—	—	—	—	—	—	—	—	—	19
Bill and account collectors	92	55	234	—	98	—	—	—	—	57
General office clerks	1,323	855	819	306	176	—	121	118	—	814
Bank tellers	287	176	340	42	—	—	55	55	—	191
Proofreaders	—	—	—	—	—	—	—	—	—	—
Data-entry keyers	94	64	1,279	54	—	—	—	—	17	160
Statistical clerks	39	—	—	—	—	—	—	—	—	—
Teachers' aides	121	74	—	—	—	—	147	147	—	262
Administrative support, n.e.c.	1,381	764	562	382	270	—	107	101	—	527
Service	90,931	51,758	4,319	23,991	6,530	266	9,197	8,732	465	27,736
Protective service	1,296	795	—	308	1,124	—	1,563	1,498	66	1,385
Supervisors, firefighting, fire prevention	56	—	—	—	—	—	—	—	—	—
Supervisors, guards	164	152	—	—	—	—	47	47	—	18
Fire inspection, fire prevention	—	—	—	—	—	—	—	—	—	—
Firefighting	198	185	—	—	—	—	—	—	—	119
Correctional institution officers	—	—	—	—	—	—	—	—	—	—
Guards and police, except public ...	847	410	—	211	1,065	—	1,469	1,406	62	1,140
Protective service, n.e.c.	—	—	—	—	—	—	38	—	—	77
Service, except protective	89,635	50,963	4,298	23,683	5,407	256	7,634	7,234	400	26,351

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Supervisors, food preparation, service	433	4,421	899	381	293	73	49	1,527	237
Bartenders	434	1,913	559	297	236	—	68	435	130
Waiters and waitresses	435	15,548	3,027	1,557	953	459	482	5,340	1,261
Cooks	436	28,549	9,715	6,061	2,759	589	334	5,421	1,245
Food counter, fountain workers	438	5,300	1,216	440	653	124	124	2,087	211
Kitchen workers	439	11,576	4,870	1,669	2,255	873	160	2,471	335
Waiters', waitresses' assistants	443	7,148	1,515	969	318	179	135	2,105	461
Miscellaneous food preparation	444	22,038	6,523	3,175	2,097	704	558	5,319	1,091
Dental assistants	445	519	266	—	208	—	—	—	—
Health aides, except nursing	446	10,359	2,235	1,396	443	179	130	1,699	209
Nursing aides, orderlies	447	84,128	7,454	3,292	2,897	917	1,273	8,803	1,757
Supervisors, cleaning, building service workers	448	2,474	324	202	98	17	106	579	69
Maids and housemen	449	21,321	4,426	1,847	1,458	787	718	3,725	1,028
Janitors and cleaners	453	44,189	11,515	5,465	3,302	1,870	4,126	5,304	1,817
Elevator operators	454	75	37	—	—	—	—	—	—
Pest control occupations	455	2,092	54	—	19	—	964	63	—
Supervisors, personal service	456	447	—	—	—	—	—	129	—
Hairdressers and cosmetologists	458	2,113	544	429	—	—	—	489	—
Attendants, amusement, recreation	459	2,658	595	350	143	86	284	494	92
Guides	461	235	46	—	—	—	—	52	—
Ushers	462	220	127	—	125	—	—	69	—
Attendants, public transportation	463	8,717	1,966	1,034	651	222	142	502	161
Baggage porters and bellhops	464	1,179	192	104	84	—	59	—	79
Welfare service aides	465	927	73	50	—	—	49	147	—
Family child care providers	466	187	42	42	—	—	—	42	—
Early childhood teachers' assistants	467	792	90	40	38	—	70	180	46
Child care workers, n.e.c.	468	3,295	396	203	148	—	217	723	82
Personal service, n.e.c.	469	3,883	665	223	342	88	106	900	439
Farming, forestry, and fishing		47,015	16,851	7,352	4,464	2,463	3,544	3,503	1,477
Managers, farms, except horticultural	475	261	117	90	—	—	—	—	—
Managers, horticultural	476	155	—	17	—	—	—	—	—
Supervisors, farm workers	477	734	144	57	42	—	72	110	—
Farm workers	479	13,778	4,608	2,232	1,003	646	1,742	1,258	387
Nursery workers	484	1,538	339	144	132	—	75	213	58
Supervisors, related agricultural	485	1,528	578	341	72	120	102	176	106
Groundskeepers and gardeners, except farm	486	22,995	9,032	3,071	3,004	1,306	1,353	1,157	794
Animal caretakers, except farm	487	2,493	502	323	99	43	51	236	53
Graders and sorters, farm products	488	1,146	232	127	—	62	—	106	16
Supervisors, forestry, logging	494	71	—	—	—	—	—	17	—
Forestry workers, except logging	495	366	149	108	—	—	—	44	—
Timber cutting, logging	496	1,825	1,091	831	52	183	80	93	—
Fishers	498	91	—	—	—	—	—	75	—
Precision production, craft, and repair		293,470	102,706	49,886	25,130	15,725	24,571	20,569	8,375
Mechanics and repairers		105,073	36,263	17,415	8,772	5,310	6,747	7,422	3,050
Supervisors, mechanics, repairers	503	2,588	702	429	55	161	318	180	71

