

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Total		113.3	43.8	9.4	10.5	9.1	1.3	9.8	1.6
Management occupations	11-0000	36.2	13.6	4.5	2.7	2.6	.1	2.4	.1
Top executives	11-1000	17.3	4.2	3.4	4.1	4.1	—	1.5	—
Chief executives	11-1010	57.1	12.0	18.2	14.4	14.4	—	5.3	—
Chief executives	11-1011	57.1	12.0	18.2	14.4	14.4	—	5.3	—
General and operations managers	11-1020	10.9	2.9	1.0	2.4	2.4	—	.8	—
General and operations managers	11-1021	10.9	2.9	1.0	2.4	2.4	—	.8	—
Advertising, marketing, promotions, public relations, and sales managers	11-2000	20.0	10.0	1.7	.5	.5	—	1.7	.4
Advertising and promotions managers	11-2010	8.2	5.6	—	—	—	—	—	—
Advertising and promotions managers	11-2011	8.2	5.6	—	—	—	—	—	—
Marketing and sales managers	11-2020	20.8	10.6	1.9	.6	.6	—	1.9	.5
Marketing managers	11-2021	15.5	3.8	2.8	1.7	1.7	—	.9	—
Sales managers	11-2022	23.4	14.0	1.4	—	—	—	2.3	—
Public relations managers	11-2030	20.4	6.8	—	—	—	—	—	—
Public relations managers	11-2031	20.4	6.8	—	—	—	—	—	—
Operations specialties managers	11-3000	24.5	9.1	3.5	1.8	1.8	—	1.1	—
Administrative services managers	11-3010	17.3	2.8	1.0	—	—	—	—	—
Administrative services managers	11-3011	17.3	2.8	1.0	—	—	—	—	—
Computer and information systems managers	11-3020	7.3	3.5	—	—	—	—	1.1	—
Computer and information systems managers	11-3021	7.3	3.5	—	—	—	—	1.1	—
Financial managers	11-3030	29.1	8.6	5.4	2.4	2.4	—	1.0	—
Financial managers	11-3031	29.1	8.6	5.4	2.4	2.4	—	1.0	—
Human resources managers	11-3040	24.5	6.2	5.5	1.7	1.7	—	—	—
Training and development managers	11-3042	38.4	12.3	—	—	—	—	—	—
Industrial production managers	11-3050	33.0	17.2	5.0	1.7	1.7	—	1.5	—
Industrial production managers	11-3051	33.0	17.2	5.0	1.7	1.7	—	1.5	—
Purchasing managers	11-3060	32.8	12.9	—	8.0	8.0	—	2.7	—
Purchasing managers	11-3061	32.8	12.9	—	8.0	8.0	—	2.7	—
Transportation, storage, and distribution managers	11-3070	46.5	27.8	4.4	—	—	—	—	—
Transportation, storage, and distribution managers	11-3071	46.5	27.8	4.4	—	—	—	—	—
Other management occupations	11-9000	72.7	29.2	7.6	2.5	2.3	.2	4.8	.3
Agricultural managers	11-9010	10.7	3.3	1.4	2.1	1.7	—	—	—
Farm, ranch, and other agricultural managers	11-9011	5.7	2.4	.8	.7	.7	—	—	—
Construction managers	11-9020	57.0	18.6	7.9	3.4	3.1	—	2.0	—
Construction managers	11-9021	57.0	18.6	7.9	3.4	3.1	—	2.0	—
Education administrators	11-9030	70.7	11.5	14.6	—	—	—	2.5	—
Education administrators, preschool and child care center/program	11-9031	92.2	6.8	9.1	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Total	0.6	0.7	1.1	0.4	4.6	0.9	1.8	12.0	3.9	18.8
Management occupations .....	.1	.1	.4	—	3.1	.5	1.2	2.9	.7	6.3
Top executives	—	—	.2	—	.9	.1	.6	.6	.1	2.4
Chief executives	—	—	—	—	1.0	—	—	.8	—	5.3
Chief executives	—	—	—	—	1.0	—	—	.8	—	5.3
General and operations managers	—	—	.2	—	.9	—	.7	.6	.1	2.0
General and operations managers	—	—	.2	—	.9	—	.7	.6	.1	2.0
Advertising, marketing, promotions, public relations, and sales managers	—	—	—	—	1.1	—	.4	2.3	.7	2.1
Advertising and promotions managers	—	—	—	—	—	—	—	—	—	—
Advertising and promotions managers	—	—	—	—	—	—	—	—	—	—
Marketing and sales managers	—	—	—	—	1.2	—	.4	1.8	.8	2.3
Marketing managers	—	—	—	—	—	—	—	3.0	1.5	1.9
Sales managers	—	—	—	—	1.6	—	.5	1.2	—	2.4
Public relations managers	—	—	—	—	—	—	—	9.6	—	—
Public relations managers	—	—	—	—	—	—	—	9.6	—	—
Operations specialties managers .....	.1	—	.7	—	2.6	.2	1.8	2.2	.4	3.4
Administrative services managers	—	—	—	—	1.0	—	—	4.4	—	7.3
Administrative services managers	—	—	—	—	1.0	—	—	4.4	—	7.3
Computer and information systems managers	—	—	—	—	—	—	—	—	—	.7
Computer and information systems managers	—	—	—	—	—	—	—	—	—	.7
Financial managers	—	—	1.2	—	5.2	—	5.0	1.6	—	3.5
Financial managers	—	—	1.2	—	5.2	—	5.0	1.6	—	3.5
Human resources managers	—	—	—	—	4.5	—	—	2.9	—	1.6
Training and development managers	—	—	—	—	—	—	—	—	—	—
Industrial production managers	—	—	—	—	—	—	—	1.7	—	3.8
Industrial production managers	—	—	—	—	—	—	—	1.7	—	3.8
Purchasing managers	—	—	—	—	—	—	—	3.6	—	3.4
Purchasing managers	—	—	—	—	—	—	—	3.6	—	3.4
Transportation, storage, and distribution managers	—	—	—	—	2.0	—	—	4.6	—	4.8
Transportation, storage, and distribution managers	—	—	—	—	2.0	—	—	4.6	—	4.8
Other management occupations	—	.4	.4	—	6.8	1.4	1.8	6.3	1.8	14.4
Agricultural managers	—	—	—	—	—	—	—	1.2	—	1.5
Farm, ranch, and other agricultural managers	—	—	—	—	—	—	—	—	—	.9
Construction managers	—	—	—	—	3.0	—	—	5.1	2.4	16.8
Construction managers	—	—	—	—	3.0	—	—	5.1	2.4	16.8
Education administrators	—	—	—	—	2.8	—	—	7.4	—	30.4
Education administrators, preschool and child care center/program	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Education administrators, elementary and secondary school	11-9032	38.0	9.8	18.0	—	—	—	—	—
Education administrators, postsecondary ...	11-9033	66.1	18.5	22.7	—	—	—	6.7	—
Engineering managers	11-9040	5.4	1.4	—	1.5	1.3	—	—	—
Engineering managers	11-9041	5.4	1.4	—	1.5	1.3	—	—	—
Food service managers	11-9050	61.4	26.2	7.7	1.9	1.9	—	3.0	1.1
Food service managers	11-9051	61.4	26.2	7.7	1.9	1.9	—	3.0	1.1
Funeral directors	11-9060	26.7	21.4	—	—	—	—	—	—
Lodging managers	11-9080	26.5	—	—	14.0	14.0	—	—	—
Lodging managers	11-9081	26.5	—	—	14.0	14.0	—	—	—
Medical and health services managers	11-9110	120.5	67.9	14.4	1.3	1.3	—	11.7	—
Medical and health services managers	11-9111	120.5	67.9	14.4	1.3	1.3	—	11.7	—
Property, real estate, and community association managers	11-9140	67.4	48.7	3.1	—	—	—	3.2	—
Property, real estate, and community association managers	11-9141	67.4	48.7	3.1	—	—	—	3.2	—
Social and community service managers	11-9150	109.6	53.6	3.4	3.0	3.0	—	11.9	—
Social and community service managers	11-9151	109.6	53.6	3.4	3.0	3.0	—	11.9	—
Business and financial operations occupations	13-0000	14.7	4.2	1.9	.8	.8	—	1.0	.1
Business operations specialists	13-1000	18.0	5.5	1.5	1.3	1.2	—	1.5	.2
Buyers and purchasing agents	13-1020	33.0	15.0	1.5	7.8	7.8	—	2.7	—
Purchasing agents and buyers, farm products	13-1021	218.3	—	—	—	—	—	—	—
Wholesale and retail buyers, except farm products	13-1022	39.7	21.6	3.6	—	—	—	4.5	—
Purchasing agents, except wholesale, retail, and farm products	13-1023	19.2	12.2	—	—	—	—	1.9	—
Claims adjusters, appraisers, examiners, and investigators	13-1030	37.6	11.4	3.8	—	—	—	2.7	—
Claims adjusters, examiners, and investigators	13-1031	37.2	9.8	4.0	—	—	—	2.8	—
Insurance appraisers, auto damage	13-1032	43.9	42.8	—	—	—	—	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation	13-1040	5.5	—	—	—	—	—	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation	13-1041	5.5	—	—	—	—	—	—	—
Cost estimators	13-1050	16.8	4.8	2.4	—	—	—	—	—
Cost estimators	13-1051	16.8	4.8	2.4	—	—	—	—	—
Human resources, training, and labor relations specialists	13-1070	21.3	6.3	2.1	—	—	—	3.1	.6
Employment, recruitment, and placement specialists	13-1071	12.0	5.4	—	—	—	—	—	2.1

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Education administrators, elementary and secondary school	-	-	-	-	-	-	-	-	-	6.7
Education administrators, postsecondary ...	-	-	-	-	-	-	-	-	-	11.0
Engineering managers	-	-	-	-	-	-	-	-	-	1.2
Engineering managers	-	-	-	-	-	-	-	-	-	1.2
Food service managers	-	-	-	-	7.3	-	-	3.5	2.2	9.9
Food service managers	-	-	-	-	7.3	-	-	3.5	2.2	9.9
Funeral directors	-	-	-	-	-	-	-	-	-	-
Lodging managers	-	-	-	-	-	-	-	-	-	-
Lodging managers	-	-	-	-	-	-	-	-	-	-
Medical and health services managers	-	-	0.8	-	4.6	-	3.4	8.3	2.8	11.3
Medical and health services managers	-	-	.8	-	4.6	-	3.4	8.3	2.8	11.3
Property, real estate, and community association managers	-	-	-	-	-	-	-	2.3	-	8.1
Property, real estate, and community association managers	-	-	-	-	-	-	-	2.3	-	8.1
Social and community service managers	-	-	-	-	7.4	7.3	-	12.1	-	18.0
Social and community service managers	-	-	-	-	7.4	7.3	-	12.1	-	18.0
Business and financial operations occupations	-	-	.4	-	2.0	.1	.9	1.7	.4	2.5
Business operations specialists	-	-	.5	-	1.6	.2	.1	2.5	.7	3.6
Buyers and purchasing agents	-	-	1.0	-	.5	-	-	2.1	-	2.4
Purchasing agents and buyers, farm products	-	-	-	-	-	-	-	-	-	-
Wholesale and retail buyers, except farm products	-	-	2.5	-	-	-	-	3.7	-	2.2
Purchasing agents, except wholesale, retail, and farm products	-	-	-	-	-	-	-	1.4	-	2.4
Claims adjusters, appraisers, examiners, and investigators	-	-	1.4	-	1.3	-	-	2.2	-	14.1
Claims adjusters, examiners, and investigators	-	-	1.5	-	1.3	-	-	2.3	-	14.9
Insurance appraisers, auto damage	-	-	-	-	-	-	-	-	-	-
Compliance officers, except agriculture, construction, health and safety, and transportation	-	-	-	-	-	-	-	-	-	-
Compliance officers, except agriculture, construction, health and safety, and transportation	-	-	-	-	-	-	-	-	-	-
Cost estimators	-	-	-	-	-	-	-	8.5	-	.7
Cost estimators	-	-	-	-	-	-	-	8.5	-	.7
Human resources, training, and labor relations specialists	-	-	.7	-	1.2	.5	.3	2.8	1.8	4.2
Employment, recruitment, and placement specialists	-	-	1.0	-	-	-	-	-	-	1.3

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Compensation, benefits, and job analysis specialists	13-1072	13.8	1.7	—	—	—	—	—	—
Training and development specialists	13-1073	34.2	9.2	4.2	—	—	—	9.2	—
Logisticians	13-1080	41.2	4.4	—	—	—	—	—	—
Logisticians	13-1081	41.2	4.4	—	—	—	—	—	—
Management analysts	13-1110	6.1	1.5	.4	0.5	0.5	—	—	—
Management analysts	13-1111	6.1	1.5	.4	.5	.5	—	—	—
Meeting and convention planners	13-1120	4.4	—	—	—	—	—	—	—
Meeting and convention planners	13-1121	4.4	—	—	—	—	—	—	—
Financial specialists	13-2000	10.4	2.6	2.5	.2	.2	—	.4	—
Accountants and auditors	13-2010	10.8	2.7	3.8	—	—	—	.3	—
Accountants and auditors	13-2011	10.8	2.7	3.8	—	—	—	.3	—
Credit analysts	13-2040	4.3	—	—	—	—	—	—	—
Credit analysts	13-2041	4.3	—	—	—	—	—	—	—
Financial analysts and advisors	13-2050	3.8	.7	.5	—	—	—	.4	—
Financial analysts	13-2051	3.1	—	—	—	—	—	—	—
Personal financial advisors	13-2052	3.1	1.7	—	—	—	—	—	—
Insurance underwriters	13-2053	6.5	—	—	—	—	—	—	—
Loan counselors and officers	13-2070	8.5	3.8	2.0	—	—	—	—	—
Loan counselors	13-2071	53.9	38.0	—	—	—	—	—	—
Loan officers	13-2072	5.0	1.2	2.0	—	—	—	—	—
Tax examiners, collectors, preparers, and revenue agents	13-2080	10.4	—	—	—	—	—	—	—
Tax preparers	13-2082	9.8	—	—	—	—	—	—	—
Computer and mathematical occupations	15-0000	12.1	4.5	.9	.5	.5	—	.7	—
Computer specialists	15-1000	12.1	4.6	.9	.5	.5	—	.7	—
Computer programmers	15-1020	3.7	1.6	—	—	—	—	.5	—
Computer programmers	15-1021	3.7	1.6	—	—	—	—	.5	—
Computer software engineers	15-1030	2.3	.6	.2	—	—	—	—	—
Computer software engineers, applications	15-1031	2.2	.7	—	—	—	—	—	—
Computer software engineers, systems software	15-1032	2.4	.5	—	—	—	—	—	—
Computer support specialists	15-1040	20.8	11.3	.7	.5	.5	—	.6	—
Computer support specialists	15-1041	20.8	11.3	.7	.5	.5	—	.6	—
Computer systems analysts	15-1050	21.3	3.3	3.0	1.9	1.9	—	—	—
Computer systems analysts	15-1051	21.3	3.3	3.0	1.9	1.9	—	—	—
Database administrators	15-1060	3.9	2.9	—	—	—	—	—	—
Database administrators	15-1061	3.9	2.9	—	—	—	—	—	—
Network and computer systems administrators	15-1070	6.4	2.9	—	—	—	—	1.8	—
Network and computer systems administrators	15-1071	6.4	2.9	—	—	—	—	1.8	—
Network systems and data communications analysts	15-1080	28.4	12.1	2.1	—	—	—	1.8	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Compensation, benefits, and job analysis specialists	-	-	-	-	-	-	-	-	-	9.6
Training and development specialists	-	-	-	-	-	-	-	6.8	6.1	3.7
Logisticians	-	-	-	-	-	-	-	14.6	7.1	17.6
Logisticians	-	-	-	-	-	-	-	14.6	7.1	17.6
Management analysts	-	-	-	-	-	-	-	1.0	.6	1.9
Management analysts	-	-	-	-	-	-	-	1.0	.6	1.9
Meeting and convention planners	-	-	-	-	-	-	-	-	-	-
Meeting and convention planners	-	-	-	-	-	-	-	-	-	-
Financial specialists	-	-	0.4	-	2.4	-	1.8	.7	-	1.1
Accountants and auditors	-	-	.5	-	1.4	-	.3	1.1	-	.9
Accountants and auditors	-	-	.5	-	1.4	-	.3	1.1	-	.9
Credit analysts	-	-	-	-	-	-	-	-	-	-
Credit analysts	-	-	-	-	-	-	-	-	-	-
Financial analysts and advisors	-	-	-	-	-	-	-	.5	-	.8
Financial analysts	-	-	-	-	-	-	-	-	-	1.1
Personal financial advisors	-	-	-	-	-	-	-	-	-	-
Insurance underwriters	-	-	-	-	-	-	-	-	-	-
Loan counselors and officers	-	-	-	-	-	-	-	-	-	1.8
Loan counselors	-	-	-	-	-	-	-	-	-	7.9
Loan officers	-	-	-	-	-	-	-	-	-	1.3
Tax examiners, collectors, preparers, and revenue agents	-	-	-	-	-	-	-	-	-	-
Tax preparers	-	-	-	-	-	-	-	-	-	-
Computer and mathematical occupations	-	-	1.6	0.1	1.1	0.1	-	1.4	.6	1.3
Computer specialists	-	-	1.6	.1	1.1	.1	-	1.4	.6	1.1
Computer programmers	-	-	-	-	.7	-	-	-	-	-
Computer programmers	-	-	-	-	.7	-	-	-	-	-
Computer software engineers	-	-	-	-	-	-	-	.4	-	.6
Computer software engineers, applications	-	-	-	-	-	-	-	-	-	.4
Computer software engineers, systems software	-	-	-	-	-	-	-	.7	-	.8
Computer support specialists	-	-	-	-	2.3	.4	-	3.5	.7	1.5
Computer support specialists	-	-	-	-	2.3	.4	-	3.5	.7	1.5
Computer systems analysts	-	-	8.4	.8	-	-	-	.8	-	2.6
Computer systems analysts	-	-	8.4	.8	-	-	-	.8	-	2.6
Database administrators	-	-	-	-	-	-	-	-	-	-
Database administrators	-	-	-	-	-	-	-	-	-	-
Network and computer systems administrators	-	-	-	-	-	-	-	-	-	-
Network and computer systems administrators	-	-	-	-	-	-	-	-	-	-
Network systems and data communications analysts	-	-	-	-	7.8	-	-	2.8	1.3	1.4

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Network systems and data communications analysts	15-1081	28.4	12.1	2.1	—	—	—	1.8	—
Mathematical science occupations	15-2000	8.9	—	—	—	—	—	—	—
Operations research analysts	15-2030	14.2	—	—	—	—	—	—	—
Operations research analysts	15-2031	14.2	—	—	—	—	—	—	—
Architecture and engineering occupations	17-0000	23.7	7.7	2.1	2.0	1.6	0.4	1.1	0.2
Architects, surveyors, and cartographers	17-1000	43.0	3.7	2.3	1.9	1.0	—	1.5	—
Architects, except naval	17-1010	9.8	—	—	—	—	—	—	—
Architects, except landscape and naval	17-1011	10.5	—	—	—	—	—	—	—
Surveyors, cartographers, and photogrammetrists	17-1020	122.0	11.2	3.0	4.3	—	—	—	—
Surveyors	17-1022	139.2	12.9	3.4	4.9	—	—	—	—
Engineers	17-2000	9.7	3.6	1.1	.7	.6	—	.9	.2
Aerospace engineers	17-2010	3.4	—	—	—	—	—	—	—
Aerospace engineers	17-2011	3.4	—	—	—	—	—	—	—
Biomedical engineers	17-2030	12.9	—	—	—	—	—	—	—
Biomedical engineers	17-2031	12.9	—	—	—	—	—	—	—
Civil engineers	17-2050	11.1	4.2	—	—	—	—	—	—
Civil engineers	17-2051	11.1	4.2	—	—	—	—	—	—
Computer hardware engineers	17-2060	14.1	8.4	—	—	—	—	—	—
Computer hardware engineers	17-2061	14.1	8.4	—	—	—	—	—	—
Electrical and electronics engineers	17-2070	7.8	4.6	—	—	—	—	—	—
Electrical engineers	17-2071	5.1	2.0	—	—	—	—	—	—
Electronics engineers, except computer	17-2072	11.1	7.8	—	—	—	—	—	—
Industrial engineers, including health and safety	17-2110	8.3	3.0	1.1	2.0	1.9	—	—	—
Health and safety engineers, except mining safety engineers and inspectors	17-2111	22.2	14.5	—	—	—	—	—	—
Industrial engineers	17-2112	6.9	1.9	1.0	2.1	2.0	—	—	—
Materials engineers	17-2130	21.9	—	—	—	—	—	—	—
Materials engineers	17-2131	21.9	—	—	—	—	—	—	—
Mechanical engineers	17-2140	8.6	2.9	—	—	—	—	—	—
Mechanical engineers	17-2141	8.6	2.9	—	—	—	—	—	—
Mining and geological engineers, including mining safety engineers	17-2150	71.9	23.5	29.3	—	—	—	—	—
Mining and geological engineers, including mining safety engineers	17-2151	71.9	23.5	29.3	—	—	—	—	—
Drafters, engineering, and mapping technicians	17-3000	46.4	16.8	4.2	4.7	3.6	1.1	1.3	.4
Drafters	17-3010	6.2	1.0	1.7	—	—	—	—	—
Architectural and civil drafters	17-3011	1.8	—	—	—	—	—	—	—
Mechanical drafters	17-3013	7.4	—	—	—	—	—	—	—
Engineering technicians, except drafters	17-3020	63.4	21.1	5.8	6.2	4.3	1.8	2.1	.7
Electrical and electronic engineering technicians	17-3023	99.6	39.7	6.4	9.6	6.1	3.5	2.5	—
Electro-mechanical technicians	17-3024	14.0	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Network systems and data communications analysts	-	-	-	-	7.8	-	-	2.8	1.3	1.4
Mathematical science occupations	-	-	-	-	-	-	-	-	-	5.3
Operations research analysts	-	-	-	-	-	-	-	-	-	9.3
Operations research analysts	-	-	-	-	-	-	-	-	-	9.3
Architecture and engineering occupations	-	0.2	0.3	0.3	1.9	0.5	0.5	2.2	.6	5.7
Architects, surveyors, and cartographers	-	-	-	-	6.7	3.5	-	3.5	-	23.4
Architects, except naval	-	-	-	-	-	-	-	-	-	-
Architects, except landscape and naval	-	-	-	-	-	-	-	-	-	-
Surveyors, cartographers, and photogrammetrists	-	-	-	-	22.6	11.6	-	11.9	-	68.2
Surveyors	-	-	-	-	25.9	13.4	-	13.7	-	77.6
Engineers	-	-	.2	-	.8	-	.5	.6	.2	1.5
Aerospace engineers	-	-	-	-	-	-	-	-	-	-
Aerospace engineers	-	-	-	-	-	-	-	-	-	-
Biomedical engineers	-	-	-	-	-	-	-	-	-	-
Biomedical engineers	-	-	-	-	-	-	-	-	-	-
Civil engineers	-	-	1.5	-	-	-	-	2.0	-	1.1
Civil engineers	-	-	1.5	-	-	-	-	2.0	-	1.1
Computer hardware engineers	-	-	-	-	-	-	-	-	-	3.3
Computer hardware engineers	-	-	-	-	-	-	-	-	-	3.3
Electrical and electronics engineers	-	-	-	-	-	-	-	-	-	.8
Electrical engineers	-	-	-	-	-	-	-	-	-	-
Electronics engineers, except computer	-	-	-	-	-	-	-	-	-	-
Industrial engineers, including health and safety	-	-	-	-	-	-	-	-	-	1.3
Health and safety engineers, except mining safety engineers and inspectors	-	-	-	-	-	-	-	-	-	-
Industrial engineers	-	-	-	-	-	-	-	-	-	.9
Materials engineers	-	-	-	-	-	-	-	-	-	-
Materials engineers	-	-	-	-	-	-	-	-	-	-
Mechanical engineers	-	-	-	-	2.6	-	2.3	-	-	1.4
Mechanical engineers	-	-	-	-	2.6	-	2.3	-	-	1.4
Mining and geological engineers, including mining safety engineers	-	-	-	-	-	-	-	-	-	-
Mining and geological engineers, including mining safety engineers	-	-	-	-	-	-	-	-	-	-
Drafters, engineering, and mapping technicians	-	.5	.5	1.0	2.6	.7	.6	5.0	1.7	9.3
Drafters	-	-	-	-	-	-	-	1.1	-	1.4
Architectural and civil drafters	-	-	-	-	-	-	-	-	-	1.5
Mechanical drafters	-	-	-	-	-	-	-	-	-	-
Engineering technicians, except drafters	-	.8	.8	-	4.5	1.3	1.0	6.5	1.7	14.5
Electrical and electronic engineering technicians	-	-	1.1	-	3.9	1.5	1.7	11.9	3.3	23.5
Electro-mechanical technicians	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Environmental engineering technicians	17-3025	17.7	—	—	—	—	—	—	—
Industrial engineering technicians	17-3026	30.2	4.1	3.9	2.9	2.5	—	—	—
Mechanical engineering technicians	17-3027	65.8	15.6	4.3	13.1	10.1	—	—	—
Surveying and mapping technicians	17-3030	85.8	49.3	—	10.6	10.6	—	—	—
Surveying and mapping technicians	17-3031	85.8	49.3	—	10.6	10.6	—	—	—
Life, physical, and social science occupations	19-0000	28.3	9.8	3.2	3.1	2.3	0.8	3.4	0.4
Life scientists	19-1000	21.3	3.9	3.4	—	—	—	4.9	—
Agricultural and food scientists	19-1010	61.7	—	24.8	—	—	—	25.6	—
Food scientists and technologists	19-1012	91.9	—	—	—	—	—	46.2	—
Soil and plant scientists	19-1013	21.6	—	—	—	—	—	—	—
Biological scientists	19-1020	12.5	—	—	—	—	—	—	—
Zoologists and wildlife biologists	19-1023	35.8	—	—	—	—	—	—	—
Conservation scientists and foresters	19-1030	81.1	35.6	—	—	—	—	—	—
Foresters	19-1032	132.8	63.7	—	—	—	—	—	—
Medical scientists	19-1040	8.0	2.0	—	—	—	—	—	—
Medical scientists, except epidemiologists ..	19-1042	8.0	2.1	—	—	—	—	—	—
Physical scientists	19-2000	12.4	2.7	2.4	—	—	—	1.4	—
Chemists and materials scientists	19-2030	9.2	2.1	—	—	—	—	—	—
Chemists	19-2031	10.2	2.4	—	—	—	—	—	—
Environmental scientists and geoscientists	19-2040	8.8	3.1	—	—	—	—	—	—
Environmental scientists and specialists, including health	19-2041	14.5	4.9	—	—	—	—	—	—
Social scientists and related workers	19-3000	14.2	4.5	—	4.0	2.6	1.4	2.1	—
Market and survey researchers	19-3020	6.6	4.1	—	.7	.7	—	—	—
Market research analysts	19-3021	7.0	4.3	—	.8	.7	—	—	—
Psychologists	19-3030	34.4	5.6	—	—	—	—	15.6	—
Clinical, counseling, and school psychologists	19-3031	27.3	5.9	—	—	—	—	17.0	—
Miscellaneous social scientists and related workers	19-3090	99.1	11.7	—	68.7	—	27.8	—	—
Anthropologists and archeologists	19-3091	268.4	—	—	190.7	—	—	—	—
Life, physical, and social science technicians	19-4000	69.0	28.5	7.8	5.8	4.5	1.3	5.9	1.6
Agricultural and food science technicians	19-4010	125.5	45.2	—	13.5	—	—	18.9	—
Agricultural and food science technicians ...	19-4011	125.5	45.2	—	13.5	—	—	18.9	—
Biological technicians	19-4020	10.0	—	—	—	—	—	—	—
Biological technicians	19-4021	10.0	—	—	—	—	—	—	—
Chemical technicians	19-4030	59.0	22.1	4.7	4.9	—	2.7	10.5	—
Chemical technicians	19-4031	59.0	22.1	4.7	4.9	—	2.7	10.5	—
Geological and petroleum technicians	19-4040	27.4	—	—	—	—	—	—	—
Geological and petroleum technicians	19-4041	27.4	—	—	—	—	—	—	—
Miscellaneous life, physical, and social science technicians	19-4090	148.4	68.2	18.3	12.3	12.3	—	3.3	—
Environmental science and protection technicians, including health	19-4091	19.9	10.0	—	—	—	—	—	—
Community and social services occupations	21-0000	99.6	42.9	9.8	2.0	1.5	.5	10.6	.2

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Environmental engineering technicians	—	—	—	—	—	—	—	—	—	—
Industrial engineering technicians	—	—	—	—	6.6	—	—	3.5	—	6.0
Mechanical engineering technicians	—	—	—	—	—	—	—	3.6	—	22.9
Surveying and mapping technicians	—	—	—	—	—	—	—	9.4	5.5	4.1
Surveying and mapping technicians	—	—	—	—	—	—	—	9.4	5.5	4.1
Life, physical, and social science occupations	0.6	—	0.5	0.3	.5	—	—	1.6	.4	4.9
Life scientists	—	—	—	1.4	—	—	—	—	—	5.9
Agricultural and food scientists	—	—	—	—	—	—	—	—	—	—
Food scientists and technologists	—	—	—	—	—	—	—	—	—	—
Soil and plant scientists	—	—	—	—	—	—	—	—	—	—
Biological scientists	—	—	—	—	—	—	—	—	—	4.9
Zoologists and wildlife biologists	—	—	—	—	—	—	—	—	—	—
Conservation scientists and foresters	—	—	—	—	—	—	—	—	—	—
Foresters	—	—	—	—	—	—	—	—	—	—
Medical scientists	—	—	—	—	—	—	—	—	—	—
Medical scientists, except epidemiologists ..	—	—	—	—	—	—	—	—	—	—
Physical scientists	—	—	—	—	1.0	—	—	—	—	2.7
Chemists and materials scientists	—	—	—	—	—	—	—	—	—	2.4
Chemists	—	—	—	—	—	—	—	—	—	2.7
Environmental scientists and geoscientists	—	—	—	—	—	—	—	—	—	3.5
Environmental scientists and specialists, including health	—	—	—	—	—	—	—	—	—	5.8
Social scientists and related workers	—	—	—	—	—	—	—	.7	—	1.9
Market and survey researchers	—	—	—	—	—	—	—	—	—	—
Market research analysts	—	—	—	—	—	—	—	—	—	—
Psychologists	—	—	—	—	—	—	—	—	—	5.4
Clinical, counseling, and school psychologists	—	—	—	—	—	—	—	—	—	—
Miscellaneous social scientists and related workers	—	—	—	—	—	—	—	—	—	16.7
Anthropologists and archeologists	—	—	—	—	—	—	—	—	—	72.2
Life, physical, and social science technicians	1.9	—	1.4	—	—	—	—	4.6	1.3	10.6
Agricultural and food science technicians	—	—	—	—	—	—	—	—	—	20.4
Agricultural and food science technicians ..	—	—	—	—	—	—	—	—	—	20.4
Biological technicians	—	—	—	—	—	—	—	—	—	—
Biological technicians	—	—	—	—	—	—	—	—	—	—
Chemical technicians	4.9	—	—	—	—	—	—	2.7	—	6.3
Chemical technicians	4.9	—	—	—	—	—	—	2.7	—	6.3
Geological and petroleum technicians	—	—	—	—	—	—	—	—	—	—
Geological and petroleum technicians	—	—	—	—	—	—	—	—	—	—
Miscellaneous life, physical, and social science technicians	—	—	4.8	—	—	—	—	11.1	4.4	26.2
Environmental science and protection technicians, including health	—	—	—	—	—	—	—	—	—	—
Community and social services occupations	—	—	—	—	6.2	0.5	2.8	9.7	3.5	17.7

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Counselors, social workers, and other community and social service specialists	21-1000	102.8	44.1	10.2	2.1	1.6	0.5	11.3	0.2
Counselors	21-1010	119.6	45.9	14.0	1.7	1.6	—	13.8	—
Substance abuse and behavioral disorder counselors	21-1011	50.5	23.6	6.9	—	—	—	3.5	—
Educational, vocational, and school counselors	21-1012	76.4	19.9	12.8	—	—	—	5.0	—
Marriage and family therapists	21-1013	40.8	—	29.1	—	—	—	—	—
Mental health counselors	21-1014	103.2	26.5	21.9	—	—	—	20.9	—
Rehabilitation counselors	21-1015	80.9	51.0	7.3	—	—	—	5.1	—
Social workers	21-1020	103.0	44.8	11.1	2.9	2.0	.9	9.8	—
Child, family, and school social workers	21-1021	79.7	40.7	7.3	1.5	—	—	11.9	—
Medical and public health social workers	21-1022	68.2	23.0	9.0	—	—	—	6.2	—
Mental health and substance abuse social workers	21-1023	40.3	18.2	2.0	2.4	—	1.8	5.7	—
Miscellaneous community and social service specialists	21-1090	86.1	41.6	5.5	1.5	1.2	—	10.5	.6
Social and human service assistants	21-1093	96.6	51.2	7.1	1.9	1.3	—	13.4	.9
Religious workers	21-2000	45.2	22.5	—	—	—	—	—	—
Clergy	21-2010	10.0	5.1	—	—	—	—	—	—
Clergy	21-2011	10.0	5.1	—	—	—	—	—	—
Directors, religious activities and education	21-2020	88.4	82.9	—	—	—	—	—	—
Directors, religious activities and education	21-2021	88.4	82.9	—	—	—	—	—	—
Legal occupations	23-0000	20.2	9.1	3.0	—	—	—	1.1	—
Lawyers, judges, and related workers	23-1000	7.3	—	—	—	—	—	—	—
Lawyers	23-1010	7.4	—	—	—	—	—	—	—
Lawyers	23-1011	7.4	—	—	—	—	—	—	—
Legal support workers	23-2000	42.3	24.5	7.8	—	—	—	2.9	—
Paralegals and legal assistants	23-2010	45.8	32.3	1.2	—	—	—	3.7	—
Paralegals and legal assistants	23-2011	45.8	32.3	1.2	—	—	—	3.7	—
Miscellaneous legal support workers	23-2090	34.3	6.7	22.9	—	—	—	—	—
Title examiners, abstractors, and searchers	23-2093	39.6	—	36.1	—	—	—	—	—
Education, training, and library occupations	25-0000	62.8	20.2	5.3	1.3	.4	.9	5.3	.5
Postsecondary teachers	25-1000	21.5	7.6	2.2	3.3	—	—	.5	.6
Health teachers, postsecondary	25-1070	13.2	11.1	—	—	—	—	—	—
Health specialties teachers, postsecondary	25-1071	14.9	13.7	—	—	—	—	—	—
Arts, communications, and humanities teachers, postsecondary	25-1120	2.3	—	—	—	—	—	—	—
Miscellaneous postsecondary teachers	25-1190	53.5	16.2	5.4	9.5	—	—	—	1.7
Graduate teaching assistants	25-1191	8.7	—	—	—	—	—	—	—
Vocational education teachers, postsecondary	25-1194	124.5	32.1	5.8	—	—	—	—	—
Primary, secondary, and special education school teachers	25-2000	49.9	13.6	2.6	.7	.7	—	5.0	—
Preschool and kindergarten teachers	25-2010	53.9	15.9	—	.6	.6	—	6.7	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Counselors, social workers, and other community and social service specialists	-	-	-	-	6.5	0.5	2.9	9.8	3.2	18.1
Counselors	-	-	-	-	10.0	.8	3.0	14.8	4.8	18.8
Substance abuse and behavioral disorder counselors	-	-	-	-	4.1	-	3.9	7.3	6.8	4.0
Educational, vocational, and school counselors	-	-	-	-	3.8	-	-	10.5	3.8	21.4
Marriage and family therapists	-	-	-	-	-	-	-	-	-	-
Mental health counselors	-	-	-	-	11.0	-	6.9	10.8	-	11.3
Rehabilitation counselors	-	-	-	-	-	-	-	5.2	-	8.1
Social workers	-	-	-	-	7.5	.6	4.7	9.5	3.9	17.0
Child, family, and school social workers	-	-	-	-	7.6	-	6.4	2.8	-	8.0
Medical and public health social workers	-	-	-	-	8.6	-	5.8	9.8	2.5	10.6
Mental health and substance abuse social workers	-	-	-	-	4.3	-	-	4.0	-	3.7
Miscellaneous community and social service specialists	-	-	-	-	2.1	-	.8	5.2	1.0	18.8
Social and human service assistants	-	-	-	-	2.6	-	.9	6.5	1.5	12.8
Religious workers	-	-	-	-	-	-	-	-	-	10.2
Clergy	-	-	-	-	-	-	-	-	-	-
Clergy	-	-	-	-	-	-	-	-	-	-
Directors, religious activities and education	-	-	-	-	-	-	-	-	-	-
Directors, religious activities and education	-	-	-	-	-	-	-	-	-	-
Legal occupations	-	-	-	-	-	-	-	1.6	-	5.0
Lawyers, judges, and related workers	-	-	-	-	-	-	-	.4	-	6.6
Lawyers	-	-	-	-	-	-	-	.4	-	6.6
Lawyers	-	-	-	-	-	-	-	.4	-	6.6
Legal support workers	-	-	-	-	-	-	-	3.5	-	2.4
Paralegals and legal assistants	-	-	-	-	-	-	-	4.1	-	3.2
Paralegals and legal assistants	-	-	-	-	-	-	-	4.1	-	3.2
Miscellaneous legal support workers	-	-	-	-	-	-	-	2.1	-	-
Title examiners, abstractors, and searchers	-	-	-	-	-	-	-	3.3	-	-
Education, training, and library occupations	-	-	0.1	1.3	4.3	.8	2.1	14.5	7.3	10.1
Postsecondary teachers	-	-	-	-	-	-	-	.4	-	1.8
Health teachers, postsecondary	-	-	-	-	-	-	-	-	-	-
Health specialties teachers, postsecondary	-	-	-	-	-	-	-	-	-	-
Arts, communications, and humanities teachers, postsecondary	-	-	-	-	-	-	-	-	-	-
Miscellaneous postsecondary teachers	-	-	-	-	-	-	-	-	-	4.9
Graduate teaching assistants	-	-	-	-	-	-	-	-	-	-
Vocational education teachers, postsecondary	-	-	-	-	-	-	-	-	-	10.9
Primary, secondary, and special education school teachers	-	-	-	-	4.5	-	.5	12.6	6.4	10.3
Preschool and kindergarten teachers	-	-	-	-	8.0	-	-	10.8	.8	11.4