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Supervisors, food preparation, service	745	380	97	424	—	—	—	—	—	413
Bartenders	349	284	43	42	—	—	—	—	—	273
Waiters and waitresses	2,258	1,610	134	1,363	18	19	65	65	—	1,582
Cooks	2,932	2,138	461	6,408	—	—	92	66	—	1,914
Food counter, fountain workers	412	348	77	602	—	—	37	37	—	508
Kitchen workers	1,676	1,158	291	1,159	—	17	—	—	—	588
Waiters', waitresses' assistants	1,755	1,364	121	321	—	—	—	—	—	708
Miscellaneous food preparation	3,804	3,019	182	2,975	92	—	339	339	—	1,151
Dental assistants	—	—	—	169	—	—	—	—	—	61
Health aides, except nursing	3,676	1,515	111	876	227	17	290	239	51	889
Nursing aides, orderlies	47,248	26,139	647	2,260	1,438	124	5,607	5,504	103	7,518
Supervisors, cleaning, building service workers	645	435	38	110	81	—	60	—	51	452
Maids and housemen	6,336	2,804	678	1,259	279	—	83	71	—	2,783
Janitors and cleaners	11,954	7,033	603	3,259	1,036	—	189	111	78	4,352
Elevator operators	—	—	—	—	—	—	—	—	—	16
Pest control occupations	132	131	—	43	592	—	43	43	—	196
Supervisors, personal service	110	—	67	—	—	—	66	66	—	—
Hairdressers and cosmetologists	273	103	351	171	—	—	—	—	—	254
Attendants, amusement, recreation	371	200	193	—	136	—	—	—	—	424
Guides	67	—	—	—	—	—	—	—	—	—
Ushers	—	—	—	—	—	—	—	—	—	—
Attendants, public transportation	2,408	718	100	1,841	669	—	—	—	—	917
Baggage porters and bellhops	590	326	—	—	—	—	—	—	—	200
Welfare service aides	361	209	—	—	80	—	83	79	—	87
Family child care providers	—	—	—	—	—	—	—	—	—	58
Early childhood teachers' assistants	217	143	—	—	40	—	50	50	—	81
Child care workers, n.e.c.	660	407	—	98	251	—	424	411	—	410
Personal service, n.e.c.	595	405	37	224	331	—	116	75	41	469
Farming, forestry, and fishing	8,631	5,329	471	2,416	1,586	103	1,905	75	1,830	6,530
Managers, farms, except horticultural	—	—	—	19	—	—	—	—	—	—
Managers, horticultural	20	—	—	—	—	—	—	—	—	93
Supervisors, farm workers	219	118	18	20	46	—	—	—	—	79
Farm workers	1,771	1,215	83	862	449	—	614	—	586	1,993
Nursery workers	548	417	—	75	—	—	—	—	—	180
Supervisors, related agricultural	249	95	—	94	105	—	—	—	—	110
Groundskeepers and gardeners, except farm	4,849	3,035	130	1,134	858	87	195	—	159	3,406
Animal caretakers, except farm	311	138	67	98	17	—	1,051	—	1,051	106
Graders and sorters, farm products	317	174	72	47	—	—	—	—	—	300
Supervisors, forestry, logging	—	—	—	—	—	—	—	—	—	—
Forestry workers, except logging	48	—	—	—	—	—	—	—	—	63
Timber cutting, logging	252	111	—	42	51	—	—	—	—	168
Fishers	—	—	—	—	—	—	—	—	—	—
Precision production, craft, and repair	68,254	37,333	8,857	13,109	7,606	1,816	1,143	420	723	36,462
Mechanics and repairers	25,263	13,301	2,001	5,240	3,780	872	545	176	369	13,889
Supervisors, mechanics, repairers	630	338	40	100	55	—	20	20	—	465

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Mechanics, automobile	505	15,668	6,723	3,162	1,787	608	320	1,095	323
Apprentices, automobile mechanic	506	173	127	113	—	—	—	—	—
Mechanics, bus, truck, stationary engine	507	10,683	5,198	2,798	1,242	472	676	526	243
Mechanics, aircraft engine	508	2,075	594	251	188	57	142	248	—
Repairers, small engine	509	598	208	106	70	—	—	—	—
Repairers, automobile body	514	4,185	1,821	920	375	82	124	322	—
Mechanics, aircraft, except engine	515	1,312	313	171	83	—	147	97	—
Mechanics, heavy equipment	516	4,300	1,710	761	332	460	363	298	98
Mechanics, farm equipment	517	799	228	134	54	—	—	70	—
Repairers, industrial machinery	518	12,280	4,756	2,103	972	1,357	803	976	374
Machinery maintenance	519	2,184	683	298	176	185	141	182	116
Repairers, electronic, communication equipment	523	5,270	1,187	662	288	143	511	457	372
Repairers, data processing equipment	525	166	—	20	—	—	—	16	—
Repairers, household appliances, power tools	526	1,588	433	179	140	76	139	160	61
Telephone line installers, repairers	527	2,456	516	265	184	—	217	135	—
Telephone installers, repairers	529	3,670	476	217	158	—	342	372	141
Repairers, miscellaneous electrical, electronic	533	1,192	395	274	76	—	71	70	—
Mechanics, heating, air conditioning	534	6,456	2,236	940	857	176	610	291	303
Repairers, camera, watch, musical instruments	535	124	—	—	—	—	—	38	—
Locksmiths and safe repairers	536	232	62	—	—	—	—	—	—
Repairers, office machines	538	1,081	259	80	—	60	47	—	93
Repairers, mechanical controls, valves	539	189	—	—	—	—	17	—	—
Elevator installers, repairers	543	601	261	205	—	37	45	45	—
Millwrights	544	2,495	884	433	224	160	184	183	115
Specified mechanics, repairers, n.e.c.	547	6,582	1,670	724	437	275	387	588	129
Mechanics, repairers, not specified	549	16,127	4,738	2,119	1,026	882	1,124	1,005	422
Construction trades		119,949	39,641	21,076	10,083	4,018	15,482	7,704	3,900
Supervisors, brickmasons, stonemasons, tile setters	553	89	—	—	—	—	—	—	—
Supervisors, carpenters	554	1,204	195	64	77	—	339	44	70
Supervisors, electricians, power transmission installers	555	373	72	—	57	—	68	36	—
Supervisors, painters, paperhangers, plasterers	556	106	—	—	—	—	—	—	—
Supervisors, plumbers, pipefitters ..	557	204	—	—	—	18	—	—	—
Supervisors, n.e.c.	558	5,608	1,769	1,111	404	107	589	527	239
Brickmasons and stonemasons	563	3,201	748	483	134	94	365	193	74
Apprentices, brickmason, stonemason	564	112	45	—	—	—	—	—	—
Tile setters, hard and soft	565	656	152	74	—	—	—	58	—
Carpet installers	566	1,049	273	144	45	18	—	70	—
Carpenters	567	33,002	13,803	7,974	3,171	1,143	4,553	1,764	743
Apprentices, carpenter	569	1,171	429	278	73	—	139	98	—

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Mechanics, automobile	3,304	2,069	314	647	471	187	-	-	-	2,252
Apprentices, automobile mechanic	-	-	-	-	-	-	-	-	-	-
Mechanics, bus, truck, stationary engine	2,051	1,060	153	313	179	127	-	-	-	1,207
Mechanics, aircraft engine	577	312	42	142	-	18	-	-	-	267
Repairers, small engine	135	108	-	-	46	-	-	-	-	145
Repairers, automobile body	836	531	84	234	90	-	-	-	-	639
Mechanics, aircraft, except engine	452	131	17	-	-	-	-	-	-	214
Mechanics, heavy equipment	827	409	64	234	168	69	-	-	-	453
Mechanics, farm equipment	200	116	-	-	74	-	-	-	-	123
Repairers, industrial machinery	2,736	1,296	323	774	145	67	-	18	-	1,305
Machinery maintenance	519	240	-	79	60	43	-	-	-	326
Repairers, electronic, communication equipment	1,154	663	61	200	439	-	53	-	40	814
Repairers, data processing equipment	49	42	-	-	-	-	-	-	-	19
Repairers, household appliances, power tools	325	164	-	44	190	-	-	-	-	199
Telephone line installers, repairers	634	194	44	206	231	-	53	-	39	400
Telephone installers, repairers	814	381	180	147	231	-	130	-	108	828
Repairers, miscellaneous electrical, electronic	291	200	42	85	-	-	-	-	-	184
Mechanics, heating, air conditioning	1,267	861	62	332	453	43	20	-	-	840
Repairers, camera, watch, musical instruments	-	-	-	-	-	-	-	-	-	17
Locksmiths and safe repairers	98	41	-	-	-	-	-	-	-	-
Repairers, office machines	322	124	-	38	85	-	-	-	-	192
Repairers, mechanical controls, valves	-	20	-	18	17	-	-	-	-	48
Elevator installers, repairers	166	89	-	-	-	-	-	-	-	43
Millwrights	678	264	70	119	-	16	-	-	-	213
Specified mechanics, repairers, n.e.c.	2,318	1,400	63	424	199	-	51	-	51	740
Mechanics, repairers, not specified	4,813	2,223	280	957	521	223	120	-	88	1,924
Construction trades	26,311	14,648	2,238	4,837	2,868	803	351	87	265	15,814
Supervisors, brickmasons, stonemasons, tile setters	40	18	-	-	-	-	-	-	-	-
Supervisors, carpenters	321	141	-	-	-	-	-	-	-	189
Supervisors, electricians, power transmission installers	63	41	-	-	-	-	-	-	-	90
Supervisors, painters, paperhangers, plasterers	-	18	-	-	-	-	-	-	-	-
Supervisors, plumbers, pipefitters ..	68	63	-	-	-	-	-	-	-	39
Supervisors, n.e.c.	887	388	60	148	362	-	-	-	-	1,006
Brickmasons and stonemasons	852	633	116	207	41	-	-	-	-	606
Apprentices, brickmason, stonemason	-	-	-	-	-	-	-	-	-	-
Tile setters, hard and soft	149	51	50	-	-	-	-	-	-	138
Carpet installers	452	253	-	17	18	-	-	-	-	146
Carpenters	7,340	4,509	790	318	363	-	48	-	-	3,249
Apprentices, carpenter	335	102	-	-	18	-	-	-	-	78