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Preschool teachers, except special education	25-2011	57.3	17.0	—	0.6	0.6	—	7.2	—
Elementary and middle school teachers	25-2020	57.3	9.6	5.5	—	—	—	3.8	—
Elementary school teachers, except special education	25-2021	48.3	13.3	7.0	—	—	—	5.1	—
Middle school teachers, except special and vocational education	25-2022	79.5	—	—	—	—	—	—	—
Secondary school teachers	25-2030	18.8	5.0	4.7	—	—	—	1.8	—
Secondary school teachers, except special and vocational education	25-2031	17.7	5.2	3.9	—	—	—	—	—
Vocational education teachers, secondary school	25-2032	50.9	—	—	—	—	—	—	—
Special education teachers	25-2040	63.3	39.0	—	5.5	5.5	—	5.2	—
Special education teachers, preschool, kindergarten, and elementary school	25-2041	78.1	52.2	—	9.0	9.0	—	—	—
Special education teachers, secondary school	25-2043	56.9	27.7	—	—	—	—	—	—
Other teachers and instructors	25-3000	104.8	45.5	7.6	—	—	—	6.9	—
Self-enrichment education teachers	25-3020	10.4	3.0	3.3	—	—	—	—	—
Self-enrichment education teachers	25-3021	10.4	3.0	3.3	—	—	—	—	—
Librarians, curators, and archivists	25-4000	33.1	10.5	—	—	—	—	6.4	—
Archivists, curators, and museum technicians	25-4010	26.8	—	—	—	—	—	—	—
Curators	25-4012	28.9	—	—	—	—	—	—	—
Museum technicians and conservators	25-4013	35.1	—	—	—	—	—	—	—
Librarians	25-4020	49.2	20.1	—	—	—	—	12.1	—
Librarians	25-4021	49.2	20.1	—	—	—	—	12.1	—
Other education, training, and library occupations	25-9000	132.8	38.2	15.9	—	—	—	12.2	—
Instructional coordinators	25-9030	28.1	13.9	—	—	—	—	4.6	—
Instructional coordinators	25-9031	28.1	13.9	—	—	—	—	4.6	—
Teacher assistants	25-9040	163.5	46.5	19.5	—	—	—	14.7	—
Teacher assistants	25-9041	163.5	46.5	19.5	—	—	—	14.7	—
Arts, design, entertainment, sports, and media occupations	27-0000	47.7	20.7	5.9	2.6	2.4	0.2	2.8	—
Art and design workers	27-1000	25.7	9.4	2.8	2.9	2.4	.5	1.7	—
Artists and related workers	27-1010	18.8	4.2	3.3	2.6	—	—	—	—
Art directors	27-1011	7.5	—	—	—	—	—	—	—
Fine artists, including painters, sculptors, and illustrators	27-1013	40.1	—	—	—	—	—	—	—
Designers	27-1020	27.0	10.4	2.7	3.0	2.5	.5	1.8	—
Commercial and industrial designers	27-1021	6.9	—	—	5.6	—	—	—	—
Fashion designers	27-1022	22.9	—	—	—	—	—	—	—
Floral designers	27-1023	61.8	31.3	8.3	11.2	8.7	—	—	—
Graphic designers	27-1024	8.1	—	—	—	—	—	—	—
Interior designers	27-1025	13.8	6.0	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Preschool teachers, except special education	-	-	-	-	8.5	-	-	11.1	0.9	12.2
Elementary and middle school teachers	-	-	-	-	1.4	-	-	22.4	19.8	12.7
Elementary school teachers, except special education	-	-	-	-	2.0	-	-	3.6	-	14.5
Middle school teachers, except special and vocational education	-	-	-	-	-	-	-	68.4	-	8.6
Secondary school teachers	-	-	-	-	-	-	-	2.7	-	4.3
Secondary school teachers, except special and vocational education	-	-	-	-	-	-	-	2.3	-	4.4
Vocational education teachers, secondary school	-	-	-	-	-	-	-	-	-	-
Special education teachers	-	-	-	-	-	-	-	5.8	-	5.8
Special education teachers, preschool, kindergarten, and elementary school	-	-	-	-	-	-	-	-	-	-
Special education teachers, secondary school	-	-	-	-	-	-	-	-	-	-
Other teachers and instructors	-	-	-	-	7.0	-	5.0	20.1	6.1	15.9
Self-enrichment education teachers	-	-	-	-	-	-	-	2.4	-	-
Self-enrichment education teachers	-	-	-	-	-	-	-	2.4	-	-
Librarians, curators, and archivists	-	-	-	-	-	-	-	3.6	-	8.1
Archivists, curators, and museum technicians	-	-	-	-	-	-	-	-	-	12.1
Curators	-	-	-	-	-	-	-	-	-	-
Museum technicians and conservators	-	-	-	-	-	-	-	-	-	-
Librarians	-	-	-	-	-	-	-	-	-	9.3
Librarians	-	-	-	-	-	-	-	-	-	9.3
Other education, training, and library occupations	-	-	-	-	8.5	-	7.0	38.9	23.1	18.4
Instructional coordinators	-	-	-	-	-	-	-	-	-	4.7
Instructional coordinators	-	-	-	-	-	-	-	-	-	4.7
Teacher assistants	-	-	-	-	11.0	-	9.0	50.1	29.9	21.0
Teacher assistants	-	-	-	-	11.0	-	9.0	50.1	29.9	21.0
Arts, design, entertainment, sports, and media occupations	-	-	0.1	-	2.8	0.4	1.5	4.3	.7	8.2
Art and design workers	-	-	-	-	.9	.6	-	2.3	-	5.3
Artists and related workers	-	-	-	-	-	-	-	3.5	-	3.7
Art directors	-	-	-	-	-	-	-	-	-	-
Fine artists, including painters, sculptors, and illustrators	-	-	-	-	-	-	-	-	-	-
Designers	-	-	-	-	1.0	.7	-	2.1	-	5.6
Commercial and industrial designers	-	-	-	-	-	-	-	-	-	-
Fashion designers	-	-	-	-	-	-	-	-	-	21.0
Floral designers	-	-	-	-	-	-	-	-	-	8.0
Graphic designers	-	-	-	-	.9	-	-	-	-	4.3
Interior designers	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Merchandise displayers and window trimmers	27-1026	51.9	23.9	3.0	4.0	3.1	—	5.8	—
Set and exhibit designers	27-1027	61.4	—	—	—	—	—	—	—
Entertainers and performers, sports and related workers	27-2000	158.1	79.5	12.4	4.6	4.5	—	8.3	—
Actors, producers, and directors	27-2010	45.1	17.8	2.0	7.3	7.3	—	4.4	—
Actors	27-2011	124.5	60.5	—	8.0	8.0	—	—	—
Producers and directors	27-2012	19.6	4.1	2.4	7.1	7.1	—	4.3	—
Athletes, coaches, umpires, and related workers	27-2020	264.3	126.5	19.0	—	—	—	7.9	—
Athletes and sports competitors	27-2021	1,057.5	548.7	73.0	—	—	—	42.5	—
Coaches and scouts	27-2022	161.5	78.2	13.4	—	—	—	3.3	—
Umpires, referees, and other sports officials	27-2023	409.6	105.1	—	—	—	—	—	—
Dancers and choreographers	27-2030	201.8	138.7	—	—	—	—	—	—
Dancers	27-2031	442.0	305.1	—	—	—	—	—	—
Musicians, singers, and related workers	27-2040	21.4	7.6	—	—	—	—	—	—
Musicians and singers	27-2042	21.6	9.0	—	—	—	—	—	—
Media and communication workers	27-3000	10.3	3.7	1.6	.6	.5	—	.7	—
Announcers	27-3010	5.6	—	—	—	—	—	—	—
Radio and television announcers	27-3011	6.8	—	—	—	—	—	—	—
News analysts, reporters and correspondents	27-3020	43.0	9.4	10.2	4.0	3.5	—	—	—
Reporters and correspondents	27-3022	45.8	8.0	11.4	4.5	3.9	—	—	—
Public relations specialists	27-3030	2.5	1.5	—	—	—	—	—	—
Public relations specialists	27-3031	2.5	1.5	—	—	—	—	—	—
Writers and editors	27-3040	6.4	1.5	—	—	—	—	—	—
Editors	27-3041	8.6	—	—	—	—	—	—	—
Writers and authors	27-3043	5.0	—	—	—	—	—	—	—
Miscellaneous media and communication workers	27-3090	37.9	26.0	—	—	—	—	—	—
Interpreters and translators	27-3091	60.3	49.7	—	—	—	—	—	—
Media and communication equipment workers	27-4000	52.8	14.1	17.0	4.7	4.7	—	4.0	—
Broadcast and sound engineering technicians and radio operators	27-4010	37.5	16.4	—	9.0	9.0	—	2.9	—
Audio and video equipment technicians	27-4011	61.1	27.4	—	19.7	19.7	—	—	—
Broadcast technicians	27-4012	22.6	11.0	—	—	—	—	—	—
Photographers	27-4020	50.9	17.1	10.0	—	—	—	5.9	—
Photographers	27-4021	50.9	17.1	10.0	—	—	—	5.9	—
Television, video, and motion picture camera operators and editors	27-4030	32.2	9.3	—	—	—	—	—	—
Camera operators, television, video, and motion picture	27-4031	51.3	18.3	—	—	—	—	—	—
Film and video editors	27-4032	13.5	—	—	—	—	—	—	—
Healthcare practitioners and technical occupations	29-0000	90.9	46.4	5.9	3.3	2.1	1.2	8.5	0.2
Health diagnosing and treating practitioners	29-1000	75.9	40.5	5.8	2.8	2.4	.3	7.6	.2
Dentists	29-1020	2.5	—	—	2.1	—	2.1	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Merchandise displayers and window trimmers	-	-	-	-	-	-	-	7.3	-	6.4
Set and exhibit designers	-	-	-	-	-	-	-	-	-	-
Entertainers and performers, sports and related workers	-	-	-	-	10.7	-	7.3	14.7	2.4	27.3
Actors, producers, and directors	-	-	-	-	-	-	-	8.3	1.8	4.6
Actors	-	-	-	-	-	-	-	34.3	7.5	14.8
Producers and directors	-	-	-	-	-	-	-	-	-	-
Athletes, coaches, umpires, and related workers	-	-	-	-	17.6	-	14.3	25.4	4.3	64.5
Athletes and sports competitors	-	-	-	-	130.6	-	130.6	139.4	27.6	102.3
Coaches and scouts	-	-	-	-	5.5	-	-	3.4	-	56.3
Umpires, referees, and other sports officials	-	-	-	-	-	-	-	157.8	-	121.8
Dancers and choreographers	-	-	-	-	-	-	-	31.3	-	13.0
Dancers	-	-	-	-	-	-	-	68.8	-	26.6
Musicians, singers, and related workers	-	-	-	-	-	-	-	-	-	-
Musicians and singers	-	-	-	-	-	-	-	-	-	-
Media and communication workers	-	-	-	-	1.1	0.4	-	-	-	2.1
Announcers	-	-	-	-	-	-	-	-	-	-
Radio and television announcers	-	-	-	-	-	-	-	-	-	-
News analysts, reporters and correspondents	-	-	-	-	-	-	-	-	-	14.5
Reporters and correspondents	-	-	-	-	-	-	-	-	-	16.3
Public relations specialists	-	-	-	-	-	-	-	-	-	-
Public relations specialists	-	-	-	-	-	-	-	-	-	-
Writers and editors	-	-	-	-	2.2	-	-	-	-	1.0
Editors	-	-	-	-	3.8	-	-	-	-	-
Writers and authors	-	-	-	-	-	-	-	-	-	-
Miscellaneous media and communication workers	-	-	-	-	-	-	-	-	-	-
Interpreters and translators	-	-	-	-	-	-	-	-	-	-
Media and communication equipment workers	-	-	-	-	1.6	-	1.1	6.0	1.1	5.3
Broadcast and sound engineering technicians and radio operators	-	-	-	-	-	-	-	5.0	-	3.1
Audio and video equipment technicians	-	-	-	-	-	-	-	4.7	-	5.1
Broadcast technicians	-	-	-	-	-	-	-	-	-	-
Photographers	-	-	-	-	4.5	-	3.5	3.2	-	9.3
Photographers	-	-	-	-	4.5	-	3.5	3.2	-	9.3
Television, video, and motion picture camera operators and editors	-	-	-	-	-	-	-	15.5	-	-
Camera operators, television, video, and motion picture	-	-	-	-	-	-	-	18.2	-	-
Film and video editors	-	-	-	-	-	-	-	12.9	-	-
Healthcare practitioners and technical occupations	0.1	-	0.3	0.4	2.9	.5	1.6	9.8	3.3	13.2
Health diagnosing and treating practitioners	-	-	.1	.3	2.8	.5	1.5	6.4	2.0	9.6
Dentists	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Dentists, general	29-1021	2.9	—	—	2.4	—	2.4	—	—
Dietitians and nutritionists	29-1030	44.7	14.9	—	—	—	—	13.6	—
Dietitians and nutritionists	29-1031	44.7	14.9	—	—	—	—	13.6	—
Pharmacists	29-1050	14.3	7.3	2.8	—	—	—	—	—
Pharmacists	29-1051	14.3	7.3	2.8	—	—	—	—	—
Physicians and surgeons	29-1060	5.1	2.0	1.2	—	—	—	.7	—
Anesthesiologists	29-1061	18.1	5.7	—	—	—	—	—	—
Surgeons	29-1067	3.4	—	—	—	—	—	—	—
Physician assistants	29-1070	11.0	6.2	—	—	—	—	—	—
Physician assistants	29-1071	11.0	6.2	—	—	—	—	—	—
Registered nurses	29-1110	113.8	63.5	7.1	2.8	2.3	.5	11.8	0.3
Registered nurses	29-1111	113.8	63.5	7.1	2.8	2.3	.5	11.8	.3
Therapists	29-1120	86.6	40.2	13.2	.7	.6	—	6.8	—
Occupational therapists	29-1122	67.9	26.2	5.3	—	—	—	—	—
Physical therapists	29-1123	93.2	45.3	29.6	—	—	—	5.1	—
Radiation therapists	29-1124	56.1	25.6	—	—	—	—	18.0	—
Recreational therapists	29-1125	98.2	58.4	—	—	—	—	12.7	—
Respiratory therapists	29-1126	90.7	43.6	4.5	—	—	—	7.7	—
Speech-language pathologists	29-1127	28.2	17.6	—	—	—	—	4.4	—
Veterinarians	29-1130	7.7	—	—	—	—	—	—	—
Veterinarians	29-1131	7.7	—	—	—	—	—	—	—
Health technologists and technicians	29-2000	118.7	57.8	6.2	4.2	1.6	2.6	10.3	.3
Clinical laboratory technologists and technicians	29-2010	65.6	28.5	3.7	2.8	2.6	—	10.4	—
Medical and clinical laboratory technologists	29-2011	32.2	10.9	4.0	1.6	1.5	—	3.8	—
Medical and clinical laboratory technicians	29-2012	102.0	47.7	3.4	4.1	3.8	—	17.6	—
Dental hygienists	29-2020	6.2	—	—	4.1	—	4.1	—	—
Dental hygienists	29-2021	6.2	—	—	4.1	—	4.1	—	—
Diagnostic related technologists and technicians	29-2030	80.7	41.6	5.2	.8	.7	—	6.1	—
Cardiovascular technologists and technicians	29-2031	58.4	23.6	—	—	—	—	5.7	—
Diagnostic medical sonographers	29-2032	58.2	34.5	—	—	—	—	—	—
Nuclear medicine technologists	29-2033	38.9	14.9	—	—	—	—	—	—
Radiologic technologists and technicians	29-2034	95.7	50.3	6.1	1.0	—	—	7.3	—
Emergency medical technicians and paramedics	29-2040	387.0	252.4	8.6	1.5	—	—	11.8	—
Emergency medical technicians and paramedics	29-2041	387.0	252.4	8.6	1.5	—	—	11.8	—
Health diagnosing and treating practitioner support technicians	29-2050	118.1	46.4	6.5	11.8	2.6	9.3	12.2	.7
Dietetic technicians	29-2051	126.4	22.8	—	—	—	—	23.0	—
Pharmacy technicians	29-2052	48.4	21.2	3.8	—	—	—	5.4	—
Psychiatric technicians	29-2053	467.5	282.8	27.6	—	—	—	41.3	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Dentists, general	—	—	—	—	—	—	—	—	—	—
Dietitians and nutritionists	—	—	—	—	—	—	—	—	—	5.1
Dietitians and nutritionists	—	—	—	—	—	—	—	—	—	5.1
Pharmacists	—	—	—	—	—	—	—	2.2	—	.9
Pharmacists	—	—	—	—	—	—	—	2.2	—	.9
Physicians and surgeons	—	—	—	—	—	—	—	—	—	.9
Anesthesiologists	—	—	—	—	—	—	—	—	—	—
Surgeons	—	—	—	—	—	—	—	—	—	—
Physician assistants	—	—	—	—	—	—	—	—	—	—
Physician assistants	—	—	—	—	—	—	—	—	—	—
Registered nurses	—	—	0.1	0.5	4.6	0.8	2.5	9.8	3.4	13.4
Registered nurses	—	—	.1	.5	4.6	.8	2.5	9.8	3.4	13.4
Therapists	—	—	—	—	1.8	—	.7	7.5	1.7	15.9
Occupational therapists	—	—	—	—	—	—	—	21.0	—	11.2
Physical therapists	—	—	—	—	—	—	—	2.8	1.8	8.8
Radiation therapists	—	—	—	—	—	—	—	—	—	—
Recreational therapists	—	—	—	—	—	—	—	15.5	—	—
Respiratory therapists	—	—	—	—	3.2	—	—	5.5	—	23.8
Speech-language pathologists	—	—	—	—	—	—	—	—	—	—
Veterinarians	—	—	—	—	—	—	—	—	—	6.0
Veterinarians	—	—	—	—	—	—	—	—	—	6.0
Health technologists and technicians	0.3	—	.6	.5	3.2	.5	1.8	15.6	5.4	19.6
Clinical laboratory technologists and technicians .....	.8	—	1.2	—	2.0	—	.9	4.1	.7	11.1
Medical and clinical laboratory technologists	—	—	—	—	1.6	—	—	4.4	—	4.4
Medical and clinical laboratory technicians	—	—	1.8	—	2.4	—	—	3.8	—	18.4
Dental hygienists	—	—	—	—	—	—	—	—	—	—
Dental hygienists	—	—	—	—	—	—	—	—	—	—
Diagnostic related technologists and technicians	—	—	.8	1.4	2.2	—	1.4	13.2	7.7	9.0
Cardiovascular technologists and technicians	—	—	—	—	—	—	—	5.3	—	11.0
Diagnostic medical sonographers	—	—	—	—	—	—	—	9.4	—	—
Nuclear medicine technologists	—	—	—	—	—	—	—	—	—	—
Radiologic technologists and technicians	—	—	—	—	2.0	—	1.3	17.2	11.2	9.8
Emergency medical technicians and paramedics	—	—	—	—	4.3	1.3	2.0	58.7	23.1	49.3
Emergency medical technicians and paramedics	—	—	—	—	4.3	1.3	2.0	58.7	23.1	49.3
Health diagnosing and treating practitioner support technicians .....	.6	—	.6	—	3.4	—	2.3	10.9	2.7	24.6
Dietetic technicians	—	—	—	—	—	—	—	25.4	10.3	35.6
Pharmacy technicians	—	—	.7	—	1.0	—	.8	8.0	.7	7.4
Psychiatric technicians	—	—	—	—	22.5	—	9.4	41.9	15.0	46.0

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Respiratory therapy technicians	29-2054	34.8	16.0	—	—	—	—	—	—
Surgical technologists	29-2055	202.8	93.5	8.4	16.0	10.0	5.9	31.4	4.0
Veterinary technologists and technicians	29-2056	209.1	33.4	9.8	59.2	3.6	55.5	9.8	—
Licensed practical and licensed vocational nurses	29-2060	134.8	63.1	9.3	2.1	1.2	.9	13.2	—
Licensed practical and licensed vocational nurses	29-2061	134.8	63.1	9.3	2.1	1.2	.9	13.2	—
Medical records and health information technicians	29-2070	57.4	14.0	3.2	—	—	—	3.7	—
Medical records and health information technicians	29-2071	57.4	14.0	3.2	—	—	—	3.7	—
Opticians, dispensing	29-2080	10.2	—	—	—	—	—	—	—
Opticians, dispensing	29-2081	10.2	—	—	—	—	—	—	—
Miscellaneous health technologists and technicians	29-2090	221.1	117.9	6.3	6.9	6.4	—	27.0	—
Other healthcare practitioners and technical occupations	29-9000	18.7	8.2	2.2	—	—	—	—	—
Occupational health and safety specialists and technicians	29-9010	14.1	—	—	—	—	—	—	—
Occupational health and safety specialists	29-9011	11.1	—	—	—	—	—	—	—
Occupational health and safety technicians	29-9012	26.0	—	—	—	—	—	—	—
Miscellaneous health practitioners and technical workers	29-9090	21.9	11.2	—	—	—	—	—	—
Healthcare support occupations	31-0000	243.5	132.1	9.6	4.8	3.5	1.4	20.8	1.5
Nursing, psychiatric, and home health aides	31-1000	320.7	185.0	9.5	4.3	3.4	.9	28.1	.6
Nursing, psychiatric, and home health aides ...	31-1010	320.7	185.0	9.5	4.3	3.4	.9	28.1	.6
Home health aides	31-1011	120.8	55.8	5.8	3.2	2.6	.7	7.1	.6
Nursing aides, orderlies, and attendants	31-1012	449.0	270.3	11.6	4.8	3.8	1.0	40.6	.7
Psychiatric aides	31-1013	650.7	288.6	28.1	12.9	12.4	—	103.4	—
Occupational and physical therapist assistants and aides	31-2000	58.3	26.2	—	—	—	—	1.7	—
Occupational therapist assistants and aides ...	31-2010	83.0	38.4	—	—	—	—	—	—
Occupational therapist assistants	31-2011	33.5	13.3	—	—	—	—	—	—
Occupational therapist aides	31-2012	254.0	125.0	—	—	—	—	—	—
Physical therapist assistants and aides	31-2020	52.2	23.1	—	—	—	—	—	—
Physical therapist assistants	31-2021	54.2	23.7	—	—	—	—	—	—
Physical therapist aides	31-2022	49.3	22.3	—	—	—	—	—	—
Other healthcare support occupations	31-9000	120.9	45.9	10.8	6.2	3.8	2.5	9.6	3.1
Massage therapists	31-9010	73.7	23.8	—	—	—	—	—	—
Massage therapists	31-9011	73.7	23.8	—	—	—	—	—	—
Miscellaneous healthcare support occupations	31-9090	122.6	46.7	11.1	6.5	3.9	2.6	9.9	3.2
Dental assistants	31-9091	46.8	2.2	4.3	8.4	4.2	—	—	—
Medical assistants	31-9092	25.4	9.8	1.0	1.8	1.5	—	2.1	—
Medical equipment preparers	31-9093	146.1	57.9	40.1	—	—	—	14.0	—
Medical transcriptionists	31-9094	15.0	3.9	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Respiratory therapy technicians	—	—	—	—	—	—	—	—	—	—
Surgical technologists	—	—	—	—	11.3	—	9.1	16.7	7.8	19.4
Veterinary technologists and technicians	—	—	—	—	—	—	—	3.8	—	92.8
Licensed practical and licensed vocational nurses	—	—	0.4	—	4.7	1.1	2.3	21.7	6.2	20.1
Licensed practical and licensed vocational nurses	—	—	.4	—	4.7	1.1	2.3	21.7	6.2	20.1
Medical records and health information technicians	—	—	—	—	2.1	—	1.5	4.0	1.4	29.2
Medical records and health information technicians	—	—	—	—	2.1	—	1.5	4.0	1.4	29.2
Opticians, dispensing	—	—	—	—	—	—	—	—	—	—
Opticians, dispensing	—	—	—	—	—	—	—	—	—	—
Miscellaneous health technologists and technicians	—	—	—	—	5.7	—	5.3	24.4	11.7	28.7
Other healthcare practitioners and technical occupations	—	—	—	—	—	—	—	2.8	—	—
Occupational health and safety specialists and technicians	—	—	—	—	—	—	—	—	—	—
Occupational health and safety specialists	—	—	—	—	—	—	—	—	—	—
Occupational health and safety technicians	—	—	—	—	—	—	—	—	—	—
Miscellaneous health practitioners and technical workers	—	—	—	—	—	—	—	—	—	—
Healthcare support occupations	0.3	0.2	.7	0.7	7.5	.8	5.1	34.8	13.5	30.3
Nursing, psychiatric, and home health aides .....	.1	—	.2	.8	9.2	1.0	6.0	45.3	18.6	37.5
Nursing, psychiatric, and home health aides ...	.1	—	.2	.8	9.2	1.0	6.0	45.3	18.6	37.5
Home health aides	—	—	—	—	6.5	1.4	3.7	22.0	9.5	19.6
Nursing aides, orderlies, and attendants	—	—	.4	1.3	10.4	.6	7.3	60.2	24.8	48.7
Psychiatric aides	—	—	—	—	44.1	—	24.2	89.8	11.8	82.8
Occupational and physical therapist assistants and aides	—	—	—	—	2.5	—	—	4.1	1.6	21.7
Occupational therapist assistants and aides ...	—	—	—	—	10.7	—	—	—	—	22.2
Occupational therapist assistants	—	—	—	—	—	—	—	—	—	17.0
Occupational therapist aides	—	—	—	—	47.5	—	—	—	—	40.2
Physical therapist assistants and aides	—	—	—	—	—	—	—	4.0	—	21.6
Physical therapist assistants	—	—	—	—	—	—	—	—	—	25.8
Physical therapist aides	—	—	—	—	—	—	—	4.9	—	15.8
Other healthcare support occupations .....	.8	.7	1.5	.6	4.9	.3	3.6	18.7	5.3	18.1
Massage therapists	—	—	19.8	—	—	—	—	10.4	—	15.1
Massage therapists	—	—	19.8	—	—	—	—	10.4	—	15.1
Miscellaneous healthcare support occupations .....	.8	.7	.9	.5	5.1	.3	3.8	19.0	5.4	18.2
Dental assistants	—	—	—	—	—	—	—	26.6	—	4.6
Medical assistants .....	.8	—	.6	.4	2.5	—	1.4	2.7	—	3.7
Medical equipment preparers	—	—	—	—	—	—	—	9.4	—	17.1
Medical transcriptionists	—	—	3.2	—	2.5	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Pharmacy aides	31-9095	63.8	23.1	—	—	—	—	—	—
Veterinary assistants and laboratory animal caretakers	31-9096	196.0	36.1	41.5	10.3	—	—	—	—
Protective service occupations	33-0000	117.9	42.6	9.3	4.5	3.5	1.0	10.3	0.3
First-line supervisors/managers, protective service workers	33-1000	116.1	41.4	10.2	—	—	—	8.4	—
First-line supervisors/managers, law enforcement workers	33-1010	201.1	—	—	—	—	—	—	—
First-line supervisors/managers of correctional officers	33-1011	276.4	—	—	—	—	—	—	—
Fire fighting and prevention workers	33-2000	120.1	96.6	—	—	—	—	—	—
Fire fighters	33-2010	129.3	104.0	—	—	—	—	—	—
Fire fighters	33-2011	129.3	104.0	—	—	—	—	—	—
Law enforcement workers	33-3000	222.9	74.1	19.1	8.8	—	—	8.8	—
Bailiffs, correctional officers, and jailers	33-3010	216.5	65.3	20.1	11.3	—	—	—	—
Correctional officers and jailers	33-3012	217.5	65.6	20.2	11.4	—	—	—	—
Police officers	33-3050	262.9	113.6	—	—	—	—	—	—
Police and sheriff's patrol officers	33-3051	225.5	89.3	—	—	—	—	—	—
Transit and railroad police	33-3052	379.0	189.5	—	—	—	—	—	—
Other protective service workers	33-9000	115.3	41.1	9.1	4.6	3.7	.9	10.6	.3
Animal control workers	33-9010	392.1	174.3	149.9	—	—	—	—	—
Animal control workers	33-9011	392.1	174.3	149.9	—	—	—	—	—
Private detectives and investigators	33-9020	21.8	8.1	—	—	—	—	—	—
Private detectives and investigators	33-9021	21.8	8.1	—	—	—	—	—	—
Security guards and gaming surveillance officers	33-9030	111.6	41.2	8.7	4.6	3.7	.9	10.6	—
Gaming surveillance officers and gaming investigators	33-9031	447.7	196.8	—	—	—	—	—	—
Security guards	33-9032	110.1	40.4	8.6	4.6	3.7	.9	10.5	—
Miscellaneous protective service workers	33-9090	187.3	50.0	13.2	6.1	4.9	—	14.1	—
Crossing guards	33-9091	142.0	57.2	17.2	—	—	—	—	—
Lifeguards, ski patrol, and other recreational protective service workers	33-9092	223.4	61.2	15.9	6.7	4.5	—	21.1	—
Food preparation and serving related occupations	35-0000	92.8	26.9	5.4	18.0	17.5	.4	8.3	7.7
Supervisors, food preparation and serving workers	35-1000	94.8	21.7	5.9	17.8	17.8	—	5.8	5.2
First-line supervisors/managers, food preparation and serving workers	35-1010	94.8	21.7	5.9	17.8	17.8	—	5.8	5.2
Chefs and head cooks	35-1011	125.7	21.9	3.2	40.6	40.6	—	5.5	15.5
First-line supervisors/managers of food preparation and serving workers	35-1012	90.5	21.7	6.3	14.7	14.6	—	5.9	3.7
Cooks and food preparation workers	35-2000	130.4	33.8	4.4	27.8	26.6	1.2	9.6	19.0
Cooks	35-2010	121.4	32.4	3.4	24.0	23.4	.6	6.6	21.1
Cooks, fast food	35-2011	20.8	7.5	—	.8	.8	—	.8	1.6
Cooks, institution and cafeteria	35-2012	330.7	106.9	16.9	42.2	42.1	—	24.4	40.3