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Drywall installers	573	3,900	1,037	565	320	64	766	481	139
Electricians	575	14,469	4,190	1,710	1,400	544	2,045	1,165	359
Apprentices, electrician	576	2,095	698	338	250	—	199	238	52
Electrical power installers, repairers	577	3,706	752	336	309	77	271	311	515
Painters	579	7,568	2,066	943	649	218	1,184	324	176
Plasterers	584	943	303	196	55	—	92	46	—
Plumbers and pipefitters	585	12,224	3,410	1,617	962	282	946	689	851
Apprentices, plumber, pipefitter	587	1,130	399	249	88	—	132	38	—
Concrete and terrazzo finishers	588	2,660	572	311	178	—	283	166	41
Glaziers	589	2,101	1,003	709	192	—	185	113	—
Insulation workers	593	2,781	1,004	496	318	45	552	266	66
Operators, paving, surfacing, tamping equipment	594	152	73	17	—	—	—	—	—
Roofers	595	5,771	1,054	468	304	131	1,340	448	121
Sheetmetal duct installers	596	4,001	1,609	717	328	459	302	117	81
Structural metal workers	597	4,990	2,170	1,140	530	338	817	225	187
Drillers, earth	598	365	181	92	—	—	—	—	—
Construction trades, n.e.c.	599	4,287	1,584	985	175	267	161	258	—
Extractive		3,869	1,761	1,075	215	390	224	349	54
Supervisors, extractive workers	613	526	138	72	—	—	61	—	—
Drillers, oil well	614	621	259	137	—	68	54	37	—
Explosives workers	615	59	—	—	—	—	—	—	—
Operators, mining machines	616	482	228	162	38	—	39	—	—
Mining occupations, n.e.c.	617	2,181	1,111	689	129	257	64	253	44
Precision production		64,578	25,042	10,320	6,059	6,006	2,117	5,094	1,371
Supervisors, production workers	628	12,646	4,484	1,575	795	1,727	515	1,113	297
Tool and die makers	634	2,503	1,107	316	325	205	—	81	88
Apprentices, tool, die makers	635	439	286	119	79	—	—	—	—
Assemblers, precision, metal	636	2,516	657	236	237	59	92	132	78
Machinists	637	9,385	4,441	1,962	933	1,087	151	566	165
Apprentices, machinists	639	154	99	77	—	—	—	—	—
Boilermakers	643	1,026	397	195	—	39	19	—	—
Precision grinders, tool sharpeners	644	131	38	—	—	—	—	—	—
Patternmakers, model makers, metal	645	73	16	—	—	—	—	—	—
Lay-out workers	646	945	347	246	56	19	56	74	—
Precious stones and metals workers	647	99	—	—	—	—	—	45	—
Engravers, metal	649	189	121	—	—	—	—	—	—
Sheet metal workers	653	3,946	1,813	813	481	400	357	155	60
Apprentices, sheet metal workers ..	654	195	87	—	—	—	—	—	—
Miscellaneous precision metal workers	655	178	56	17	—	—	—	—	—
Patternmakers, model makers, wood	656	125	115	—	110	—	—	—	—
Cabinet makers, bench carpenters	657	1,769	1,055	350	311	299	19	52	95
Furniture and wood finishers	658	178	67	19	47	—	—	—	—
Dressmakers	666	297	103	53	—	—	—	43	—
Tailors	667	439	234	67	47	119	—	—	—
Upholsterers	668	843	279	71	52	—	—	75	—
Shoe repairers	669	176	—	—	—	—	—	—	—
Miscellaneous precision apparel, fabric workers	674	158	77	38	—	—	—	—	—

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Drywall installers	646	421	82	37	—	—	—	—	—	708
Electricians	3,053	1,436	276	1,193	336	63	47	—	—	1,742
Apprentices, electrician	315	119	—	108	101	—	—	—	—	349
Electrical power installers, repairers	733	276	50	245	170	—	—	—	20	628
Painters	1,817	1,193	135	265	209	279	—	—	—	1,113
Plasterers	259	236	—	89	—	—	—	—	—	84
Plumbers and pipefitters	2,988	1,773	155	523	490	115	157	—	156	1,900
Apprentices, plumber, pipefitter	264	119	—	17	80	—	—	—	—	189
Concrete and terrazzo finishers	902	280	56	290	69	—	—	—	—	277
Glaziers	293	169	53	—	—	—	—	—	—	371
Insulation workers	450	300	—	49	67	—	—	17	—	274
Operators, paving, surfacing, tamping equipment	—	—	—	—	20	—	—	—	—	19
Roofers	1,363	740	52	574	93	—	—	—	—	720
Sheetmetal duct installers	777	350	66	110	—	93	—	—	—	822
Structural metal workers	780	449	48	154	57	116	—	—	—	427
Drillers, earth	72	—	—	44	—	—	—	—	—	—
Construction trades, n.e.c.	1,015	497	88	286	243	66	—	—	—	552
Extractive	823	300	—	148	88	—	—	—	—	383
Supervisors, extractive workers	109	—	—	19	—	—	—	—	—	159
Drillers, oil well	101	61	—	50	—	—	—	—	—	96
Explosives workers	18	—	—	—	—	—	—	—	—	—
Operators, mining machines	129	44	—	—	—	—	—	—	—	—
Mining occupations, n.e.c.	466	156	—	64	40	—	—	—	—	114
Precision production	15,858	9,084	4,611	2,885	870	110	246	158	88	6,376
Supervisors, production workers	3,512	2,322	237	743	366	—	87	76	—	1,259
Tool and die makers	858	395	110	58	—	—	—	—	—	158
Apprentices, tool, die makers	108	99	—	—	—	—	—	—	—	43
Assemblers, precision, metal	506	224	286	91	—	—	—	—	—	664
Machinists	2,546	1,362	407	238	—	18	—	—	—	824
Apprentices, machinists	45	—	—	—	—	—	—	—	—	—
Boilermakers	360	248	18	53	—	—	—	—	—	94
Precision grinders, tool sharpeners	—	17	—	—	—	—	—	—	—	—
Patternmakers, model makers, metal	—	—	—	—	—	—	—	—	—	—
Lay-out workers	134	68	—	110	—	—	—	—	—	172
Precious stones and metals workers	17	—	18	—	—	—	—	—	—	—
Engravers, metal	18	—	—	—	—	—	—	—	—	—
Sheet metal workers	710	336	126	83	263	—	18	—	—	360
Apprentices, sheet metal workers ..	80	—	—	—	—	—	—	—	—	—
Miscellaneous precision metal workers	65	—	—	—	—	—	—	—	—	—
Patternmakers, model makers, wood	—	—	—	—	—	—	—	—	—	—
Cabinet makers, bench carpenters	352	273	—	39	—	—	—	—	—	144
Furniture and wood finishers	52	—	17	—	—	—	—	—	—	—
Dressmakers	—	—	48	19	—	—	—	—	—	46
Tailors	42	17	—	—	—	—	—	—	—	94
Upholsterers	254	57	102	—	—	—	—	—	—	108
Shoe repairers	111	17	—	—	—	—	—	—	—	—
Miscellaneous precision apparel, fabric workers	—	—	—	—	—	—	—	—	—	38