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Pharmacy aides	—	—	—	—	24.2	—	24.0	—	—	5.9
Veterinary assistants and laboratory animal caretakers	—	—	—	—	—	—	—	3.1	—	92.1
Protective service occupations	—	0.3	—	—	6.7	0.9	2.8	11.9	3.1	31.8
First-line supervisors/managers, protective service workers	—	—	—	—	5.6	—	—	13.1	—	35.5
First-line supervisors/managers, law enforcement workers	—	—	—	—	—	—	—	—	—	—
First-line supervisors/managers of correctional officers	—	—	—	—	—	—	—	—	—	—
Fire fighting and prevention workers	—	—	—	—	—	—	—	—	—	—
Fire fighters	—	—	—	—	—	—	—	—	—	—
Fire fighters	—	—	—	—	—	—	—	—	—	—
Law enforcement workers	—	—	—	—	—	—	—	30.3	11.5	77.2
Bailiffs, correctional officers, and jailers	—	—	—	—	—	—	—	21.2	—	88.4
Correctional officers and jailers	—	—	—	—	—	—	—	21.3	—	88.9
Police officers	—	—	—	—	—	—	—	67.6	—	38.1
Police and sheriff's patrol officers	—	—	—	—	—	—	—	88.9	—	—
Transit and railroad police	—	—	—	—	—	—	—	—	—	—
Other protective service workers	—	.3	—	—	6.9	.8	2.9	11.4	2.9	30.7
Animal control workers	—	—	—	—	—	—	—	—	—	—
Animal control workers	—	—	—	—	—	—	—	—	—	—
Private detectives and investigators	—	—	—	—	—	—	—	9.6	—	—
Private detectives and investigators	—	—	—	—	—	—	—	9.6	—	—
Security guards and gaming surveillance officers	—	.3	—	—	7.1	.9	2.8	11.9	3.2	26.9
Gaming surveillance officers and gaming investigators	—	—	—	—	—	—	—	79.0	—	74.3
Security guards	—	.3	—	—	7.0	.9	2.8	11.6	3.1	26.6
Miscellaneous protective service workers	—	—	—	—	7.4	—	4.3	6.9	—	86.9
Crossing guards	—	—	—	—	15.7	—	—	—	—	24.7
Lifeguards, ski patrol, and other recreational protective service workers	—	—	—	—	8.9	—	7.4	6.2	—	103.0
Food preparation and serving related occupations	0.8	.7	0.8	0.6	3.1	.4	1.7	9.1	2.1	11.5
Supervisors, food preparation and serving workers .....	.7	—	1.0	—	2.7	—	2.0	16.2	3.4	17.7
First-line supervisors/managers, food preparation and serving workers .....	.7	—	1.0	—	2.7	—	2.0	16.2	3.4	17.7
Chefs and head cooks	—	—	—	—	3.6	—	—	21.0	11.1	12.9
First-line supervisors/managers of food preparation and serving workers .....	.7	—	1.1	—	2.6	—	2.1	15.6	2.3	18.3
Cooks and food preparation workers	1.1	1.8	2.2	1.9	3.2	1.0	1.0	10.6	2.6	14.9
Cooks .....	.9	1.7	2.8	2.4	3.2	—	.9	9.2	2.8	13.9
Cooks, fast food	—	—	—	—	—	—	—	3.0	—	6.6
Cooks, institution and cafeteria	2.2	—	21.4	4.9	19.8	—	3.6	28.0	7.3	23.2

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Cooks, restaurant	35-2014	136.8	32.9	1.8	36.5	35.4	1.1	6.3	26.1
Cooks, short order	35-2015	31.9	5.4	—	2.0	1.7	—	—	6.1
Food preparation workers	35-2020	154.6	37.6	7.3	38.2	35.3	2.9	17.8	13.4
Food preparation workers	35-2021	154.6	37.6	7.3	38.2	35.3	2.9	17.8	13.4
Food and beverage serving workers	35-3000	70.6	23.0	5.4	12.5	12.3	.2	8.0	3.3
Bartenders	35-3010	45.9	19.1	.9	17.0	16.9	—	2.4	1.2
Bartenders	35-3011	45.9	19.1	.9	17.0	16.9	—	2.4	1.2
Fast food and counter workers	35-3020	73.0	19.7	5.7	12.2	12.1	.2	9.8	3.1
Combined food preparation and serving workers, including fast food	35-3021	73.9	20.5	6.3	13.7	13.5	.2	11.1	2.8
Counter attendants, cafeteria, food concession, and coffee shop	35-3022	67.1	14.3	1.5	2.6	2.6	—	1.5	5.2
Waiters and waitresses	35-3030	54.7	21.4	4.8	9.3	9.1	.2	4.9	3.1
Waiters and waitresses	35-3031	54.7	21.4	4.8	9.3	9.1	.2	4.9	3.1
Food servers, nonrestaurant	35-3040	298.4	108.0	19.1	45.1	44.5	—	33.3	14.5
Food servers, nonrestaurant	35-3041	298.4	108.0	19.1	45.1	44.5	—	33.3	14.5
Other food preparation and serving related workers	35-9000	106.7	33.7	7.4	20.5	20.2	.3	8.6	4.0
Dining room and cafeteria attendants and bartender helpers	35-9010	75.6	21.1	6.4	11.2	11.1	—	4.5	2.8
Dining room and cafeteria attendants and bartender helpers	35-9011	75.6	21.1	6.4	11.2	11.1	—	4.5	2.8
Dishwashers	35-9020	102.0	36.3	8.0	15.4	14.8	.5	5.6	3.3
Dishwashers	35-9021	102.0	36.3	8.0	15.4	14.8	.5	5.6	3.3
Hosts and hostesses, restaurant, lounge, and coffee shop	35-9030	86.6	14.8	6.2	37.5	37.5	—	11.7	1.5
Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031	86.6	14.8	6.2	37.5	37.5	—	11.7	1.5
Building and grounds cleaning and maintenance occupations	37-0000	244.7	104.7	15.9	21.9	19.5	2.4	20.4	1.0
Supervisors, building and grounds cleaning and maintenance workers	37-1000	211.6	86.5	11.2	24.1	23.6	—	10.8	—
First-line supervisors/managers, building and grounds cleaning and maintenance workers	37-1010	211.6	86.5	11.2	24.1	23.6	—	10.8	—
First-line supervisors/managers of housekeeping and janitorial workers	37-1011	170.5	82.0	15.6	8.2	8.2	—	11.8	—
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	37-1012	271.1	93.0	4.9	47.1	45.9	—	9.4	—
Building cleaning and pest control workers	37-2000	257.5	110.1	16.0	17.6	15.5	2.1	23.0	1.2
Building cleaning workers	37-2010	259.7	111.0	16.5	18.1	16.0	2.2	22.9	1.2
Janitors and cleaners, except maids and housekeeping cleaners	37-2011	243.0	104.4	14.1	20.6	18.1	2.6	19.1	1.6
Maids and housekeeping cleaners	37-2012	277.7	120.2	17.6	12.4	10.9	1.4	28.7	.5
Pest control workers	37-2020	188.3	80.9	—	—	—	—	26.4	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Cooks, restaurant	1.4	3.0	—	3.6	1.0	—	0.9	7.3	2.6	16.7
Cooks, short order	—	—	1.9	—	—	—	—	8.0	—	6.5
Food preparation workers	1.5	2.0	.8	.6	3.4	—	1.2	14.4	2.1	17.6
Food preparation workers	1.5	2.0	.8	.6	3.4	—	1.2	14.4	2.1	17.6
Food and beverage serving workers .....	.4	.4	.2	.2	2.4	0.2	1.6	7.0	1.8	7.8
Bartenders	—	—	—	—	—	—	—	3.7	.7	1.2
Bartenders	—	—	—	—	—	—	—	3.7	.7	1.2
Fast food and counter workers .....	.3	.7	.4	.2	2.7	—	2.1	9.2	2.8	8.8
Combined food preparation and serving workers, including fast food .....	.3	.8	.5	.2	2.3	—	1.7	7.6	1.3	7.9
Counter attendants, cafeteria, food concession, and coffee shop	—	—	—	—	5.5	—	5.1	20.2	12.7	15.2
Waiters and waitresses .....	.4	—	—	—	1.5	.3	.7	3.3	.5	5.8
Waiters and waitresses .....	.4	—	—	—	1.5	.3	.7	3.3	.5	5.8
Food servers, nonrestaurant	2.6	—	—	2.0	12.7	—	7.8	26.2	6.3	33.9
Food servers, nonrestaurant	2.6	—	—	2.0	12.7	—	7.8	26.2	6.3	33.9
Other food preparation and serving related workers	1.7	—	—	.2	6.5	.3	3.9	8.3	1.3	15.4
Dining room and cafeteria attendants and bartender helpers	—	—	—	—	4.2	—	2.9	10.9	1.6	13.7
Dining room and cafeteria attendants and bartender helpers	—	—	—	—	4.2	—	2.9	10.9	1.6	13.7
Dishwashers	1.7	—	—	.5	6.5	—	4.0	7.9	1.0	16.6
Dishwashers	1.7	—	—	.5	6.5	—	4.0	7.9	1.0	16.6
Hosts and hostesses, restaurant, lounge, and coffee shop	—	—	—	—	3.2	—	—	4.8	—	6.3
Hosts and hostesses, restaurant, lounge, and coffee shop	—	—	—	—	3.2	—	—	4.8	—	6.3
Building and grounds cleaning and maintenance occupations	1.9	.8	.8	.6	10.7	1.0	5.5	28.2	8.8	37.9
Supervisors, building and grounds cleaning and maintenance workers .....	.9	2.4	—	—	8.8	—	3.6	14.1	2.8	51.7
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	.9	2.4	—	—	8.8	—	3.6	14.1	2.8	51.7
First-line supervisors/managers of housekeeping and janitorial workers	1.5	—	—	—	8.1	—	3.8	14.2	3.9	27.5
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	—	5.3	—	—	9.8	—	3.2	14.1	—	86.7
Building cleaning and pest control workers	2.6	.8	.9	.8	11.6	1.0	7.0	34.8	11.0	38.3
Building cleaning workers	2.7	.8	1.0	.8	11.5	1.0	7.2	35.0	11.0	38.3
Janitors and cleaners, except maids and housekeeping cleaners	2.4	1.0	1.0	.4	12.1	1.1	7.5	27.4	10.8	38.8
Maids and housekeeping cleaners	2.7	.5	.8	1.5	10.1	.9	6.7	47.9	11.4	34.9
Pest control workers	—	—	—	—	—	—	—	28.5	9.4	38.3

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Pest control workers	37-2021	188.3	80.9	—	—	—	—	26.4	—
Grounds maintenance workers	37-3000	219.9	95.4	17.3	33.1	29.3	3.7	16.3	0.6
Grounds maintenance workers	37-3010	219.9	95.4	17.3	33.1	29.3	3.7	16.3	.6
Landscaping and groundskeeping workers	37-3011	208.5	93.8	15.4	30.7	28.4	2.3	14.5	.6
Pesticide handlers, sprayers, and applicators, vegetation	37-3012	44.4	8.9	—	—	—	—	—	—
Tree trimmers and pruners	37-3013	315.6	115.4	24.1	53.8	46.6	7.1	44.8	—
Personal care and service occupations	39-0000	109.8	45.2	7.7	4.9	3.9	.9	9.7	1.0
Supervisors, personal care and service workers	39-1000	77.2	25.6	3.1	2.2	2.2	—	3.6	—
First-line supervisors/managers of gaming workers	39-1010	58.0	17.9	8.0	—	—	—	—	—
Gaming supervisors	39-1011	39.8	—	—	—	—	—	—	—
Slot key persons	39-1012	113.3	52.3	—	—	—	—	—	—
First-line supervisors/managers of personal service workers	39-1020	81.4	27.3	2.1	1.7	1.7	—	3.3	—
First-line supervisors/managers of personal service workers	39-1021	81.4	27.3	2.1	1.7	1.7	—	3.3	—
Animal care and service workers	39-2000	246.8	40.7	7.5	5.3	4.6	—	10.1	—
Animal trainers	39-2010	89.0	27.5	—	—	—	—	21.3	—
Animal trainers	39-2011	89.0	27.5	—	—	—	—	21.3	—
Nonfarm animal caretakers	39-2020	272.5	42.9	7.4	6.0	5.2	—	8.3	—
Nonfarm animal caretakers	39-2021	272.5	42.9	7.4	6.0	5.2	—	8.3	—
Entertainment attendants and related workers	39-3000	80.6	31.7	8.9	1.8	1.7	—	7.4	—
Gaming services workers	39-3010	69.2	27.2	3.8	—	—	—	3.6	—
Gaming dealers	39-3011	72.7	25.0	3.8	—	—	—	3.3	—
Gaming and sports book writers and runners	39-3012	19.7	—	—	—	—	—	—	—
Ushers, lobby attendants, and ticket takers	39-3030	48.5	15.9	—	—	—	—	6.0	—
Ushers, lobby attendants, and ticket takers	39-3031	48.5	15.9	—	—	—	—	6.0	—
Miscellaneous entertainment attendants and related workers	39-3090	97.5	39.2	13.1	2.5	2.3	—	9.6	—
Amusement and recreation attendants	39-3091	108.8	41.7	15.9	3.2	2.9	—	10.1	—
Costume attendants	39-3092	69.6	—	—	—	—	—	—	—
Locker room, coatroom, and dressing room attendants	39-3093	196.6	111.4	—	—	—	—	22.1	—
Funeral service workers	39-4000	14.2	—	—	—	—	—	—	—
Funeral attendants	39-4020	17.7	—	—	—	—	—	—	—
Personal appearance workers	39-5000	32.9	8.3	.5	8.5	8.5	—	2.8	2.5
Barbers and cosmetologists	39-5010	38.9	7.9	.6	10.7	10.7	—	3.6	3.1
Barbers	39-5011	135.8	—	—	—	—	—	—	—
Hairdressers, hairstylists, and cosmetologists	39-5012	35.8	4.6	.7	11.1	11.1	—	3.0	3.2
Miscellaneous personal appearance workers	39-5090	11.8	9.6	—	—	—	—	—	—
Skin care specialists	39-5094	37.8	34.1	—	—	—	—	—	—
Transportation, tourism, and lodging attendants	39-6000	337.3	171.5	12.5	16.9	12.6	4.4	45.9	5.8

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									All other natures ⁶
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Pest control workers	—	—	—	—	—	—	—	28.5	9.4	38.3
Grounds maintenance workers	0.2	0.3	0.4	0.2	8.8	1.4	2.2	14.6	4.9	32.6
Grounds maintenance workers .....	.2	.3	.4	.2	8.8	1.4	2.2	14.6	4.9	32.6
Landscaping and groundskeeping workers	—	.4	.4	—	7.6	1.3	2.3	13.3	4.6	31.5
Pesticide handlers, sprayers, and applicators, vegetation	—	—	—	—	—	—	—	—	—	—
Tree trimmers and pruners	—	—	—	—	—	—	—	19.9	—	51.0
Personal care and service occupations .....	.2	—	.6	.1	3.7	.6	1.9	11.7	4.6	25.1
Supervisors, personal care and service workers	—	—	—	—	3.0	—	1.5	3.5	1.5	35.6
First-line supervisors/managers of gaming workers	—	—	—	—	—	—	—	—	—	9.2
Gaming supervisors	—	—	—	—	—	—	—	—	—	—
Slot key persons	—	—	—	—	—	—	—	—	—	—
First-line supervisors/managers of personal service workers	—	—	—	—	2.3	—	—	3.5	1.6	41.4
First-line supervisors/managers of personal service workers	—	—	—	—	2.3	—	—	3.5	1.6	41.4
Animal care and service workers	—	—	—	—	15.1	7.4	—	14.3	10.9	153.2
Animal trainers	—	—	—	—	—	—	—	—	—	24.6
Animal trainers	—	—	—	—	—	—	—	—	—	24.6
Nonfarm animal caretakers	—	—	—	—	17.3	8.6	—	15.8	12.4	174.2
Nonfarm animal caretakers	—	—	—	—	17.3	8.6	—	15.8	12.4	174.2
Entertainment attendants and related workers	—	—	1.0	—	2.8	—	1.0	8.6	1.8	17.9
Gaming services workers	—	—	4.1	—	2.9	—	—	9.1	—	17.4
Gaming dealers	—	—	5.4	—	3.7	—	—	9.2	—	21.1
Gaming and sports book writers and runners	—	—	—	—	—	—	—	—	—	—
Ushers, lobby attendants, and ticket takers	—	—	—	—	4.7	—	—	12.2	7.2	4.6
Ushers, lobby attendants, and ticket takers	—	—	—	—	4.7	—	—	12.2	7.2	4.6
Miscellaneous entertainment attendants and related workers	—	—	—	—	2.3	—	—	7.8	—	22.5
Amusement and recreation attendants	—	—	—	—	2.8	—	—	8.0	—	27.0
Costume attendants	—	—	—	—	—	—	—	—	—	—
Locker room, coatroom, and dressing room attendants	—	—	—	—	—	—	—	24.5	—	21.7
Funeral service workers	—	—	—	—	—	—	—	—	—	—
Funeral attendants	—	—	—	—	—	—	—	—	—	—
Personal appearance workers	—	—	1.8	—	.5	—	—	.9	—	7.1
Barbers and cosmetologists	—	—	2.2	—	.6	—	—	1.1	—	8.9
Barbers	—	—	—	—	—	—	—	—	—	—
Hairdressers, hairstylists, and cosmetologists	—	—	2.3	—	.6	—	—	1.1	—	9.2
Miscellaneous personal appearance workers	—	—	—	—	—	—	—	—	—	—
Skin care specialists	—	—	—	—	—	—	—	—	—	—
Transportation, tourism, and lodging attendants	—	—	—	—	8.1	—	4.0	31.7	18.7	44.3

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Baggage porters, bellhops, and concierges	39-6010	140.6	73.1	6.3	8.7	8.7	—	12.7	—
Baggage porters and bellhops	39-6011	183.3	100.3	6.9	11.1	11.1	—	14.1	—
Concierges	39-6012	37.0	—	—	—	—	—	9.5	—
Tour and travel guides	39-6020	70.8	22.7	—	21.7	—	—	8.9	—
Tour guides and escorts	39-6021	78.7	25.3	—	25.0	—	—	9.6	—
Transportation attendants	39-6030	531.9	272.9	18.5	21.0	17.1	3.9	76.7	11.1
Flight attendants	39-6031	588.4	301.4	18.2	23.1	19.5	—	87.8	13.1
Transportation attendants, except flight attendants and baggage porters	39-6032	221.2	115.8	20.0	—	—	—	16.0	—
Other personal care and service workers	39-9000	100.3	44.6	9.8	2.8	1.8	1.0	7.8	.2
Child care workers	39-9010	82.5	33.3	6.5	2.4	.9	1.5	11.8	—
Child care workers	39-9011	82.5	33.3	6.5	2.4	.9	1.5	11.8	—
Personal and home care aides	39-9020	116.6	57.9	11.2	1.1	.8	—	6.2	—
Personal and home care aides	39-9021	116.6	57.9	11.2	1.1	.8	—	6.2	—
Recreation and fitness workers	39-9030	72.2	32.2	12.4	1.0	—	—	6.3	—
Fitness trainers and aerobics instructors	39-9031	29.4	22.2	3.5	—	—	—	—	—
Recreation workers	39-9032	127.4	45.2	23.9	—	—	—	13.4	—
Residential advisors	39-9040	43.2	15.2	3.9	11.3	—	—	—	—
Residential advisors	39-9041	43.2	15.2	3.9	11.3	—	—	—	—
Sales and related occupations	41-0000	62.0	24.0	5.9	4.2	3.8	.4	6.7	1.0
Supervisors, sales workers	41-1000	122.4	48.4	13.6	6.5	6.0	.5	10.0	2.9
First-line supervisors/managers, sales workers	41-1010	122.4	48.4	13.6	6.5	6.0	.5	10.0	2.9
First-line supervisors/managers of retail sales workers	41-1011	133.3	53.6	13.6	7.6	7.0	.6	11.1	.9
First-line supervisors/managers of non-retail sales workers	41-1012	74.2	25.4	13.4	1.5	1.5	—	5.1	11.4
Retail sales workers	41-2000	71.6	28.5	6.3	5.8	5.3	.5	8.8	1.1
Cashiers	41-2010	56.3	23.6	4.6	3.5	3.2	.3	5.4	2.1
Cashiers	41-2011	55.3	22.8	4.6	3.5	3.2	.3	5.3	2.1
Gaming change persons and booth cashiers	41-2012	303.1	218.4	—	—	—	—	25.3	—
Counter and rental clerks and parts salespersons	41-2020	25.2	7.7	.7	2.2	2.2	—	2.4	—
Counter and rental clerks	41-2021	15.4	5.5	—	3.0	2.9	—	1.5	—
Parts salespersons	41-2022	41.7	11.5	1.6	—	—	—	3.8	—
Retail salespersons	41-2030	90.1	35.4	8.5	7.9	7.3	.6	12.3	.5
Retail salespersons	41-2031	90.1	35.4	8.5	7.9	7.3	.6	12.3	.5
Sales representatives, services	41-3000	27.8	6.9	2.5	.7	.5	—	2.0	.3
Advertising sales agents	41-3010	28.7	6.8	5.5	—	—	—	2.5	—
Advertising sales agents	41-3011	28.7	6.8	5.5	—	—	—	2.5	—
Insurance sales agents	41-3020	11.0	3.0	—	—	—	—	—	—
Insurance sales agents	41-3021	11.0	3.0	—	—	—	—	—	—
Securities, commodities, and financial services sales agents	41-3030	23.6	2.0	2.3	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Baggage porters, bellhops, and concierges	—	—	—	—	2.8	—	—	22.1	8.4	13.9
Baggage porters and bellhops	—	—	—	—	—	—	—	29.6	11.8	17.1
Concierges	—	—	—	—	—	—	—	—	—	—
Tour and travel guides	—	—	—	—	—	—	—	—	—	8.4
Tour guides and escorts	—	—	—	—	—	—	—	—	—	9.7
Transportation attendants	—	—	—	—	13.0	—	6.7	45.5	29.8	73.1
Flight attendants	—	—	—	—	13.9	—	7.7	50.4	34.0	80.2
Transportation attendants, except flight attendants and baggage porters	—	—	—	—	—	—	—	18.5	—	34.1
Other personal care and service workers	0.4	—	—	—	3.4	0.3	2.2	13.8	4.5	17.4
Child care workers	—	—	—	—	5.6	.5	3.2	7.2	1.9	15.5
Child care workers	—	—	—	—	5.6	.5	3.2	7.2	1.9	15.5
Personal and home care aides	—	—	—	—	2.1	—	1.3	20.6	8.2	17.0
Personal and home care aides	—	—	—	—	2.1	—	1.3	20.6	8.2	17.0
Recreation and fitness workers	—	—	—	—	3.4	—	2.8	9.4	1.2	5.4
Fitness trainers and aerobics instructors	—	—	—	—	—	—	—	—	—	1.5
Recreation workers	—	—	—	—	7.7	—	6.4	21.0	2.8	10.4
Residential advisors	—	—	—	—	—	—	—	4.7	—	3.7
Residential advisors	—	—	—	—	—	—	—	4.7	—	3.7
Sales and related occupations .....	.2	0.1	0.3	0.2	2.6	.4	1.2	7.1	2.4	9.7
Supervisors, sales workers .....	.2	.1	.8	1.1	6.3	.3	3.9	14.1	7.4	18.3
First-line supervisors/managers, sales workers .....	.2	.1	.8	1.1	6.3	.3	3.9	14.1	7.4	18.3
First-line supervisors/managers of retail sales workers	—	—	.8	1.3	7.3	—	4.7	17.0	9.0	19.7
First-line supervisors/managers of non-retail sales workers .....	.7	—	1.1	—	2.1	1.0	—	1.0	—	12.1
Retail sales workers .....	.2	.2	.3	.2	2.0	.3	.9	8.0	2.3	10.3
Cashiers .....	.3	—	.4	.3	.7	.1	.4	6.3	1.8	9.2
Cashiers .....	.3	—	.4	.3	.6	.1	.3	6.3	1.8	9.1
Gaming change persons and booth cashiers	—	—	—	—	—	—	—	16.2	—	20.4
Counter and rental clerks and parts salespersons	—	—	—	—	.4	—	—	9.5	1.3	1.9
Counter and rental clerks	—	—	—	—	—	—	—	3.6	—	.8
Parts salespersons	—	—	—	—	—	—	—	19.4	3.1	3.7
Retail salespersons .....	.2	.4	.3	.2	3.2	.5	1.3	8.9	2.8	12.5
Retail salespersons .....	.2	.4	.3	.2	3.2	.5	1.3	8.9	2.8	12.5
Sales representatives, services	—	—	.3	—	3.3	.1	.8	3.5	.9	8.1
Advertising sales agents	—	—	—	—	2.2	—	1.1	3.9	—	6.8
Advertising sales agents	—	—	—	—	2.2	—	1.1	3.9	—	6.8
Insurance sales agents	—	—	.7	—	2.7	—	—	1.4	—	2.4
Insurance sales agents	—	—	.7	—	2.7	—	—	1.4	—	2.4
Securities, commodities, and financial services sales agents	—	—	—	—	7.1	—	—	—	—	11.6

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Securities, commodities, and financial services sales agents	41-3031	23.6	2.0	2.3	—	—	—	—	—
Travel agents	41-3040	13.1	—	—	—	—	—	—	—
Travel agents	41-3041	13.1	—	—	—	—	—	—	—
Sales representatives, wholesale and manufacturing	41-4000	16.2	6.4	.9	0.2	0.2	—	1.8	—
Sales representatives, wholesale and manufacturing	41-4010	16.2	6.4	.9	.2	.2	—	1.8	—
Sales representatives, wholesale and manufacturing, technical and scientific products	41-4011	20.3	5.7	1.1	—	—	—	5.5	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	41-4012	15.1	6.6	.8	.2	.2	—	.8	—
Other sales and related workers	41-9000	40.4	13.3	5.9	2.7	1.7	0.9	3.5	—
Models, demonstrators, and product promoters	41-9010	76.2	58.7	—	—	—	—	—	—
Demonstrators and product promoters	41-9011	76.9	59.4	—	—	—	—	—	—
Real estate brokers and sales agents	41-9020	7.6	3.4	2.1	—	—	—	—	—
Real estate sales agents	41-9022	10.0	4.5	2.8	—	—	—	—	—
Sales engineers	41-9030	3.9	—	—	—	—	—	—	—
Sales engineers	41-9031	3.9	—	—	—	—	—	—	—
Telemarketers	41-9040	10.7	2.8	.8	—	—	—	1.5	—
Telemarketers	41-9041	10.7	2.8	.8	—	—	—	1.5	—
Miscellaneous sales and related workers	41-9090	165.5	43.2	27.9	13.9	8.5	5.4	16.8	—
Door-to-door sales workers, news and street vendors, and related workers	41-9091	149.0	37.0	—	—	—	—	—	—
Office and administrative support occupations	43-0000	51.0	20.2	4.7	2.2	2.0	.2	5.6	0.1
Supervisors, office and administrative support workers	43-1000	43.5	10.8	7.1	.6	.5	—	5.5	—
First-line supervisors/managers of office and administrative support workers	43-1010	43.5	10.8	7.1	.6	.5	—	5.5	—
First-line supervisors/managers of office and administrative support workers	43-1011	43.5	10.8	7.1	.6	.5	—	5.5	—
Communications equipment operators	43-2000	27.5	6.9	2.0	—	—	—	3.3	—
Switchboard operators, including answering service	43-2010	11.2	3.3	1.4	—	—	—	—	—
Switchboard operators, including answering service	43-2011	11.2	3.3	1.4	—	—	—	—	—
Telephone operators	43-2020	106.9	23.2	—	—	—	—	9.7	—
Telephone operators	43-2021	106.9	23.2	—	—	—	—	9.7	—
Financial clerks	43-3000	21.7	5.9	2.7	.7	.7	—	3.5	—
Bill and account collectors	43-3010	21.0	6.2	1.4	—	—	—	1.1	—
Bill and account collectors	43-3011	21.0	6.2	1.4	—	—	—	1.1	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Securities, commodities, and financial services sales agents	-	-	-	-	7.1	-	-	-	-	11.6
Travel agents	-	-	-	-	-	-	-	-	-	-
Travel agents	-	-	-	-	-	-	-	-	-	-
Sales representatives, wholesale and manufacturing	-	-	0.2	-	1.6	0.7	0.5	2.1	0.6	2.9
Sales representatives, wholesale and manufacturing	-	-	.2	-	1.6	.7	.5	2.1	.6	2.9
Sales representatives, wholesale and manufacturing, technical and scientific products	-	-	-	-	3.8	-	.9	1.5	.6	2.1
Sales representatives, wholesale and manufacturing, except technical and scientific products	-	-	.1	-	1.0	.3	.3	2.3	.5	3.1
Other sales and related workers	-	-	-	-	1.7	.4	.7	5.5	1.4	7.2
Models, demonstrators, and product promoters	-	-	-	-	-	-	-	5.5	-	6.2
Demonstrators and product promoters	-	-	-	-	-	-	-	5.3	-	6.3
Real estate brokers and sales agents	-	-	-	-	-	-	-	-	-	.9
Real estate sales agents	-	-	-	-	-	-	-	-	-	1.2
Sales engineers	-	-	-	-	-	-	-	-	-	-
Sales engineers	-	-	-	-	-	-	-	-	-	-
Telemarketers	-	-	-	-	1.2	-	.7	1.7	-	2.0
Telemarketers	-	-	-	-	1.2	-	.7	1.7	-	2.0
Miscellaneous sales and related workers	-	-	-	-	6.4	1.3	2.0	22.3	6.8	32.9
Door-to-door sales workers, news and street vendors, and related workers	-	-	-	-	51.3	-	-	-	-	33.8
Office and administrative support occupations	0.3	0.1	1.5	0.2	2.0	.3	.8	6.0	1.5	8.2
Supervisors, office and administrative support workers .....	.2	-	1.1	.3	1.6	.3	.2	5.2	2.5	11.0
First-line supervisors/managers of office and administrative support workers .....	.2	-	1.1	.3	1.6	.3	.2	5.2	2.5	11.0
First-line supervisors/managers of office and administrative support workers .....	.2	-	1.1	.3	1.6	.3	.2	5.2	2.5	11.0
Communications equipment operators	-	-	-	-	1.9	-	1.3	6.4	-	6.2
Switchboard operators, including answering service	-	-	-	-	-	-	-	2.1	-	2.2
Switchboard operators, including answering service	-	-	-	-	-	-	-	2.1	-	2.2
Telephone operators	-	-	-	-	9.4	-	-	32.2	-	26.5
Telephone operators	-	-	-	-	9.4	-	-	32.2	-	26.5
Financial clerks	-	-	1.3	.1	.6	-	.3	2.4	.8	4.5
Bill and account collectors	-	-	1.2	-	.6	-	.5	2.9	1.4	7.4
Bill and account collectors	-	-	1.2	-	.6	-	.5	2.9	1.4	7.4

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Billing and posting clerks and machine operators	43-3020	20.8	3.4	3.0	—	—	—	2.0	—
Billing and posting clerks and machine operators	43-3021	20.8	3.4	3.0	—	—	—	2.0	—
Bookkeeping, accounting, and auditing clerks	43-3030	15.3	3.4	2.7	0.3	0.3	—	3.7	—
Bookkeeping, accounting, and auditing clerks	43-3031	15.3	3.4	2.7	.3	.3	—	3.7	—
Gaming cage workers	43-3040	65.6	44.2	—	—	—	—	—	—
Gaming cage workers	43-3041	65.6	44.2	—	—	—	—	—	—
Payroll and timekeeping clerks	43-3050	13.7	1.5	3.4	—	—	—	1.9	—
Payroll and timekeeping clerks	43-3051	13.7	1.5	3.4	—	—	—	1.9	—
Procurement clerks	43-3060	22.4	4.1	—	—	—	—	—	—
Procurement clerks	43-3061	22.4	4.1	—	—	—	—	—	—
Tellers	43-3070	41.7	15.0	3.5	2.8	2.8	—	6.8	—
Tellers	43-3071	41.7	15.0	3.5	2.8	2.8	—	6.8	—
Information and record clerks	43-4000	51.8	20.9	4.3	1.3	1.3	0.1	6.4	0.1
Correspondence clerks	43-4020	23.1	—	—	—	—	—	—	—
Correspondence clerks	43-4021	23.1	—	—	—	—	—	—	—
Credit authorizers, checkers, and clerks	43-4040	27.7	6.1	—	6.3	6.3	—	—	—
Customer service representatives	43-4050	57.2	20.4	4.3	1.7	1.6	.1	7.7	.2
Customer service representatives	43-4051	57.2	20.4	4.3	1.7	1.6	.1	7.7	.2
Eligibility interviewers, government programs	43-4060	122.0	—	—	—	—	—	—	—
Eligibility interviewers, government programs	43-4061	122.0	—	—	—	—	—	—	—
File clerks	43-4070	39.6	13.2	1.7	1.4	1.3	—	2.9	—
File clerks	43-4071	39.6	13.2	1.7	1.4	1.3	—	2.9	—
Hotel, motel, and resort desk clerks	43-4080	25.4	5.8	3.0	—	—	—	2.0	—
Hotel, motel, and resort desk clerks	43-4081	25.4	5.8	3.0	—	—	—	2.0	—
Interviewers, except eligibility and loan	43-4110	28.7	9.3	2.5	—	—	—	3.0	—
Interviewers, except eligibility and loan	43-4111	28.7	9.3	2.5	—	—	—	3.0	—
Library assistants, clerical	43-4120	48.1	18.3	—	—	—	—	—	—
Library assistants, clerical	43-4121	48.1	18.3	—	—	—	—	—	—
Loan interviewers and clerks	43-4130	11.2	1.0	1.1	—	—	—	—	—
Loan interviewers and clerks	43-4131	11.2	1.0	1.1	—	—	—	—	—
New accounts clerks	43-4140	4.2	—	—	—	—	—	—	—
New accounts clerks	43-4141	4.2	—	—	—	—	—	—	—
Order clerks	43-4150	12.3	6.5	—	—	—	—	—	—
Order clerks	43-4151	12.3	6.5	—	—	—	—	—	—
Human resources assistants, except payroll and timekeeping	43-4160	8.5	2.1	—	—	—	—	—	—
Human resources assistants, except payroll and timekeeping	43-4161	8.5	2.1	—	—	—	—	—	—
Receptionists and information clerks	43-4170	29.8	8.1	5.8	.3	.2	—	1.3	—
Receptionists and information clerks	43-4171	29.8	8.1	5.8	.3	.2	—	1.3	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Billing and posting clerks and machine operators	—	—	0.9	—	0.4	—	—	1.3	0.4	9.7
Billing and posting clerks and machine operators	—	—	.9	—	.4	—	—	1.3	.4	9.7
Bookkeeping, accounting, and auditing clerks	—	—	.7	0.1	.5	—	0.3	1.6	.6	2.2
Bookkeeping, accounting, and auditing clerks	—	—	.7	.1	.5	—	.3	1.6	.6	2.2
Gaming cage workers	—	—	—	—	—	—	—	—	—	—
Gaming cage workers	—	—	—	—	—	—	—	—	—	—
Payroll and timekeeping clerks	—	—	—	—	1.6	—	—	1.4	—	2.7
Payroll and timekeeping clerks	—	—	—	—	1.6	—	—	1.4	—	2.7
Procurement clerks	—	—	5.4	—	—	—	—	—	—	5.8
Procurement clerks	—	—	5.4	—	—	—	—	—	—	5.8
Tellers	—	—	2.8	—	.7	—	—	5.4	1.4	4.6
Tellers	—	—	2.8	—	.7	—	—	5.4	1.4	4.6
Information and record clerks	0.9	—	2.0	.2	2.1	0.2	1.0	5.5	1.4	7.9
Correspondence clerks	—	—	—	—	—	—	—	—	—	—
Correspondence clerks	—	—	—	—	—	—	—	—	—	—
Credit authorizers, checkers, and clerks	—	—	—	—	3.9	—	—	—	—	5.4
Customer service representatives	—	—	3.3	.3	1.9	.2	.9	8.2	2.4	9.1
Customer service representatives	—	—	3.3	.3	1.9	.2	.9	8.2	2.4	9.1
Eligibility interviewers, government programs	—	—	—	—	—	—	—	—	—	—
Eligibility interviewers, government programs	—	—	—	—	—	—	—	—	—	—
File clerks	—	—	—	—	—	—	—	3.9	—	15.6
File clerks	—	—	—	—	—	—	—	3.9	—	15.6
Hotel, motel, and resort desk clerks	—	—	—	—	1.3	—	.9	8.0	—	5.4
Hotel, motel, and resort desk clerks	—	—	—	—	1.3	—	.9	8.0	—	5.4
Interviewers, except eligibility and loan	—	—	1.3	—	—	—	—	1.3	—	10.3
Interviewers, except eligibility and loan	—	—	1.3	—	—	—	—	1.3	—	10.3
Library assistants, clerical	—	—	—	—	—	—	—	14.0	—	—
Library assistants, clerical	—	—	—	—	—	—	—	14.0	—	—
Loan interviewers and clerks	—	—	—	—	2.8	—	—	5.3	—	—
Loan interviewers and clerks	—	—	—	—	2.8	—	—	5.3	—	—
New accounts clerks	—	—	—	—	—	—	—	—	—	2.3
New accounts clerks	—	—	—	—	—	—	—	—	—	2.3
Order clerks	—	—	1.7	—	—	—	—	1.2	—	1.8
Order clerks	—	—	1.7	—	—	—	—	1.2	—	1.8
Human resources assistants, except payroll and timekeeping	—	—	—	—	—	—	—	2.0	—	3.5
Human resources assistants, except payroll and timekeeping	—	—	—	—	—	—	—	2.0	—	3.5
Receptionists and information clerks	—	—	.9	—	2.4	.2	.6	2.2	.4	4.2
Receptionists and information clerks	—	—	.9	—	2.4	.2	.6	2.2	.4	4.2

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Reservation and transportation ticket agents and travel clerks	43-4180	353.8	225.2	22.7	10.0	9.9	—	45.3	—
Reservation and transportation ticket agents and travel clerks	43-4181	353.8	225.2	22.7	10.0	9.9	—	45.3	—
Material recording, scheduling, dispatching, and distributing workers	43-5000	114.9	53.3	7.6	7.6	6.7	0.9	11.7	0.1
Cargo and freight agents	43-5010	214.7	138.9	11.6	4.3	4.2	—	22.9	—
Cargo and freight agents	43-5011	214.7	138.9	11.6	4.3	4.2	—	22.9	—
Couriers and messengers	43-5020	220.2	104.3	14.2	4.8	4.5	—	14.4	—
Couriers and messengers	43-5021	220.2	104.3	14.2	4.8	4.5	—	14.4	—
Dispatchers	43-5030	31.3	9.5	3.7	—	—	—	4.4	—
Dispatchers, except police, fire, and ambulance	43-5032	32.4	9.6	3.9	—	—	—	4.6	—
Meter readers, utilities	43-5040	275.9	161.6	7.7	8.2	—	—	7.6	—
Meter readers, utilities	43-5041	275.9	161.6	7.7	8.2	—	—	7.6	—
Production, planning, and expediting clerks	43-5060	58.8	19.1	1.7	1.8	1.5	—	6.1	—
Production, planning, and expediting clerks	43-5061	58.8	19.1	1.7	1.8	1.5	—	6.1	—
Shipping, receiving, and traffic clerks	43-5070	96.3	40.6	8.0	8.8	7.2	1.7	9.4	—
Shipping, receiving, and traffic clerks	43-5071	96.3	40.6	8.0	8.8	7.2	1.7	9.4	—
Stock clerks and order fillers	43-5080	130.2	61.5	8.0	9.4	8.6	.8	14.2	—
Stock clerks and order fillers	43-5081	130.2	61.5	8.0	9.4	8.6	.8	14.2	—
Weighers, measurers, checkers, and samplers, recordkeeping	43-5110	114.4	55.6	15.1	4.0	3.8	—	4.2	—
Weighers, measurers, checkers, and samplers, recordkeeping	43-5111	114.4	55.6	15.1	4.0	3.8	—	4.2	—
Secretaries and administrative assistants	43-6000	24.8	7.2	3.6	1.0	1.0	—	2.0	—
Secretaries and administrative assistants	43-6010	24.8	7.2	3.6	1.0	1.0	—	2.0	—
Executive secretaries and administrative assistants	43-6011	40.7	9.0	7.3	1.3	1.2	—	3.1	—
Legal secretaries	43-6012	25.9	5.9	4.5	—	—	—	1.3	—
Medical secretaries	43-6013	20.5	8.1	2.3	.9	.8	—	2.8	—
Secretaries, except legal, medical, and executive	43-6014	12.1	5.6	.6	1.0	1.0	—	.9	—
Other office and administrative support workers	43-9000	45.5	17.5	4.3	1.7	1.6	—	4.0	.1
Computer operators	43-9010	23.5	13.7	—	—	—	—	—	—
Computer operators	43-9011	23.5	13.7	—	—	—	—	—	—
Data entry and information processing workers	43-9020	30.8	5.1	—	—	—	—	2.5	—
Data entry keyers	43-9021	24.9	4.8	—	—	—	—	2.3	—
Word processors and typists	43-9022	64.2	6.9	—	—	—	—	—	—
Insurance claims and policy processing clerks	43-9040	26.2	9.5	2.6	—	—	—	1.6	—
Insurance claims and policy processing clerks	43-9041	26.2	9.5	2.6	—	—	—	1.6	—
Mail clerks and mail machine operators, except postal service	43-9050	152.2	68.8	23.4	5.1	5.1	—	7.8	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									All other natures ⁶
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Reservation and transportation ticket agents and travel clerks	—	—	—	—	11.5	—	8.3	9.7	2.9	28.0
Reservation and transportation ticket agents and travel clerks	—	—	—	—	11.5	—	8.3	9.7	2.9	28.0
Material recording, scheduling, dispatching, and distributing workers	0.3	0.3	0.9	0.4	3.7	0.6	1.2	14.0	3.6	15.1
Cargo and freight agents	—	—	—	—	4.4	—	—	17.9	4.1	13.4
Cargo and freight agents	—	—	—	—	4.4	—	—	17.9	4.1	13.4
Couriers and messengers	—	—	—	—	15.0	3.9	5.8	50.6	5.3	16.8
Couriers and messengers	—	—	—	—	15.0	3.9	5.8	50.6	5.3	16.8
Dispatchers	—	—	—	—	—	—	—	1.8	—	10.1
Dispatchers, except police, fire, and ambulance	—	—	—	—	—	—	—	1.9	—	10.6
Meter readers, utilities	—	—	—	—	—	—	—	14.2	8.0	70.2
Meter readers, utilities	—	—	—	—	—	—	—	14.2	8.0	70.2
Production, planning, and expediting clerks	—	—	3.0	—	3.6	—	—	18.6	.9	4.6
Production, planning, and expediting clerks	—	—	3.0	—	3.6	—	—	18.6	.9	4.6
Shipping, receiving, and traffic clerks .....	.4	.3	.8	.5	3.8	1.1	.6	9.4	2.8	14.1
Shipping, receiving, and traffic clerks .....	.4	.3	.8	.5	3.8	1.1	.6	9.4	2.8	14.1
Stock clerks and order fillers .....	.4	.2	.8	.5	3.3	.3	1.6	14.9	4.8	16.9
Stock clerks and order fillers .....	.4	.2	.8	.5	3.3	.3	1.6	14.9	4.8	16.9
Weighers, measurers, checkers, and samplers, recordkeeping	—	—	—	—	5.0	—	—	7.6	—	19.4
Weighers, measurers, checkers, and samplers, recordkeeping	—	—	—	—	5.0	—	—	7.6	—	19.4
Secretaries and administrative assistants	—	—	1.6	.1	1.5	.5	.5	3.6	.3	4.2
Secretaries and administrative assistants	—	—	1.6	.1	1.5	.5	.5	3.6	.3	4.2
Executive secretaries and administrative assistants	—	—	3.8	—	1.7	.6	.6	7.2	.6	7.2
Legal secretaries	—	—	—	—	3.5	—	—	3.6	—	6.9
Medical secretaries	—	—	—	—	1.4	—	.5	2.4	—	2.1
Secretaries, except legal, medical, and executive	—	—	.3	—	.9	.5	.4	.8	—	1.9
Other office and administrative support workers	—	—	2.0	.2	2.4	.3	1.4	4.8	1.2	8.5
Computer operators	—	—	2.2	—	3.0	—	—	—	—	—
Computer operators	—	—	2.2	—	3.0	—	—	—	—	—
Data entry and information processing workers	—	—	5.3	—	8.3	.7	6.4	4.0	—	4.4
Data entry keyers	—	—	5.9	—	2.7	—	—	4.2	—	4.1
Word processors and typists	—	—	—	—	40.5	—	—	—	—	5.7
Insurance claims and policy processing clerks	—	—	3.5	—	1.5	—	—	2.4	—	3.9
Insurance claims and policy processing clerks	—	—	3.5	—	1.5	—	—	2.4	—	3.9
Mail clerks and mail machine operators, except postal service	—	—	6.6	1.6	5.7	1.9	—	18.5	3.7	14.7