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Hand molders, shapers, except jewelers	675	469	187	85	—	—	—	—	—
Patternmakers, lay-out workers, cutters	676	126	—	—	—	—	—	—	—
Optical goods workers	677	203	62	—	—	—	—	37	—
Dental, medical appliance technicians	678	274	84	46	—	—	—	—	—
Bookbinders	679	210	77	—	—	44	—	—	—
Assemblers, electrical, electronic ..	683	6,302	1,583	592	484	334	126	622	77
Miscellaneous precision workers, n.e.c.	684	2,190	898	383	168	178	—	110	73
Butchers and meat cutters	686	8,953	4,247	2,009	1,273	843	146	935	122
Bakers	687	1,493	500	98	86	301	—	312	63
Food batchmakers	688	931	238	62	83	94	—	121	—
Inspectors, testers, graders	689	1,888	343	209	54	—	—	254	44
Adjusters and calibrators	693	81	—	—	—	—	—	—	—
Operators, water, sewage treatment plants	694	427	137	61	—	—	19	—	—
Operators, power plants	695	140	—	—	—	—	—	—	—
Stationary engineers	696	2,184	667	432	121	—	416	141	49
Operators, miscellaneous plant and systems	699	269	47	—	—	—	—	39	—
Operators, fabricators, and laborers ..		729,025	229,629	107,690	57,315	45,913	36,604	55,232	21,600
Machine operators, tenders		171,673	66,191	24,227	16,213	20,036	3,904	11,501	4,362
Set-up, lathes and turning machines	703	591	275	156	52	63	—	39	—
Lathes and turning machines	704	1,584	612	196	138	195	—	234	53
Milling and planing machines	705	398	212	81	—	70	—	19	—
Punching and stamping machines	706	5,910	2,751	1,109	587	878	92	319	128
Rolling machines	707	577	242	83	62	87	—	—	19
Drilling and boring machines	708	622	294	115	47	100	—	40	—
Grinding and polishing machines ...	709	6,523	3,305	1,431	526	514	63	223	57
Forging machines	713	797	272	126	46	80	—	45	—
Numerical control machines	714	1,004	515	65	359	20	—	41	37
Miscellaneous metal, plastic, stone, glass working machines	715	1,144	472	146	125	150	—	74	41
Fabricating machines, n.e.c.	717	1,890	1,081	438	263	315	—	37	—
Molding and casting machines	719	4,968	1,652	895	210	403	86	247	189
Metal plating machines	723	1,108	275	70	66	119	—	50	47
Heat treating machines	724	996	227	57	48	90	—	—	64
Miscellaneous metal, plastic processing machines	725	664	299	136	90	16	—	—	—
Wood lathe, routing, planing machines	726	352	175	61	—	84	—	45	—
Sawing machines	727	4,551	2,617	1,095	595	761	112	189	—
Shaping, joining machines	728	631	413	221	74	42	18	—	—
Nailing, tacking machines	729	153	51	20	—	—	—	—	—
Miscellaneous woodworking machines	733	1,975	1,158	516	220	393	—	98	—
Printing press operators	734	5,576	2,170	570	444	1,098	110	475	171
Photoengravers and lithographers	735	248	83	—	—	46	—	—	—
Typesetters and compositors	736	176	84	39	19	17	—	—	—
Miscellaneous printing machines ...	737	2,032	855	222	209	400	39	146	—

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Hand molders, shapers, except jewelers	-	-	19	110	-	-	-	-	-	101
Patternmakers, lay-out workers, cutters	89	77	-	-	-	-	-	-	-	17
Optical goods workers	-	-	18	17	-	-	-	-	-	-
Dental, medical appliance technicians	-	-	136	-	-	-	-	-	-	-
Bookbinders	57	38	-	-	-	-	-	-	-	-
Assemblers, electrical, electronic ...	1,436	746	1,359	373	17	-	-	-	-	701
Miscellaneous precision workers, n.e.c.	659	433	146	93	-	-	-	-	-	159
Butchers and meat cutters	1,956	1,372	881	169	-	-	71	-	59	423
Bakers	275	211	164	122	-	-	-	-	-	42
Food batchmakers	183	162	147	135	-	-	-	-	-	59
Inspectors, testers, graders	689	181	166	85	80	-	-	-	-	192
Adjusters and calibrators	-	-	-	-	-	-	-	-	-	-
Operators, water, sewage treatment plants	62	-	-	67	-	-	-	-	-	83
Operators, power plants	51	-	-	20	-	-	-	-	-	-
Stationary engineers	349	141	-	132	-	-	40	40	-	323
Operators, miscellaneous plant and systems	50	-	-	56	-	-	-	-	-	-
Operators, fabricators, and laborers ..	207,112	119,459	31,294	27,816	37,198	1,492	2,381	1,483	898	78,668
Machine operators, tenders	44,430	23,304	13,494	9,210	1,599	332	318	188	131	16,331
Set-up, lathes and turning machines	133	84	-	-	-	-	-	-	-	91
Lathes and turning machines	458	176	87	-	-	-	-	-	-	95
Milling and planing machines	109	-	-	-	-	-	-	-	-	-
Punching and stamping machines	1,367	729	534	118	-	-	-	-	-	558
Rolling machines	164	86	-	-	-	-	-	-	-	44
Drilling and boring machines	124	46	-	-	-	-	-	-	-	70
Grinding and polishing machines ...	1,623	652	542	155	-	-	-	-	-	549
Forging machines	170	49	138	-	61	-	-	-	-	-
Numerical control machines	210	89	61	54	-	-	-	-	-	73
Miscellaneous metal, plastic, stone, glass working machines	348	103	46	54	-	-	-	-	-	83
Fabricating machines, n.e.c.	430	242	71	19	-	-	-	-	-	195
Molding and casting machines	1,413	661	339	523	-	-	-	-	-	463
Metal plating machines	307	224	-	256	-	-	-	-	-	77
Heat treating machines	495	229	78	51	-	-	-	-	-	42
Miscellaneous metal, plastic processing machines	218	118	39	-	-	-	-	-	-	-
Wood lathe, routing, planing machines	87	-	-	-	-	-	-	-	-	-
Sawing machines	1,074	463	261	-	-	-	-	-	-	247
Shaping, joining machines	144	67	-	-	-	-	-	-	-	-
Nailing, tacking machines	38	-	-	-	-	-	-	-	-	19
Miscellaneous woodworking machines	405	166	109	-	-	-	-	-	-	98
Printing press operators	1,287	786	211	160	-	-	-	-	-	931
Photoengravers and lithographers	50	-	-	-	-	-	-	-	-	50
Typesetters and compositors	18	-	20	-	-	-	-	-	-	-
Miscellaneous printing machines ...	490	296	201	45	-	-	-	-	-	196

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Winding, twisting machines	738	872	247	114	45	61	49	77	-
Knitting, looping, weaving machines	739	445	173	67	60	-	-	66	-
Textile cutting machines	743	138	41	-	19	-	-	-	-
Textile sewing machines	744	6,217	1,582	482	361	561	38	497	95
Shoe machines	745	439	103	53	-	-	-	-	-
Pressing machines	747	852	164	48	46	65	-	61	-
Laundry, dry cleaning machines	748	3,795	924	521	245	136	114	290	187
Miscellaneous textile machines	749	1,434	396	107	162	109	-	141	41
Cementing, gluing machines	753	821	257	72	64	76	-	-	-
Packaging, filling machines	754	12,268	4,093	1,402	1,354	1,150	278	952	256
Extruding and forming machines	755	2,457	895	336	140	356	59	161	119
Mixing and blending machines	756	3,461	902	297	303	280	143	366	56
Separating, filtering, clarifying machines	757	2,327	386	141	116	106	94	145	133
Compressing, compacting machines	758	1,579	674	230	120	274	17	121	-
Painting and paint spraying machines	759	5,041	1,502	699	313	194	247	377	129
Roasting, baking machines	763	197	50	-	-	18	-	69	-
Washing, cleaning, pickling machines	764	836	293	57	95	140	-	-	-
Folding machines	765	538	151	-	-	79	-	40	-
Operators, furnace, kiln, oven, except food	766	3,620	946	458	198	211	209	111	76
Crushing and grinding machines	768	2,171	835	404	126	212	137	92	75
Slicing and cutting machines	769	6,148	3,105	1,035	909	774	98	232	126
Motion picture projectionists	773	-	-	-	-	-	-	-	-
Photographic processing machines	774	1,348	300	162	-	102	-	167	56
Miscellaneous machine operators, n.e.c.	777	55,163	22,400	7,302	5,847	7,576	1,146	3,725	1,440
Machine operators, not specified ...	779	15,004	5,678	2,324	1,378	1,544	372	1,278	435
Fabricators and assemblers		76,740	26,203	12,603	6,430	4,076	1,952	3,929	1,942
Welders and cutters	783	28,363	11,803	5,782	2,649	1,413	809	1,037	689
Solderers and brazers	784	193	39	-	-	-	-	-	-
Assemblers	785	43,262	13,128	6,205	3,408	2,469	941	2,580	1,148
Hand cutting and trimming	786	668	244	166	40	-	-	48	-
Hand molding, casting, forming	787	842	337	224	98	-	-	59	-
Hand painting, coating, decorating	789	673	176	84	46	-	-	-	-
Hand engraving, printing	793	135	-	-	-	-	-	-	-
Miscellaneous hand working	795	2,604	471	125	182	111	166	159	-
Production inspectors, testers, weighers		13,633	3,895	1,998	825	791	460	1,184	449
Production inspectors	796	8,479	2,143	849	518	549	259	835	288
Production testers	797	591	209	93	43	63	-	46	-
Production samplers and weighers	798	227	77	38	-	-	-	43	-
Graders, sorters, except farm	799	4,336	1,466	1,018	262	143	179	260	124
Transportation and material moving ...		191,147	39,831	18,811	12,177	5,228	16,092	16,253	7,346
Supervisors, motor vehicle operators	803	531	67	44	-	-	-	-	-
Truckdrivers	804	131,785	25,544	12,552	8,018	2,889	11,871	11,845	5,120
Driver-sales workers	806	15,746	2,247	1,236	608	280	1,088	1,382	758
Bus drivers	808	6,651	845	253	345	79	346	574	444