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Mail clerks and mail machine operators, except postal service	43-9051	152.2	68.8	23.4	5.1	5.1	—	7.8	—
Office clerks, general	43-9060	29.7	12.3	3.1	.9	.9	—	2.6	0.1
Office clerks, general	43-9061	29.7	12.3	3.1	.9	.9	—	2.6	.1
Office machine operators, except computer	43-9070	46.2	12.5	—	6.3	6.3	—	10.0	—
Office machine operators, except computer	43-9071	46.2	12.5	—	6.3	6.3	—	10.0	—
Proofreaders and copy markers	43-9080	47.2	36.5	—	—	—	—	—	—
Proofreaders and copy markers	43-9081	47.2	36.5	—	—	—	—	—	—
Farming, fishing, and forestry occupations	45-0000	142.0	39.5	18.9	18.3	15.1	3.2	17.8	.7
Supervisors, farming, fishing, and forestry workers	45-1000	73.9	13.4	19.5	—	—	—	6.8	—
First-line supervisors/managers of farming, fishing, and forestry workers	45-1010	73.9	13.4	19.5	—	—	—	6.8	—
Agricultural workers	45-2000	144.3	41.1	19.6	19.2	16.1	3.0	17.8	.7
Graders and sorters, agricultural products	45-2040	110.5	25.1	4.8	50.1	48.9	—	6.8	—
Graders and sorters, agricultural products ..	45-2041	110.5	25.1	4.8	50.1	48.9	—	6.8	—
Miscellaneous agricultural workers	45-2090	147.1	42.2	20.5	17.9	14.8	3.2	18.5	.8
Fishing and hunting workers	45-3000	66.9	12.5	—	—	—	—	14.7	—
Fishers and related fishing workers	45-3010	67.0	12.5	—	—	—	—	14.7	—
Fishers and related fishing workers	45-3011	67.0	12.5	—	—	—	—	14.7	—
Forest, conservation, and logging workers	45-4000	195.1	45.7	11.4	26.1	16.8	9.3	29.7	—
Forest and conservation workers	45-4010	296.1	80.0	—	—	—	—	93.4	—
Forest and conservation workers	45-4011	296.1	80.0	—	—	—	—	93.4	—
Logging workers	45-4020	189.2	43.8	11.4	26.2	16.8	9.5	26.0	—
Construction and extraction occupations	47-0000	221.7	74.6	24.9	31.4	24.6	6.8	14.9	1.9
Supervisors, construction and extraction workers	47-1000	138.6	46.5	27.4	13.2	11.8	1.4	6.1	1.1
First-line supervisors/managers of construction trades and extraction workers ...	47-1010	138.6	46.5	27.4	13.2	11.8	1.4	6.1	1.1
First-line supervisors/managers of construction trades and extraction workers	47-1011	138.6	46.5	27.4	13.2	11.8	1.4	6.1	1.1
Construction trades workers	47-2000	240.3	81.8	25.3	34.4	26.5	7.9	16.6	2.2
Boilermakers	47-2010	394.0	193.5	138.4	—	—	—	—	8.0
Boilermakers	47-2011	394.0	193.5	138.4	—	—	—	—	8.0
Brickmasons, blockmasons, and stonemasons	47-2020	273.5	146.0	11.0	23.6	20.5	3.1	7.0	—
Brickmasons and blockmasons	47-2021	195.2	53.7	12.7	23.2	19.5	3.6	6.6	—
Stonemasons	47-2022	709.7	660.0	—	25.9	25.9	—	—	—
Carpenters	47-2030	235.7	70.7	20.4	49.9	31.4	18.5	12.7	—
Carpenters	47-2031	235.7	70.7	20.4	49.9	31.4	18.5	12.7	—
Carpet, floor, and tile installers and finishers ..	47-2040	165.5	68.1	1.9	15.3	10.9	4.3	—	—
Carpet installers	47-2041	109.3	54.2	—	7.1	5.5	—	—	—
Floor layers, except carpet, wood, and hard tiles	47-2042	159.1	43.3	—	38.0	15.5	—	—	—
Floor sanders and finishers	47-2043	917.7	377.3	—	—	—	—	—	—
Tile and marble setters	47-2044	84.3	34.7	—	16.9	15.1	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Mail clerks and mail machine operators, except postal service	—	—	6.6	1.6	5.7	1.9	—	18.5	3.7	14.7
Office clerks, general	—	—	.9	—	.9	.1	0.5	3.8	1.0	4.9
Office clerks, general	—	—	.9	—	.9	.1	.5	3.8	1.0	4.9
Office machine operators, except computer	—	—	—	—	4.7	—	3.5	3.3	—	9.1
Office machine operators, except computer	—	—	—	—	4.7	—	3.5	3.3	—	9.1
Proofreaders and copy markers	—	—	—	—	—	—	—	—	—	—
Proofreaders and copy markers	—	—	—	—	—	—	—	—	—	—
Farming, fishing, and forestry occupations	0.8	1.9	.4	.4	5.6	1.8	1.1	13.0	3.8	24.7
Supervisors, farming, fishing, and forestry workers	—	11.4	—	—	—	—	—	5.6	5.3	12.1
First-line supervisors/managers of farming, fishing, and forestry workers	—	11.4	—	—	—	—	—	5.6	5.3	12.1
Agricultural workers .....	.9	1.4	.2	.4	4.7	1.2	1.2	13.6	3.5	24.5
Graders and sorters, agricultural products	—	—	—	—	—	—	—	5.4	—	12.7
Graders and sorters, agricultural products ..	—	—	—	—	—	—	—	5.4	—	12.7
Miscellaneous agricultural workers	1.0	1.5	—	.3	4.9	1.2	1.2	14.1	3.6	25.4
Fishing and hunting workers	—	—	—	—	—	—	—	—	—	28.9
Fishers and related fishing workers	—	—	—	—	—	—	—	—	—	29.0
Fishers and related fishing workers	—	—	—	—	—	—	—	—	—	29.0
Forest, conservation, and logging workers	—	—	3.3	—	26.1	14.3	—	13.3	10.2	38.3
Forest and conservation workers	—	—	—	—	—	—	—	—	—	—
Forest and conservation workers	—	—	—	—	—	—	—	—	—	—
Logging workers	—	—	3.5	—	25.6	14.0	—	13.8	10.8	37.8
Construction and extraction occupations .....	.8	1.2	.8	.5	8.7	2.5	1.9	21.5	7.6	40.4
Supervisors, construction and extraction workers .....	.5	.5	.4	—	6.6	1.3	1.1	12.6	3.3	23.7
First-line supervisors/managers of construction trades and extraction workers ...	.5	.5	.4	—	6.6	1.3	1.1	12.6	3.3	23.7
First-line supervisors/managers of construction trades and extraction workers .....	.5	.5	.4	—	6.6	1.3	1.1	12.6	3.3	23.7
Construction trades workers	1.0	1.1	.9	.6	9.2	2.9	2.1	24.5	8.9	42.7
Boilermakers	—	—	—	—	—	—	—	—	—	45.7
Boilermakers	—	—	—	—	—	—	—	—	—	45.7
Brickmasons, blockmasons, and stonemasons	—	—	4.4	—	28.2	—	—	16.6	4.2	35.5
Brickmasons and blockmasons	—	—	5.2	—	33.3	—	—	19.6	4.9	39.7
Stonemasons	—	—	—	—	—	—	—	—	—	12.5
Carpenters .....	.4	1.8	.3	1.3	7.8	2.1	2.5	29.6	10.0	40.6
Carpenters .....	.4	1.8	.3	1.3	7.8	2.1	2.5	29.6	10.0	40.6
Carpet, floor, and tile installers and finishers ..	—	—	1.7	—	—	—	—	15.7	9.3	59.6
Carpet installers	—	—	—	—	—	—	—	—	—	42.9
Floor layers, except carpet, wood, and hard tiles	—	—	—	—	—	—	—	—	—	63.8
Floor sanders and finishers	—	—	—	—	—	—	—	81.3	—	455.7
Tile and marble setters	—	—	—	—	—	—	—	13.3	6.4	6.2

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Cement masons, concrete finishers, and terrazzo workers	47-2050	93.9	26.7	4.8	32.8	31.2	1.6	3.7	—
Cement masons and concrete finishers	47-2051	94.6	26.1	4.8	33.7	32.1	1.6	3.8	—
Terrazzo workers and finishers	47-2053	68.2	48.1	—	—	—	—	—	—
Construction laborers	47-2060	383.1	120.9	44.8	54.1	40.4	13.7	35.4	4.2
Construction laborers	47-2061	383.1	120.9	44.8	54.1	40.4	13.7	35.4	4.2
Construction equipment operators	47-2070	98.8	35.2	14.7	5.5	4.8	.7	7.9	—
Paving, surfacing, and tamping equipment operators	47-2071	56.0	27.2	5.9	—	—	—	7.7	—
Pile-driver operators	47-2072	277.4	—	153.1	—	—	—	—	—
Operating engineers and other construction equipment operators	47-2073	102.0	36.4	14.1	6.1	5.3	.8	8.0	—
Drywall installers, ceiling tile installers, and tapers	47-2080	197.3	58.8	17.7	28.7	24.6	4.1	10.2	—
Drywall and ceiling tile installers	47-2081	201.6	54.0	16.9	32.2	28.7	3.5	6.7	—
Tapers	47-2082	180.2	78.3	20.6	14.4	7.8	6.6	24.5	—
Electricians	47-2110	183.1	71.4	14.5	20.8	18.4	2.5	10.5	3.0
Electricians	47-2111	183.1	71.4	14.5	20.8	18.4	2.5	10.5	3.0
Glaziers	47-2120	330.8	137.1	19.7	69.5	66.0	3.5	12.6	—
Glaziers	47-2121	330.8	137.1	19.7	69.5	66.0	3.5	12.6	—
Insulation workers	47-2130	195.7	91.6	39.6	3.7	3.7	—	16.1	—
Insulation workers, floor, ceiling, and wall	47-2131	314.2	145.3	46.1	6.6	6.6	—	28.7	—
Insulation workers, mechanical	47-2132	83.0	40.4	33.5	—	—	—	—	—
Painters and paperhangers	47-2140	207.3	68.5	42.8	12.2	8.3	3.9	12.4	1.5
Painters, construction and maintenance	47-2141	209.9	70.0	43.7	12.5	8.5	4.0	11.7	1.6
Paperhangers	47-2142	89.3	—	—	—	—	—	44.4	—
Pipelayers, plumbers, pipefitters, and steamfitters	47-2150	229.7	85.9	15.2	24.4	22.2	2.2	18.4	3.7
Pipelayers	47-2151	120.1	13.0	19.9	—	—	—	20.4	—
Plumbers, pipefitters, and steamfitters	47-2152	241.4	93.6	14.7	26.6	24.2	2.4	18.2	4.1
Plasterers and stucco masons	47-2160	111.3	17.5	—	22.0	21.6	—	9.5	—
Plasterers and stucco masons	47-2161	111.3	17.5	—	22.0	21.6	—	9.5	—
Reinforcing iron and rebar workers	47-2170	376.5	168.7	44.5	27.3	20.1	7.2	37.6	—
Reinforcing iron and rebar workers	47-2171	376.5	168.7	44.5	27.3	20.1	7.2	37.6	—
Roofers	47-2180	349.2	110.2	66.6	58.8	45.1	13.6	17.3	12.2
Roofers	47-2181	349.2	110.2	66.6	58.8	45.1	13.6	17.3	12.2
Sheet metal workers	47-2210	211.7	66.7	11.6	46.4	44.1	2.3	10.3	—
Sheet metal workers	47-2211	211.7	66.7	11.6	46.4	44.1	2.3	10.3	—
Structural iron and steel workers	47-2220	327.7	103.4	57.0	33.7	30.9	2.8	33.8	—
Structural iron and steel workers	47-2221	327.7	103.4	57.0	33.7	30.9	2.8	33.8	—
Helpers, construction trades	47-3000	140.7	41.6	10.5	36.6	30.5	6.1	10.5	—
Helpers, construction trades	47-3010	140.7	41.6	10.5	36.6	30.5	6.1	10.5	—
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	47-3011	53.8	14.7	—	11.7	11.7	—	—	—
Helpers--carpenters	47-3012	137.1	14.4	30.8	51.9	30.3	21.6	7.4	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Cement masons, concrete finishers, and terrazzo workers	—	—	—	—	6.6	1.0	1.5	5.7	1.7	12.0
Cement masons and concrete finishers	—	—	—	—	6.8	1.0	1.6	5.8	1.7	11.9
Terrazzo workers and finishers	—	—	—	—	—	—	—	—	—	—
Construction laborers	1.3	1.7	0.3	0.5	14.4	3.7	3.9	35.7	10.8	69.8
Construction laborers	1.3	1.7	.3	.5	14.4	3.7	3.9	35.7	10.8	69.8
Construction equipment operators	—	.6	—	—	2.2	.6	.6	12.1	5.9	19.8
Paving, surfacing, and tamping equipment operators	—	—	—	—	—	—	—	5.6	—	7.7
Pile-driver operators	—	—	—	—	46.6	—	—	—	—	—
Operating engineers and other construction equipment operators	—	.6	—	—	1.9	.7	—	12.8	6.6	21.2
Drywall installers, ceiling tile installers, and tapers	—	—	2.4	—	4.4	—	1.9	40.0	28.3	33.9
Drywall and ceiling tile installers	—	—	3.0	—	5.3	—	2.3	44.1	34.9	37.7
Tapers	—	—	—	—	—	—	—	23.2	—	18.5
Electricians .....	.8	.4	1.1	—	7.0	3.0	2.0	15.8	3.9	37.6
Electricians .....	.8	.4	1.1	—	7.0	3.0	2.0	15.8	3.9	37.6
Glaziers	—	—	—	—	6.4	—	—	66.9	8.1	18.2
Glaziers	—	—	—	—	6.4	—	—	66.9	8.1	18.2
Insulation workers	—	—	—	—	—	—	—	11.0	—	28.8
Insulation workers, floor, ceiling, and wall	—	—	—	—	—	—	—	21.3	—	56.7
Insulation workers, mechanical	—	—	—	—	—	—	—	—	—	—
Painters and paperhangers	4.4	1.3	3.1	—	5.3	2.1	2.1	22.7	2.1	33.0
Painters, construction and maintenance	4.5	—	3.2	—	5.3	2.1	2.2	23.2	2.1	33.7
Paperhangers	—	—	—	—	—	—	—	—	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	2.5	1.1	—	—	11.2	4.5	1.2	25.1	17.3	41.6
Pipelayers	—	—	—	—	—	—	—	11.3	—	43.7
Plumbers, pipefitters, and steamfitters	2.6	.8	—	—	12.2	4.9	1.3	26.6	19.1	41.4
Plasterers and stucco masons	—	—	—	—	15.9	—	—	9.6	—	33.3
Plasterers and stucco masons	—	—	—	—	15.9	—	—	9.6	—	33.3
Reinforcing iron and rebar workers	—	—	—	—	16.2	14.7	—	29.9	—	47.1
Reinforcing iron and rebar workers	—	—	—	—	16.2	14.7	—	29.9	—	47.1
Roofers	—	—	—	4.1	10.9	2.9	—	18.4	8.9	49.5
Roofers	—	—	—	4.1	10.9	2.9	—	18.4	8.9	49.5
Sheet metal workers	—	—	3.1	—	11.4	8.9	—	18.1	7.1	40.6
Sheet metal workers	—	—	3.1	—	11.4	8.9	—	18.1	7.1	40.6
Structural iron and steel workers	—	5.4	—	—	10.8	5.2	—	30.4	5.3	49.4
Structural iron and steel workers	—	5.4	—	—	10.8	5.2	—	30.4	5.3	49.4
Helpers, construction trades	—	—	—	—	2.4	—	.6	11.5	2.7	26.8
Helpers, construction trades	—	—	—	—	2.4	—	.6	11.5	2.7	26.8
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	—	—	—	—	4.2	—	—	9.3	5.3	11.2
Helpers--carpenters	—	—	—	—	2.5	—	—	2.6	—	25.7

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Helpers--electricians	47-3013	93.4	30.9	4.1	9.9	7.5	2.5	9.3	—
Helpers--painters, paperhangers, plasterers, and stucco masons	47-3014	48.0	11.6	—	—	—	—	—	—
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	47-3015	131.6	50.5	6.1	16.5	15.7	—	12.3	—
Helpers--roofers	47-3016	148.5	78.1	—	10.7	—	—	—	—
Other construction and related workers	47-4000	198.6	68.3	28.1	29.6	21.4	8.2	10.1	1.1
Construction and building inspectors	47-4010	124.7	4.8	94.2	—	—	—	—	—
Construction and building inspectors	47-4011	124.7	4.8	94.2	—	—	—	—	—
Elevator installers and repairers	47-4020	155.1	65.3	15.5	31.3	30.3	—	8.0	—
Elevator installers and repairers	47-4021	155.1	65.3	15.5	31.3	30.3	—	8.0	—
Fence erectors	47-4030	186.0	24.3	—	41.8	26.7	—	12.3	—
Fence erectors	47-4031	186.0	24.3	—	41.8	26.7	—	12.3	—
Hazardous materials removal workers	47-4040	38.3	15.2	4.4	4.7	4.7	—	—	—
Hazardous materials removal workers	47-4041	38.3	15.2	4.4	4.7	4.7	—	—	—
Highway maintenance workers	47-4050	444.3	150.5	103.3	—	—	—	—	—
Highway maintenance workers	47-4051	444.3	150.5	103.3	—	—	—	—	—
Rail-track laying and maintenance equipment operators	47-4060	135.7	60.1	20.0	13.6	—	—	19.9	—
Septic tank servicers and sewer pipe cleaners	47-4070	42.4	17.0	—	—	—	—	—	—
Septic tank servicers and sewer pipe cleaners	47-4071	42.4	17.0	—	—	—	—	—	—
Miscellaneous construction and related workers	47-4090	506.8	214.6	19.1	90.4	60.9	29.6	24.3	3.7
Extraction workers	47-5000	210.5	64.9	28.4	17.7	16.6	1.2	14.8	1.1
Derrick, rotary drill, and service unit operators, oil, gas, and mining	47-5010	220.2	67.4	9.2	18.6	18.5	—	6.5	—
Derrick operators, oil and gas	47-5011	66.5	30.8	11.3	—	—	—	7.0	—
Rotary drill operators, oil and gas	47-5012	636.5	189.5	16.4	58.9	58.9	—	4.3	—
Service unit operators, oil, gas, and mining	47-5013	13.3	—	—	—	—	—	—	—
Earth drillers, except oil and gas	47-5020	176.3	40.2	63.9	14.2	14.2	—	19.4	—
Earth drillers, except oil and gas	47-5021	176.3	40.2	63.9	14.2	14.2	—	19.4	—
Explosives workers, ordnance handling experts, and blasters	47-5030	55.8	—	—	—	—	—	—	—
Mining machine operators	47-5040	229.2	95.6	33.7	17.8	15.0	—	18.6	—
Continuous mining machine operators	47-5041	94.9	26.3	25.5	—	—	—	12.0	—
Mine cutting and channeling machine operators	47-5042	25.5	—	—	—	—	—	—	—
Roof bolters, mining	47-5060	791.0	207.6	198.7	98.4	89.5	—	150.3	—
Roof bolters, mining	47-5061	791.0	207.6	198.7	98.4	89.5	—	150.3	—
Roustabouts, oil and gas	47-5070	28.5	12.0	5.4	—	—	—	—	—
Roustabouts, oil and gas	47-5071	28.5	12.0	5.4	—	—	—	—	—
Helpers--extraction workers	47-5080	149.5	17.2	14.5	7.1	6.8	—	16.7	—
Installation, maintenance, and repair occupations ..	49-0000	209.1	78.2	17.3	24.5	20.7	3.8	14.5	3.0

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Helpers--electricians	-	-	-	-	-	-	-	11.6	-	25.6
Helpers--painters, paperhangers, plasterers, and stucco masons	-	-	-	-	-	-	-	-	-	25.0
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	-	-	-	-	3.7	-	-	4.7	-	37.7
Helpers--roofers	-	-	-	-	-	-	-	35.6	-	19.1
Other construction and related workers	-	1.0	1.1	-	8.1	1.8	4.0	13.1	7.6	38.1
Construction and building inspectors	-	-	-	-	-	-	-	-	-	24.2
Construction and building inspectors	-	-	-	-	-	-	-	-	-	24.2
Elevator installers and repairers	-	-	-	-	-	-	-	8.2	-	20.1
Elevator installers and repairers	-	-	-	-	-	-	-	8.2	-	20.1
Fence erectors	-	-	-	-	7.7	-	-	29.4	29.4	61.4
Fence erectors	-	-	-	-	7.7	-	-	29.4	29.4	61.4
Hazardous materials removal workers	-	-	-	-	-	-	-	-	-	6.3
Hazardous materials removal workers	-	-	-	-	-	-	-	-	-	6.3
Highway maintenance workers	-	-	-	-	-	-	-	-	-	138.0
Highway maintenance workers	-	-	-	-	-	-	-	-	-	138.0
Rail-track laying and maintenance equipment operators	-	-	-	-	-	-	-	-	-	19.0
Septic tank servicers and sewer pipe cleaners	-	-	-	-	-	-	-	-	-	-
Septic tank servicers and sewer pipe cleaners	-	-	-	-	-	-	-	-	-	-
Miscellaneous construction and related workers	-	-	-	-	28.4	4.7	16.3	36.4	15.8	86.1
Extraction workers	0.6	4.7	-	-	12.4	2.5	-	12.5	1.9	52.9
Derrick, rotary drill, and service unit operators, oil, gas, and mining	-	-	-	-	18.8	-	-	21.2	1.3	76.2
Derrick operators, oil and gas	-	-	-	-	-	-	-	-	-	11.5
Rotary drill operators, oil and gas	-	-	-	-	60.3	-	-	66.3	-	235.9
Service unit operators, oil, gas, and mining	-	-	-	-	-	-	-	-	-	-
Earth drillers, except oil and gas	-	-	-	-	-	-	-	-	-	31.5
Earth drillers, except oil and gas	-	-	-	-	-	-	-	-	-	31.5
Explosives workers, ordnance handling experts, and blasters	-	-	-	-	-	-	-	-	-	-
Mining machine operators	-	-	-	-	7.8	-	-	7.0	-	40.1
Continuous mining machine operators	-	-	-	-	-	-	-	-	-	15.2
Mine cutting and channeling machine operators	-	-	-	-	-	-	-	-	-	-
Roof bolters, mining	-	-	-	-	-	-	-	-	-	91.3
Roof bolters, mining	-	-	-	-	-	-	-	-	-	91.3
Roustabouts, oil and gas	-	-	-	-	-	-	-	-	-	2.4
Roustabouts, oil and gas	-	-	-	-	-	-	-	-	-	2.4
Helpers--extraction workers	-	-	-	-	-	-	-	12.5	-	77.9
Installation, maintenance, and repair occupations ..	1.8	2.0	1.4	0.5	7.5	1.9	1.6	19.4	6.3	39.1

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Supervisors of installation, maintenance, and repair workers	49-1000	77.4	32.6	14.9	5.7	5.2	0.5	2.2	0.6
First-line supervisors/managers of mechanics, installers, and repairers	49-1010	77.4	32.6	14.9	5.7	5.2	.5	2.2	.6
First-line supervisors/managers of mechanics, installers, and repairers	49-1011	77.4	32.6	14.9	5.7	5.2	.5	2.2	.6
Electrical and electronic equipment mechanics, installers, and repairers	49-2000	146.7	57.9	10.2	12.8	10.8	2.0	8.4	3.6
Computer, automated teller, and office machine repairers	49-2010	134.1	40.4	7.8	9.2	8.6	—	—	—
Computer, automated teller, and office machine repairers	49-2011	134.1	40.4	7.8	9.2	8.6	—	—	—
Radio and telecommunications equipment installers and repairers	49-2020	202.5	92.4	15.9	12.3	9.3	3.0	17.0	—
Radio mechanics	49-2021	99.4	71.3	—	—	—	—	—	—
Telecommunications equipment installers and repairers, except line installers	49-2022	204.9	92.9	15.9	12.3	9.2	3.1	17.4	—
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	49-2090	110.3	39.5	6.9	14.7	13.0	1.7	5.2	7.6
Avionics technicians	49-2091	82.3	54.1	—	—	—	—	—	—
Electric motor, power tool, and related repairers	49-2092	120.7	26.5	—	12.6	12.6	—	11.1	—
Electrical and electronics installers and repairers, transportation equipment	49-2093	183.5	106.1	—	22.6	—	—	—	—
Electrical and electronics repairers, commercial and industrial equipment	49-2094	42.5	7.7	11.4	5.6	5.4	—	—	—
Electrical and electronics repairers, powerhouse, substation, and relay	49-2095	18.1	11.1	—	—	—	—	—	—
Electronic equipment installers and repairers, motor vehicles	49-2096	156.4	15.6	—	20.3	19.8	—	—	—
Electronic home entertainment equipment installers and repairers	49-2097	175.2	69.0	12.1	31.2	29.0	—	10.9	—
Security and fire alarm systems installers	49-2098	145.4	58.3	5.3	18.1	17.5	—	6.6	—
Vehicle and mobile equipment mechanics, installers, and repairers	49-3000	224.7	73.5	16.1	33.2	27.7	5.5	20.0	4.1
Aircraft mechanics and service technicians	49-3010	234.3	116.5	10.4	24.2	22.5	1.8	35.1	—
Aircraft mechanics and service technicians	49-3011	234.3	116.5	10.4	24.2	22.5	1.8	35.1	—
Automotive technicians and repairers	49-3020	241.3	70.9	13.4	49.5	41.3	8.2	21.8	6.0
Automotive body and related repairers	49-3021	181.2	48.9	11.2	50.6	23.7	27.0	3.8	1.2
Automotive glass installers and repairers	49-3022	282.6	77.4	—	178.1	178.1	—	—	—
Automotive service technicians and mechanics	49-3023	254.2	75.8	13.9	45.4	41.4	4.0	26.7	7.3
Bus and truck mechanics and diesel engine specialists	49-3030	230.6	74.6	27.3	16.4	13.4	2.9	18.8	2.3

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Supervisors of installation, maintenance, and repair workers	0.7	0.7	—	—	2.0	1.1	0.4	7.5	1.5	10.0
First-line supervisors/managers of mechanics, installers, and repairers .....	.7	.7	—	—	2.0	1.1	.4	7.5	1.5	10.0
First-line supervisors/managers of mechanics, installers, and repairers .....	.7	.7	—	—	2.0	1.1	.4	7.5	1.5	10.0
Electrical and electronic equipment mechanics, installers, and repairers .....	.3	1.0	0.5	—	4.2	1.4	.9	17.7	7.3	30.2
Computer, automated teller, and office machine repairers	—	—	—	—	2.9	—	1.6	26.9	11.8	45.8
Computer, automated teller, and office machine repairers	—	—	—	—	2.9	—	1.6	26.9	11.8	45.8
Radio and telecommunications equipment installers and repairers	—	—	—	—	7.1	2.7	1.1	24.9	7.5	31.7
Radio mechanics	—	—	—	—	—	—	—	—	—	—
Telecommunications equipment installers and repairers, except line installers	—	—	—	—	7.3	2.8	1.1	25.5	7.7	32.4
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	—	2.2	.6	—	2.5	—	—	8.3	5.2	22.5
Avionics technicians	—	—	—	—	—	—	—	—	—	—
Electric motor, power tool, and related repairers	—	24.2	—	—	—	—	—	7.3	—	31.1
Electrical and electronics installers and repairers, transportation equipment	—	—	—	—	—	—	—	—	—	31.0
Electrical and electronics repairers, commercial and industrial equipment	—	—	—	—	—	—	—	5.6	3.6	9.5
Electrical and electronics repairers, powerhouse, substation, and relay	—	—	—	—	—	—	—	—	—	—
Electronic equipment installers and repairers, motor vehicles	—	—	—	—	—	—	—	—	—	11.3
Electronic home entertainment equipment installers and repairers	—	—	—	—	—	—	—	10.2	—	38.9
Security and fire alarm systems installers	—	—	—	—	3.2	—	—	17.1	16.0	36.1
Vehicle and mobile equipment mechanics, installers, and repairers	2.5	1.4	1.4	0.6	8.2	1.6	1.1	23.1	7.1	40.5
Aircraft mechanics and service technicians	—	—	—	—	4.2	—	1.7	12.6	3.2	27.6
Aircraft mechanics and service technicians	—	—	—	—	4.2	—	1.7	12.6	3.2	27.6
Automotive technicians and repairers	3.4	1.9	1.5	1.1	7.8	.6	.8	26.9	8.3	37.3
Automotive body and related repairers	1.7	—	—	1.3	—	—	—	38.3	28.0	22.0
Automotive glass installers and repairers	—	—	—	—	—	—	—	—	—	12.5
Automotive service technicians and mechanics	3.9	2.4	1.6	1.1	9.6	.8	.9	25.0	4.0	41.6
Bus and truck mechanics and diesel engine specialists	—	.8	1.2	—	10.5	—	1.2	17.7	7.3	60.5

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Bus and truck mechanics and diesel engine specialists	49-3031	230.6	74.6	27.3	16.4	13.4	2.9	18.8	2.3
Heavy vehicle and mobile equipment service technicians and mechanics	49-3040	191.9	66.5	16.2	11.5	8.1	3.4	13.5	2.6
Farm equipment mechanics	49-3041	221.3	62.1	13.6	—	—	—	13.5	—
Mobile heavy equipment mechanics, except engines	49-3042	175.2	65.4	15.6	11.5	7.7	3.8	12.1	2.4
Rail car repairers	49-3043	238.9	79.3	23.6	22.3	20.0	—	21.7	7.9
Small engine mechanics	49-3050	69.5	20.2	5.2	—	—	—	—	3.6
Motorboat mechanics	49-3051	15.2	—	—	—	—	—	—	—
Motorcycle mechanics	49-3052	121.0	59.3	—	—	—	—	—	—
Outdoor power equipment and other small engine mechanics	49-3053	77.1	—	—	—	—	—	—	—
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	49-3090	219.8	89.3	24.6	10.0	8.9	—	16.3	—
Bicycle repairers	49-3091	70.5	—	—	—	—	—	—	—
Recreational vehicle service technicians	49-3092	53.5	—	—	—	—	—	—	—
Tire repairers and changers	49-3093	257.2	102.2	28.6	11.2	10.9	—	19.5	—
Other installation, maintenance, and repair occupations	49-9000	237.1	93.5	20.0	25.4	21.6	3.9	14.7	2.6
Control and valve installers and repairers	49-9010	67.8	38.3	5.1	6.7	6.7	—	—	—
Mechanical door repairers	49-9011	69.5	28.5	—	—	—	—	—	—
Control and valve installers and repairers, except mechanical door	49-9012	67.0	43.2	5.2	—	—	—	—	—
Heating, air conditioning, and refrigeration mechanics and installers	49-9020	243.9	91.7	23.1	30.2	28.0	2.2	13.7	2.9
Heating, air conditioning, and refrigeration mechanics and installers	49-9021	243.9	91.7	23.1	30.2	28.0	2.2	13.7	2.9
Home appliance repairers	49-9030	117.7	31.0	—	54.1	54.1	—	—	—
Home appliance repairers	49-9031	117.7	31.0	—	54.1	54.1	—	—	—
Industrial machinery installation, repair, and maintenance workers	49-9040	227.9	85.2	19.6	27.0	22.0	5.0	15.1	3.4
Industrial machinery mechanics	49-9041	299.9	119.6	22.6	31.4	29.6	1.8	29.9	4.8
Maintenance and repair workers, general	49-9042	212.7	77.3	18.4	25.0	19.6	5.4	11.8	3.0
Maintenance workers, machinery	49-9043	221.4	89.3	21.1	47.8	33.3	14.4	11.9	4.9
Millwrights	49-9044	164.6	55.6	24.7	17.0	16.4	—	5.3	—
Line installers and repairers	49-9050	217.4	113.2	13.8	5.1	4.1	1.0	10.2	—
Electrical power-line installers and repairers	49-9051	195.5	93.9	23.8	7.5	5.8	1.7	13.8	—
Telecommunications line installers and repairers	49-9052	230.6	124.8	7.8	3.6	3.0	—	8.0	—
Precision instrument and equipment repairers	49-9060	112.7	28.9	5.7	10.4	7.1	3.2	3.3	—
Medical equipment repairers	49-9062	24.5	8.2	—	—	—	—	—	—
Musical instrument repairers and tuners	49-9063	391.5	—	—	—	—	—	—	—
Miscellaneous installation, maintenance, and repair workers	49-9090	354.9	143.3	32.1	35.1	31.2	3.9	23.5	1.5

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Bus and truck mechanics and diesel engine specialists	—	0.8	1.2	—	10.5	—	1.2	17.7	7.3	60.5
Heavy vehicle and mobile equipment service technicians and mechanics	—	—	1.3	—	13.7	9.0	1.5	17.6	4.8	47.6
Farm equipment mechanics	—	—	5.5	—	30.2	29.0	—	43.8	11.8	48.3
Mobile heavy equipment mechanics, except engines	—	—	—	—	11.6	5.0	2.2	12.2	3.8	42.6
Rail car repairers	—	—	—	—	—	—	—	—	—	74.1
Small engine mechanics	—	—	—	—	4.5	—	—	29.9	—	—
Motorboat mechanics	—	—	—	—	—	—	—	—	—	—
Motorcycle mechanics	—	—	—	—	16.7	—	—	12.8	—	—
Outdoor power equipment and other small engine mechanics	—	—	—	—	—	—	—	—	—	—
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	5.3	2.2	1.9	—	2.9	—	—	21.2	8.2	45.8
Bicycle repairers	—	—	—	—	—	—	—	—	—	—
Recreational vehicle service technicians	—	—	—	—	—	—	—	—	—	—
Tire repairers and changers	6.5	—	—	—	1.9	—	—	26.2	10.1	56.0
Other installation, maintenance, and repair occupations	1.9	2.7	1.7	0.6	8.8	2.3	2.3	19.7	6.5	45.4
Control and valve installers and repairers	—	—	—	—	5.0	—	—	6.0	5.4	—
Mechanical door repairers	—	—	—	—	—	—	—	—	—	—
Control and valve installers and repairers, except mechanical door	—	—	—	—	—	—	—	7.2	6.3	—
Heating, air conditioning, and refrigeration mechanics and installers	7.3	2.8	3.1	—	5.4	2.0	1.6	20.5	7.0	43.0
Heating, air conditioning, and refrigeration mechanics and installers	7.3	2.8	3.1	—	5.4	2.0	1.6	20.5	7.0	43.0
Home appliance repairers	—	—	—	—	—	—	—	18.8	12.2	—
Home appliance repairers	—	—	—	—	—	—	—	18.8	12.2	—
Industrial machinery installation, repair, and maintenance workers	1.7	3.2	.8	.5	9.0	2.2	1.5	20.1	6.2	42.4
Industrial machinery mechanics	1.0	5.1	1.6	—	11.3	3.7	1.5	19.3	9.8	52.7
Maintenance and repair workers, general	2.0	2.8	.6	.6	8.6	1.6	1.5	21.5	5.8	41.1
Maintenance workers, machinery	—	—	—	—	6.1	2.6	—	12.3	—	25.5
Millwrights	—	4.0	—	—	10.6	7.6	—	7.4	—	34.8
Line installers and repairers	—	—	2.8	1.5	12.4	3.8	6.2	12.9	3.1	44.8
Electrical power-line installers and repairers	—	—	2.9	—	3.7	2.3	—	15.4	5.0	32.6
Telecommunications line installers and repairers	—	—	2.7	2.2	17.6	4.8	9.5	11.4	2.0	52.2
Precision instrument and equipment repairers	—	—	—	—	—	—	—	20.8	4.5	40.2
Medical equipment repairers	—	—	—	—	—	—	—	—	—	—
Musical instrument repairers and tuners	—	—	—	—	—	—	—	—	—	316.2
Miscellaneous installation, maintenance, and repair workers	1.5	3.5	4.6	—	9.3	1.6	4.3	25.3	10.2	74.7

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Coin, vending, and amusement machine servicers and repairers	49-9091	511.0	341.0	10.9	19.1	18.6	—	16.2	—
Locksmiths and safe repairers	49-9094	30.7	12.6	—	—	—	—	—	—
Manufactured building and mobile home installers	49-9095	118.3	27.4	—	—	—	—	—	—
Signal and track switch repairers	49-9097	188.6	89.0	32.0	30.2	26.7	—	—	—
Helpers--installation, maintenance, and repair workers	49-9098	124.8	35.7	22.9	14.8	13.5	—	4.3	—
Production occupations	51-0000	157.9	50.0	13.2	22.0	19.4	2.6	12.4	3.8
Supervisors, production workers	51-1000	77.4	24.0	7.1	10.2	9.5	.7	6.5	2.5
First-line supervisors/managers of production and operating workers	51-1010	77.4	24.0	7.1	10.2	9.5	.7	6.5	2.5
First-line supervisors/managers of production and operating workers	51-1011	77.4	24.0	7.1	10.2	9.5	.7	6.5	2.5
Assemblers and fabricators	51-2000	120.4	41.9	9.1	15.8	13.3	2.4	8.5	1.9
Aircraft structure, surfaces, rigging, and systems assemblers	51-2010	188.8	82.5	5.0	—	—	—	8.8	—
Aircraft structure, surfaces, rigging, and systems assemblers	51-2011	188.8	82.5	5.0	—	—	—	8.8	—
Electrical, electronics, and electromechanical assemblers	51-2020	50.8	19.0	6.2	3.5	3.2	—	3.2	—
Electromechanical equipment assemblers ..	51-2023	11.5	3.4	—	—	—	—	—	—
Engine and other machine assemblers	51-2030	149.4	53.3	10.3	24.1	23.4	—	9.5	—
Engine and other machine assemblers	51-2031	149.4	53.3	10.3	24.1	23.4	—	9.5	—
Structural metal fabricators and fitters	51-2040	7.5	—	—	2.3	2.3	—	—	—
Structural metal fabricators and fitters	51-2041	7.5	—	—	2.3	2.3	—	—	—
Miscellaneous assemblers and fabricators	51-2090	140.8	48.3	10.4	19.5	16.3	3.2	10.1	2.4
Fiberglass laminators and fabricators	51-2091	161.2	111.9	—	9.1	8.4	—	—	—
Team assemblers	51-2092	3.5	1.2	—	.3	.2	—	—	—
Timing device assemblers, adjusters, and calibrators	51-2093	233.7	171.3	—	—	—	—	—	—
Food processing workers	51-3000	122.5	32.8	8.2	27.5	26.3	1.2	8.3	4.2
Bakers	51-3010	125.6	34.6	9.3	15.9	15.7	—	14.1	8.3
Bakers	51-3011	125.6	34.6	9.3	15.9	15.7	—	14.1	8.3
Butchers and other meat, poultry, and fish processing workers	51-3020	119.7	31.1	4.3	36.0	34.5	1.5	5.7	2.1
Butchers and meat cutters	51-3021	234.2	62.2	6.3	87.4	86.1	1.4	7.0	5.9
Meat, poultry, and fish cutters and trimmers	51-3022	80.1	20.2	3.5	14.2	11.9	2.3	6.7	—
Slaughterers and meat packers	51-3023	37.4	8.9	3.0	6.1	5.8	—	2.3	—
Miscellaneous food processing workers	51-3090	127.4	36.1	18.0	14.7	13.4	—	10.1	6.0
Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091	159.6	56.3	12.3	23.7	12.5	—	31.8	—
Food batchmakers	51-3092	140.8	41.2	23.1	16.7	16.7	—	8.7	—
Food cooking machine operators and tenders	51-3093	79.6	14.6	7.8	5.5	5.5	—	—	18.8

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Coin, vending, and amusement machine servicers and repairers	-	-	-	-	-	-	-	30.1	4.8	88.8
Locksmiths and safe repairers	-	-	-	-	-	-	-	-	-	-
Manufactured building and mobile home installers	-	-	-	-	-	-	-	-	-	44.2
Signal and track switch repairers	-	-	-	-	-	-	-	-	-	-
Helpers--installation, maintenance, and repair workers	-	2.1	-	-	-	-	-	8.2	4.6	34.0
Production occupations	1.2	2.9	3.6	1.1	5.5	1.6	1.6	12.7	3.6	29.6
Supervisors, production workers .....	.6	2.3	.5	.4	3.8	1.8	1.1	4.3	1.3	15.1
First-line supervisors/managers of production and operating workers .....	.6	2.3	.5	.4	3.8	1.8	1.1	4.3	1.3	15.1
First-line supervisors/managers of production and operating workers .....	.6	2.3	.5	.4	3.8	1.8	1.1	4.3	1.3	15.1
Assemblers and fabricators .....	.4	1.3	4.7	1.3	3.9	1.0	1.4	10.3	3.3	21.4
Aircraft structure, surfaces, rigging, and systems assemblers	-	-	4.5	-	14.5	-	14.3	37.8	-	33.0
Aircraft structure, surfaces, rigging, and systems assemblers	-	-	4.5	-	14.5	-	14.3	37.8	-	33.0
Electrical, electronics, and electromechanical assemblers	-	-	3.6	.7	1.3	-	-	3.9	.8	8.7
Electromechanical equipment assemblers ..	-	-	-	-	-	-	-	-	-	-
Engine and other machine assemblers	-	-	6.8	-	7.1	-	-	4.4	-	31.5
Engine and other machine assemblers	-	-	6.8	-	7.1	-	-	4.4	-	31.5
Structural metal fabricators and fitters	-	-	-	-	-	-	-	-	-	-
Structural metal fabricators and fitters	-	-	-	-	-	-	-	-	-	-
Miscellaneous assemblers and fabricators .....	.5	1.7	5.3	1.6	4.3	1.2	1.3	11.7	3.8	24.9
Fiberglass laminators and fabricators	-	-	-	-	-	-	-	9.9	-	14.5
Team assemblers	-	-	.4	-	-	-	-	.3	-	.8
Timing device assemblers, adjusters, and calibrators	-	-	-	-	-	-	-	-	-	-
Food processing workers .....	.5	2.8	2.9	.7	2.0	.6	.8	12.8	3.7	19.8
Bakers	-	-	2.0	-	-	-	-	24.2	5.7	15.6
Bakers	-	-	2.0	-	-	-	-	24.2	5.7	15.6
Butchers and other meat, poultry, and fish processing workers	-	3.7	3.1	.8	1.3	-	.6	10.4	3.2	21.0
Butchers and meat cutters	-	9.0	4.0	-	2.3	-	-	15.5	6.6	33.7
Meat, poultry, and fish cutters and trimmers	-	1.1	3.9	-	-	-	-	9.2	1.3	19.1
Slaughterers and meat packers	-	-	-	-	-	-	-	5.7	1.8	7.8
Miscellaneous food processing workers	1.6	2.9	3.3	-	4.6	2.3	1.6	9.5	3.1	20.1
Food and tobacco roasting, baking, and drying machine operators and tenders	-	-	-	-	-	-	-	13.0	-	11.3
Food batchmakers	1.9	3.1	4.7	-	3.2	-	-	11.0	3.8	24.7
Food cooking machine operators and tenders	-	-	-	-	7.4	5.5	-	-	-	12.4