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Winding, twisting machines	260	77	69	-	-	-	-	-	-	113
Knitting, looping, weaving machines	73	-	17	-	-	-	-	-	-	73
Textile cutting machines	-	-	44	-	-	-	-	-	-	-
Textile sewing machines	1,536	985	1,782	128	-	-	18	-	-	524
Shoe machines	72	-	163	-	-	-	-	-	-	42
Pressing machines	62	19	142	262	-	-	-	-	-	153
Laundry, dry cleaning machines	1,313	464	143	400	47	18	-	-	-	346
Miscellaneous textile machines	470	302	124	43	-	-	-	-	-	174
Cementing, gluing machines	246	114	155	-	18	-	-	-	-	66
Packaging, filling machines	3,524	2,314	1,444	440	88	-	-	-	-	1,185
Extruding and forming machines	576	271	280	74	-	-	-	-	-	280
Mixing and blending machines	1,169	655	95	433	76	-	-	-	-	207
Separating, filtering, clarifying machines	655	412	90	482	53	-	-	-	-	288
Compressing, compacting machines	418	260	82	71	-	-	-	-	-	138
Painting and paint spraying machines	1,539	937	267	315	-	-	-	-	-	637
Roasting, baking machines	-	-	-	-	-	-	-	-	-	-
Washing, cleaning, pickling machines	303	96	51	68	-	-	-	-	-	41
Folding machines	155	76	63	-	-	-	-	-	-	90
Operators, furnace, kiln, oven, except food	991	462	162	608	57	77	-	-	-	377
Crushing and grinding machines	604	234	131	108	-	-	18	-	-	162
Slicing and cutting machines	1,451	765	395	128	66	-	-	17	-	527
Motion picture projectionists	18	-	-	-	-	-	-	-	-	-
Photographic processing machines	335	246	158	86	-	-	-	-	-	216
Miscellaneous machine operators, n.e.c.	13,503	7,019	3,932	3,081	412	104	96	42	54	5,323
Machine operators, not specified ...	3,940	2,103	808	650	427	-	56	19	38	1,337
Fabricators and assemblers	19,015	10,287	8,336	5,485	511	290	66	38	-	9,012
Welders and cutters	5,784	2,944	973	3,764	129	205	-	-	-	3,162
Solderers and brazers	41	-	49	20	-	-	-	-	-	-
Assemblers	11,360	6,042	6,863	1,486	243	85	51	-	-	5,379
Hand cutting and trimming	155	73	93	-	-	-	-	-	-	51
Hand molding, casting, forming	190	132	128	-	-	-	-	-	-	76
Hand painting, coating, decorating	195	106	56	72	-	-	-	-	-	105
Hand engraving, printing	-	-	-	-	-	-	-	-	-	65
Miscellaneous hand working	1,277	949	162	66	121	-	-	-	-	149
Production inspectors, testers, weighers	4,231	2,797	940	534	564	-	-	-	-	1,347
Production inspectors	2,316	1,463	802	361	511	-	-	-	-	951
Production testers	133	52	-	-	19	-	-	-	-	85
Production samplers and weighers	66	-	-	-	-	-	-	-	-	-
Graders, sorters, except farm	1,715	1,253	113	140	-	-	-	-	-	304
Transportation and material moving ...	54,385	29,359	2,103	3,383	24,122	168	1,200	876	324	26,264
Supervisors, motor vehicle operators	249	211	-	-	63	-	-	-	-	50
Truckdrivers	39,091	21,626	1,177	1,919	16,423	127	569	287	282	18,098
Driver-sales workers	5,857	3,083	147	219	1,427	-	82	77	-	2,537
Bus drivers	1,092	560	116	113	2,173	-	286	283	-	661

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Taxicab drivers and chauffeurs	809	1,235	74	37	—	—	—	116	—
Parking lot attendants	813	525	173	74	88	—	—	48	—
Motor transportation, n.e.c.	814	232	—	—	—	—	—	—	—
Railroad conductors and yardmasters	823	1,316	241	103	75	20	356	19	42
Locomotive operators	824	803	137	50	49	—	157	—	—
Railroad brake, signal, switch operators	825	734	158	53	67	—	176	—	—
Rail vehicle operators, n.e.c.	826	42	—	—	—	—	—	—	—
Ship captains, mates, except fishing	828	341	74	—	40	19	41	—	—
Sailors and deckhands	829	1,007	234	113	88	19	47	111	—
Marine engineers	833	68	—	19	—	—	—	—	—
Supervisors, material moving equipment operators	843	1,219	400	187	131	68	145	89	—
Operating engineers	844	4,126	1,377	604	261	387	318	275	121
Longshore equipment operators	845	281	99	61	—	—	—	—	46
Hoist and winch operators	848	874	414	193	111	110	43	54	—
Crane and tower operators	849	1,573	544	299	178	46	220	86	68
Excavating and loading machine operators	853	1,684	482	205	125	119	71	113	58
Grader, dozer, scraper operators ...	855	805	324	72	91	91	43	55	—
Industrial truck operators	856	14,407	4,343	1,704	1,217	696	857	1,046	374
Miscellaneous moving equipment operators	859	5,162	1,988	932	597	344	222	308	148
Handlers, equipment cleaners, helpers, laborers		275,833	93,509	50,051	21,670	15,782	14,196	22,366	7,501
Supervisors, handlers, equipment cleaners, and laborers	864	1,317	370	114	200	—	56	202	—
Helpers, mechanics and repairers	865	2,111	719	394	112	108	189	202	—
Helpers, construction trades	866	7,604	2,960	1,854	691	294	1,485	810	149
Helpers, surveyors	867	339	140	79	55	—	—	—	—
Helpers, extractive	868	210	131	55	—	54	—	—	—
Construction laborers	869	44,057	17,610	9,550	4,377	2,258	3,465	3,113	1,090
Helpers, production	874	6,341	2,787	1,307	486	820	161	400	172
Garbage collectors	875	1,196	214	73	78	58	—	73	57
Stevedores	876	1,237	565	359	95	87	38	126	45
Stock handlers and baggers	877	26,274	7,986	5,071	1,719	943	1,172	2,293	607
Machine feeders and offbearers	878	4,796	1,944	562	373	918	106	344	207
Freight, stock, material handlers, n.e.c.	883	59,054	19,304	10,644	4,631	3,117	1,997	3,993	1,474
Garages, service stations	885	6,315	2,237	1,211	530	214	229	582	235
Vehicle washers and cleaners	887	7,915	2,298	1,005	700	307	386	1,196	355
Hand packers and packagers	888	9,819	2,516	1,142	694	420	963	863	313

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									All other events ⁴
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			
	Total	In lifting					Total	By person	All other assaults	
Taxicab drivers and chauffeurs	339	252	—	—	520	—	43	43	—	123
Parking lot attendants	48	—	—	—	111	—	—	—	—	93
Motor transportation, n.e.c.	18	—	—	—	133	—	—	—	—	—
Railroad conductors and yardmasters	163	—	19	49	174	—	—	—	—	222
Locomotive operators	91	—	—	55	193	—	—	—	—	122
Railroad brake, signal, switch operators	99	—	—	—	83	—	—	—	—	134
Rail vehicle operators, n.e.c.	—	—	—	—	—	—	—	—	—	—
Ship captains, mates, except fishing	70	—	—	—	—	—	—	—	—	67
Sailors and deckhands	270	77	—	—	80	—	—	—	—	210
Marine engineers	—	—	—	—	—	—	—	—	—	—
Supervisors, material moving equipment operators	260	180	51	20	46	—	—	—	—	178
Operating engineers	635	255	43	64	408	—	—	—	—	873
Longshore equipment operators	—	—	—	—	—	—	—	—	—	—
Hoist and winch operators	232	67	—	—	—	—	—	—	—	60
Crane and tower operators	340	127	38	83	52	—	—	—	—	142
Excavating and loading machine operators	542	232	50	85	130	—	—	—	—	154
Grader, dozer, scraper operators ...	164	82	—	—	113	—	—	—	—	87
Industrial truck operators	3,348	1,855	296	451	1,652	—	140	113	—	1,891
Miscellaneous moving equipment operators	1,425	694	103	188	249	17	—	—	—	510
Handlers, equipment cleaners, helpers, laborers	85,051	53,711	6,421	9,204	10,403	680	791	378	412	25,714
Supervisors, handlers, equipment cleaners, and laborers	348	132	—	70	99	—	—	—	—	125
Helpers, mechanics and repairers	419	189	—	280	91	75	—	—	—	122
Helpers, construction trades	1,084	787	82	168	234	—	—	—	—	571
Helpers, surveyors	—	—	—	—	—	—	—	—	—	44
Helpers, extractive	47	—	—	—	—	—	—	—	—	—
Construction laborers	9,411	5,402	501	1,847	2,174	72	136	65	71	4,637
Helpers, production	1,488	852	220	410	105	—	—	—	—	591
Garbage collectors	409	310	16	47	99	—	—	—	—	255
Stevedores	145	—	—	—	133	—	—	—	—	168
Stock handlers and baggers	10,237	6,717	701	507	571	—	60	48	—	2,141
Machine feeders and offbearers	1,279	733	269	175	38	—	—	—	—	416
Freight, stock, material handlers, n.e.c.	23,098	15,061	835	1,010	2,057	—	194	103	91	5,065
Garages, service stations	1,359	903	135	293	352	165	57	16	41	671
Vehicle washers and cleaners	1,305	666	158	877	463	59	—	—	—	809
Hand packers and packagers	2,710	1,790	1,007	180	126	—	—	—	—	1,141

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Occupation code ²	Total cases	Event or exposure leading to injury or illness ³						
			Contact with objects				Fall to lower level	Fall on same level	Slips or trips without fall
			Total	Struck by object	Struck against object	Caught in or compressed or crushed			
Laborers, nonconstruction	889	97,250	31,728	16,630	6,908	6,145	3,888	8,132	2,755
Nonclassifiable	999	13,537	2,405	1,216	636	215	440	871	360

See footnotes at end of table.

TABLE R12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected events or exposures leading to injury or illness, 1998 — Continued

Occupation	Event or exposure leading to injury or illness ³									
	Overexertion		Repetitive motion	Exposure to harmful substance or environment	Transportation accidents	Fires and explosions	Assaults and violent acts			All other events ⁴
	Total	In lifting					Total	By person	All other assaults	
Laborers, nonconstruction	31,677	20,131	2,483	3,318	3,831	249	234	52	183	8,956
Nonclassifiable	1,881	1,120	348	399	234	19	48	38	—	6,533

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 1990 occupational classification structure developed by the Bureau of the Census.

³ Data shown in columns correspond to the following Event codes: Contact with objects, Total = 00-09; Struck by object = 020-029; Struck against object = 010-019; Caught in or compressed or crushed = 030-049; Fall to lower level = 110-119; Fall on same level = 130-139; Slips or trips without fall = 215; Overexertion, Total = 220-229; In lifting = 221; Repetitive motion = 230-239; Exposure to harmful substance or environment = 30-39; Transportation accidents = 40-49; Fires and explosions = 50-52; Assaults

and violent acts, Total = 60-63; By person = 61; All other assaults = 60, 62, and 63; All other events = 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