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Metal workers and plastic workers	51-4000	167.3	47.1	16.8	22.7	20.4	2.3	11.8	5.5
Computer control programmers and operators	51-4010	27.3	8.3	1.3	3.5	3.4	—	2.5	—
Computer-controlled machine tool operators, metal and plastic	51-4011	29.7	9.2	1.5	4.0	3.8	—	2.6	—
Forming machine setters, operators, and tenders, metal and plastic	51-4020	77.1	23.6	7.6	14.5	13.1	1.3	5.2	2.3
Rolling machine setters, operators, and tenders, metal and plastic	51-4023	138.8	52.9	11.2	19.2	16.5	—	5.5	—
Machine tool cutting setters, operators, and tenders, metal and plastic	51-4030	113.7	30.1	9.4	18.0	16.6	1.4	11.1	3.0
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031	106.3	32.1	9.4	18.1	16.8	1.3	10.9	2.1
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	51-4032	69.4	14.5	5.6	5.6	5.6	—	21.4	—
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	51-4034	53.7	15.4	4.5	14.2	13.1	—	—	—
Machinists	51-4040	110.5	27.7	12.1	24.7	21.1	3.6	6.3	—
Machinists	51-4041	110.5	27.7	12.1	24.7	21.1	3.6	6.3	—
Metal furnace and kiln operators and tenders	51-4050	212.2	75.1	15.1	12.5	12.5	—	5.1	32.2
Metal-refining furnace operators and tenders	51-4051	307.7	108.1	20.8	18.3	18.3	—	—	41.4
Pourers and casters, metal	51-4052	92.2	33.6	—	—	—	—	—	20.6
Model makers and patternmakers, metal and plastic	51-4060	35.9	13.5	—	10.8	10.8	—	—	—
Model makers, metal and plastic	51-4061	42.6	18.7	—	—	—	—	—	—
Patternmakers, metal and plastic	51-4062	26.0	—	—	—	—	—	—	—
Molders and molding machine setters, operators, and tenders, metal and plastic	51-4070	111.6	36.4	9.4	9.3	8.8	—	9.5	10.8
Multiple machine tool setters, operators, and tenders, metal and plastic	51-4080	23.9	10.7	—	—	—	—	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic	51-4081	23.9	10.7	—	—	—	—	—	—
Tool and die makers	51-4110	73.1	21.5	6.1	15.5	15.3	—	4.6	—
Tool and die makers	51-4111	73.1	21.5	6.1	15.5	15.3	—	4.6	—
Welding, soldering, and brazing workers	51-4120	270.3	68.5	35.5	27.3	24.5	2.8	17.4	11.7
Welders, cutters, solderers, and brazers	51-4121	292.1	72.5	38.9	28.9	25.8	3.1	18.3	12.5
Welding, soldering, and brazing machine setters, operators, and tenders	51-4122	106.8	38.3	9.9	15.6	15.2	—	10.7	5.6
Miscellaneous metalworkers and plastic workers	51-4190	769.1	246.4	57.1	100.8	91.0	9.8	56.1	15.9
Heat treating equipment setters, operators, and tenders, metal and plastic	51-4191	119.6	61.7	8.7	7.4	—	—	—	—
Lay-out workers, metal and plastic	51-4192	851.5	339.6	93.1	70.9	57.1	—	107.0	—
Tool grinders, filers, and sharpeners	51-4194	101.0	61.1	—	14.6	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Metal workers and plastic workers	0.6	3.0	3.6	0.6	6.1	1.9	1.5	10.8	3.1	38.7
Computer control programmers and operators	—	—	—	—	—	—	—	5.2	4.2	4.7
Computer-controlled machine tool operators, metal and plastic	—	—	—	—	—	—	—	5.9	4.7	4.7
Forming machine setters, operators, and tenders, metal and plastic	—	—	1.7	—	4.3	—	—	4.3	1.2	12.3
Rolling machine setters, operators, and tenders, metal and plastic	—	—	6.2	—	6.3	—	—	9.5	—	23.6
Machine tool cutting setters, operators, and tenders, metal and plastic .....	.6	4.6	3.3	.7	4.9	1.8	.5	5.7	1.9	22.2
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	—	3.8	2.5	—	5.3	2.2	.8	6.2	1.7	15.2
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	—	—	—	—	—	—	—	—	—	15.5
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	—	—	—	—	—	—	—	4.4	—	9.5
Machinists .....	.6	3.3	1.5	—	3.7	1.5	—	5.7	1.3	24.6
Machinists .....	.6	3.3	1.5	—	3.7	1.5	—	5.7	1.3	24.6
Metal furnace and kiln operators and tenders	—	5.2	—	—	13.4	7.4	—	25.6	—	24.1
Metal-refining furnace operators and tenders	—	8.6	—	—	18.7	13.3	—	43.2	—	36.9
Pourers and casters, metal	—	—	—	—	—	—	—	—	—	—
Model makers and patternmakers, metal and plastic	—	—	—	—	—	—	—	—	—	—
Model makers, metal and plastic	—	—	—	—	—	—	—	—	—	—
Patternmakers, metal and plastic	—	—	—	—	—	—	—	—	—	—
Molders and molding machine setters, operators, and tenders, metal and plastic	—	1.9	1.5	—	7.5	1.2	5.9	8.2	1.9	16.2
Multiple machine tool setters, operators, and tenders, metal and plastic	—	—	—	—	—	—	—	2.3	—	5.1
Multiple machine tool setters, operators, and tenders, metal and plastic	—	—	—	—	—	—	—	2.3	—	5.1
Tool and die makers	—	2.6	—	—	—	—	—	2.1	—	17.1
Tool and die makers	—	2.6	—	—	—	—	—	2.1	—	17.1
Welding, soldering, and brazing workers .....	.8	1.4	4.6	.5	8.0	1.9	2.4	14.4	3.9	80.3
Welders, cutters, solderers, and brazers .....	.9	1.6	4.5	.6	9.0	2.1	2.7	15.9	4.0	88.5
Welding, soldering, and brazing machine setters, operators, and tenders	—	—	4.7	—	—	—	—	—	—	18.5
Miscellaneous metalworkers and plastic workers	3.1	12.6	23.3	4.1	26.1	9.0	5.8	64.9	19.1	158.7
Heat treating equipment setters, operators, and tenders, metal and plastic	—	—	—	—	—	—	—	—	—	26.2
Lay-out workers, metal and plastic	—	—	31.2	—	—	—	—	96.6	76.1	84.1
Tool grinders, filers, and sharpeners	—	—	—	—	—	—	—	—	—	14.3

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Printing workers	51-5000	105.4	35.2	6.7	15.0	14.7	—	6.6	1.6
Bookbinders and bindery workers	51-5010	106.9	32.5	3.8	9.4	8.9	—	7.0	—
Bindery workers	51-5011	106.8	34.0	3.4	9.0	8.4	—	7.4	—
Bookbinders	51-5012	107.2	—	—	—	—	—	—	—
Printers	51-5020	105.0	35.9	7.4	16.3	16.1	—	6.5	1.5
Job printers	51-5021	38.6	—	—	14.1	14.1	—	—	—
Prepress technicians and workers	51-5022	71.6	30.0	3.4	16.6	16.6	—	5.9	—
Printing machine operators	51-5023	129.3	44.6	10.1	16.7	16.4	—	8.0	2.2
Textile, apparel, and furnishings workers	51-6000	108.0	41.4	4.6	10.4	5.9	4.5	6.7	6.6
Laundry and dry-cleaning workers	51-6010	179.2	83.2	5.8	6.0	4.5	1.5	12.2	18.8
Laundry and dry-cleaning workers	51-6011	179.2	83.2	5.8	6.0	4.5	1.5	12.2	18.8
Pressers, textile, garment, and related materials	51-6020	32.7	6.9	—	—	—	—	—	8.3
Pressers, textile, garment, and related materials	51-6021	32.7	6.9	—	—	—	—	—	8.3
Sewing machine operators	51-6030	74.9	19.2	4.9	16.5	10.1	6.4	3.8	—
Sewing machine operators	51-6031	74.9	19.2	4.9	16.5	10.1	6.4	3.8	—
Shoe and leather workers	51-6040	98.7	19.7	—	—	—	—	—	—
Shoe and leather workers and repairers	51-6041	52.0	—	—	—	—	—	—	—
Shoe machine operators and tenders	51-6042	187.1	49.9	—	—	—	—	—	—
Tailors, dressmakers, and sewers	51-6050	163.1	49.9	—	37.3	—	33.9	—	—
Tailors, dressmakers, and custom sewers ..	51-6052	196.2	60.4	—	44.8	—	40.7	—	—
Textile machine setters, operators, and tenders	51-6060	51.1	13.0	4.0	5.5	4.5	—	5.2	—
Textile bleaching and dyeing machine operators and tenders	51-6061	36.3	—	—	—	—	—	—	—
Textile cutting machine setters, operators, and tenders	51-6062	40.2	11.5	—	—	—	—	—	—
Textile knitting and weaving machine setters, operators, and tenders	51-6063	82.1	18.4	7.7	8.9	8.3	—	9.0	—
Textile winding, twisting, and drawing out machine setters, operators, and tenders ...	51-6064	38.4	11.2	—	—	—	—	5.0	—
Miscellaneous textile, apparel, and furnishings workers	51-6090	115.6	50.8	6.2	9.3	5.3	3.9	7.7	—
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	51-6091	40.1	18.1	—	—	—	—	—	—
Upholsterers	51-6093	92.6	52.1	5.6	—	—	—	—	—
Woodworkers	51-7000	132.7	31.6	6.6	46.3	43.6	2.7	9.0	—
Cabinetmakers and bench carpenters	51-7010	73.4	10.2	3.4	43.8	43.5	—	—	—
Cabinetmakers and bench carpenters	51-7011	73.4	10.2	3.4	43.8	43.5	—	—	—
Furniture finishers	51-7020	63.4	15.2	—	9.9	—	—	—	—
Furniture finishers	51-7021	63.4	15.2	—	9.9	—	—	—	—
Model makers and patternmakers, wood	51-7030	609.2	—	—	—	—	—	—	—
Patternmakers, wood	51-7032	1,092.1	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Printing workers	0.5	1.9	1.9	—	7.1	2.3	1.2	9.3	2.0	19.0
Bookbinders and bindery workers	—	—	3.3	—	16.0	—	—	9.5	—	20.9
Bindery workers	—	—	—	—	17.6	—	—	9.4	—	19.9
Bookbinders	—	—	—	—	—	—	—	—	—	31.4
Printers .....	.6	2.1	1.6	—	5.0	2.1	1.4	9.2	2.2	18.5
Job printers	—	—	—	—	—	—	—	—	—	16.6
Prepress technicians and workers	—	—	—	—	—	—	—	—	—	11.9
Printing machine operators .....	.9	3.1	1.8	—	7.0	3.1	1.9	13.4	3.4	20.9
Textile, apparel, and furnishings workers .....	.4	.7	3.7	2.3	1.9	—	.8	10.2	1.6	19.1
Laundry and dry-cleaning workers	—	—	2.3	3.6	3.9	—	.9	16.3	3.2	26.4
Laundry and dry-cleaning workers	—	—	2.3	3.6	3.9	—	.9	16.3	3.2	26.4
Pressers, textile, garment, and related materials	—	—	—	—	—	—	—	8.0	—	—
Pressers, textile, garment, and related materials	—	—	—	—	—	—	—	8.0	—	—
Sewing machine operators	—	—	5.2	2.2	—	—	—	10.3	1.4	11.8
Sewing machine operators	—	—	5.2	2.2	—	—	—	10.3	1.4	11.8
Shoe and leather workers	—	—	15.2	—	—	—	—	—	—	22.3
Shoe and leather workers and repairers	—	—	—	—	—	—	—	—	—	—
Shoe machine operators and tenders	—	—	—	—	—	—	—	—	—	—
Tailors, dressmakers, and sewers	—	—	6.0	—	—	—	—	8.5	—	51.1
Tailors, dressmakers, and custom sewers ..	—	—	—	—	—	—	—	10.4	—	62.4
Textile machine setters, operators, and tenders	—	1.9	2.4	—	—	—	—	—	—	14.9
Textile bleaching and dyeing machine operators and tenders	—	—	—	—	—	—	—	—	—	—
Textile cutting machine setters, operators, and tenders	—	—	—	—	—	—	—	—	—	10.1
Textile knitting and weaving machine setters, operators, and tenders	—	—	—	—	—	—	—	—	—	33.4
Textile winding, twisting, and drawing out machine setters, operators, and tenders ...	—	—	—	—	—	—	—	—	—	6.5
Miscellaneous textile, apparel, and furnishings workers	—	—	5.2	—	—	—	—	9.3	—	21.9
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	—	—	—	—	—	—	—	—	—	—
Upholsterers	—	—	9.0	—	—	—	—	—	—	18.1
Woodworkers	—	3.4	1.7	—	2.0	1.1	—	9.4	1.4	21.8
Cabinetmakers and bench carpenters	—	—	—	—	—	—	—	4.8	—	7.8
Cabinetmakers and bench carpenters	—	—	—	—	—	—	—	4.8	—	7.8
Furniture finishers	—	—	—	—	—	—	—	16.4	—	13.0
Furniture finishers	—	—	—	—	—	—	—	16.4	—	13.0
Model makers and patternmakers, wood	—	—	—	—	—	—	—	—	—	—
Patternmakers, wood	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Woodworking machine setters, operators, and tenders	51-7040	148.9	42.7	10.3	31.9	28.5	3.5	12.2	—
Sawing machine setters, operators, and tenders, wood	51-7041	226.8	75.4	11.2	53.4	49.4	4.0	21.3	—
Woodworking machine setters, operators, and tenders, except sawing	51-7042	103.6	23.7	9.7	19.4	16.3	3.2	6.9	—
Plant and system operators	51-8000	76.4	23.6	6.0	8.7	7.6	1.1	5.6	4.0
Power plant operators, distributors, and dispatchers	51-8010	36.7	14.7	6.8	—	—	—	—	—
Power plant operators	51-8013	47.3	18.5	9.9	—	—	—	—	—
Stationary engineers and boiler operators	51-8020	228.5	52.0	7.6	48.2	47.1	—	22.9	11.4
Stationary engineers and boiler operators ..	51-8021	228.5	52.0	7.6	48.2	47.1	—	22.9	11.4
Water and liquid waste treatment plant and system operators	51-8030	142.0	52.6	—	13.8	—	7.9	11.3	—
Water and liquid waste treatment plant and system operators	51-8031	142.0	52.6	—	13.8	—	7.9	11.3	—
Miscellaneous plant and system operators	51-8090	47.5	15.9	5.3	2.6	2.3	—	2.1	3.4
Chemical plant and system operators	51-8091	13.3	5.9	—	—	—	—	—	—
Petroleum pump system operators, refinery operators, and gaugers	51-8093	7.5	—	—	—	—	—	—	—
Other production occupations	51-9000	234.6	77.2	20.0	29.8	26.0	3.8	21.3	3.8
Chemical processing machine setters, operators, and tenders	51-9010	47.5	17.5	4.4	2.2	1.7	—	3.1	2.9
Chemical equipment operators and tenders	51-9011	38.1	11.1	—	—	—	—	3.0	—
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	51-9012	59.5	25.8	6.9	—	—	—	—	4.6
Crushing, grinding, polishing, mixing, and blending workers	51-9020	94.9	33.3	8.3	10.6	10.1	—	6.6	1.6
Crushing, grinding, and polishing machine setters, operators, and tenders	51-9021	254.8	88.2	28.9	20.9	18.5	—	20.9	—
Grinding and polishing workers, hand	51-9022	47.7	10.4	—	9.1	9.1	—	5.8	—
Mixing and blending machine setters, operators, and tenders	51-9023	61.9	23.9	4.1	8.0	8.0	—	2.7	1.7
Cutting workers	51-9030	181.5	37.3	10.8	63.8	59.2	4.6	18.1	—
Cutters and trimmers, hand	51-9031	175.2	17.4	—	99.8	96.6	—	—	—
Cutting and slicing machine setters, operators, and tenders	51-9032	183.6	43.8	13.3	52.1	47.1	5.0	23.4	—
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9040	125.5	33.8	22.8	9.7	8.4	—	13.7	—
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041	125.5	33.8	22.8	9.7	8.4	—	13.7	—
Furnace, kiln, oven, drier, and kettle operators and tenders	51-9050	111.2	44.7	13.0	—	—	—	10.6	8.0

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Woodworking machine setters, operators, and tenders	—	3.8	2.5	—	3.1	1.6	—	11.7	2.6	29.2
Sawing machine setters, operators, and tenders, wood	—	6.3	—	—	4.9	3.8	—	11.8	—	38.1
Woodworking machine setters, operators, and tenders, except sawing	—	2.4	2.5	—	2.1	—	—	11.6	2.4	24.1
Plant and system operators	3.3	—	—	—	4.9	1.6	1.7	3.3	—	16.1
Power plant operators, distributors, and dispatchers	—	—	—	—	—	—	—	—	—	—
Power plant operators	—	—	—	—	—	—	—	—	—	—
Stationary engineers and boiler operators	6.7	—	—	—	12.5	—	—	—	—	60.1
Stationary engineers and boiler operators ..	6.7	—	—	—	12.5	—	—	—	—	60.1
Water and liquid waste treatment plant and system operators	11.1	—	—	—	—	—	—	—	—	30.7
Water and liquid waste treatment plant and system operators	11.1	—	—	—	—	—	—	—	—	30.7
Miscellaneous plant and system operators	2.3	—	—	—	3.5	—	1.8	2.6	—	9.3
Chemical plant and system operators	—	—	—	—	—	—	—	—	—	—
Petroleum pump system operators, refinery operators, and gaugers	—	—	—	—	—	—	—	—	—	—
Other production occupations	2.9	4.8	4.4	1.7	8.7	2.3	2.5	20.3	6.1	39.9
Chemical processing machine setters, operators, and tenders	7.1	—	—	—	—	—	—	—	—	7.2
Chemical equipment operators and tenders	9.6	—	—	—	—	—	—	—	—	7.8
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	3.9	—	—	—	—	—	—	—	—	6.4
Crushing, grinding, polishing, mixing, and blending workers	5.2	2.0	1.0	1.9	2.4	—	.7	6.4	1.2	15.8
Crushing, grinding, and polishing machine setters, operators, and tenders	—	—	—	—	7.9	—	—	11.9	—	59.8
Grinding and polishing workers, hand	—	—	—	—	—	—	—	10.8	—	5.9
Mixing and blending machine setters, operators, and tenders	7.9	2.1	—	—	1.5	—	—	3.6	—	5.8
Cutting workers	—	3.5	3.4	—	5.0	1.9	—	19.2	5.3	18.5
Cutters and trimmers, hand	—	—	—	—	—	—	—	29.5	—	8.3
Cutting and slicing machine setters, operators, and tenders	—	3.6	3.9	—	4.8	—	—	15.9	6.7	21.8
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	—	9.6	—	—	4.6	3.1	—	8.9	2.6	18.6
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	—	9.6	—	—	4.6	3.1	—	8.9	2.6	18.6
Furnace, kiln, oven, drier, and kettle operators and tenders	—	—	—	—	—	—	—	—	—	13.8

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051	111.2	44.7	13.0	—	—	—	10.6	8.0
Inspectors, testers, sorters, samplers, and weighers	51-9060	131.4	44.9	16.1	9.0	7.9	1.1	10.4	1.6
Inspectors, testers, sorters, samplers, and weighers	51-9061	131.4	44.9	16.1	9.0	7.9	1.1	10.4	1.6
Jewelers and precious stone and metal workers	51-9070	12.2	—	—	—	—	—	—	—
Jewelers and precious stone and metal workers	51-9071	12.2	—	—	—	—	—	—	—
Medical, dental, and ophthalmic laboratory technicians	51-9080	37.1	10.8	—	4.7	3.9	—	3.0	—
Dental laboratory technicians	51-9081	29.5	—	—	7.1	5.6	—	—	—
Medical appliance technicians	51-9082	34.6	—	—	—	—	—	—	—
Ophthalmic laboratory technicians	51-9083	47.7	22.5	—	—	—	—	6.4	—
Packaging and filling machine operators and tenders	51-9110	116.4	42.5	8.7	12.0	10.9	1.1	8.9	2.0
Painting workers	51-9120	128.0	54.2	8.2	8.2	7.5	—	12.9	3.1
Coating, painting, and spraying machine setters, operators, and tenders	51-9121	73.0	29.7	3.0	5.6	5.4	—	13.2	—
Painters, transportation equipment	51-9122	49.7	23.6	7.1	6.4	6.4	—	—	—
Painting, coating, and decorating workers ..	51-9123	437.5	185.5	27.4	20.0	16.4	—	28.7	14.0
Photographic process workers and processing machine operators	51-9130	69.5	12.1	—	6.2	6.2	—	5.4	—
Photographic process workers	51-9131	208.5	37.1	—	—	—	—	10.0	—
Photographic processing machine operators	51-9132	11.0	—	—	5.4	5.4	—	—	—
Semiconductor processors	51-9140	16.1	—	—	—	—	—	—	—
Semiconductor processors	51-9141	16.1	—	—	—	—	—	—	—
Miscellaneous production workers	51-9190	462.4	150.2	37.8	62.7	53.9	8.7	43.3	7.6
Cementing and gluing machine operators and tenders	51-9191	117.8	45.7	—	13.8	13.2	—	9.1	—
Cleaning, washing, and metal pickling equipment operators and tenders	51-9192	109.7	35.4	—	15.4	14.0	—	—	—
Etchers and engravers	51-9194	132.8	28.8	25.1	34.5	32.7	—	—	—
Molders, shapers, and casters, except metal and plastic	51-9195	127.5	34.2	4.7	11.1	11.1	—	6.5	—
Paper goods machine setters, operators, and tenders	51-9196	38.5	14.1	2.2	4.4	3.8	—	3.8	—
Tire builders	51-9197	120.4	47.2	—	7.8	—	—	—	—
Helpers--production workers	51-9198	70.5	19.8	4.1	13.1	12.0	1.2	8.6	.8
Transportation and material moving occupations	53-0000	278.4	115.9	22.7	19.7	18.0	1.8	26.8	2.3
Supervisors, transportation and material moving workers	53-1000	110.5	47.1	9.3	5.5	4.1	1.4	12.6	—
Aircraft cargo handling supervisors	53-1010	133.6	54.1	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									All other natures ⁶
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Furnace, kiln, oven, drier, and kettle operators and tenders	—	—	—	—	—	—	—	—	—	13.8
Inspectors, testers, sorters, samplers, and weighers	0.5	1.9	4.0	0.8	6.4	1.1	1.8	11.2	2.5	24.6
Inspectors, testers, sorters, samplers, and weighers .....	.5	1.9	4.0	.8	6.4	1.1	1.8	11.2	2.5	24.6
Jewelers and precious stone and metal workers	—	—	—	—	—	—	—	—	—	—
Jewelers and precious stone and metal workers	—	—	—	—	—	—	—	—	—	—
Medical, dental, and ophthalmic laboratory technicians	—	—	—	—	—	—	—	4.5	—	11.8
Dental laboratory technicians	—	—	—	—	—	—	—	—	—	15.8
Medical appliance technicians	—	—	—	—	—	—	—	—	—	—
Ophthalmic laboratory technicians	—	—	—	—	—	—	—	—	—	10.3
Packaging and filling machine operators and tenders	1.0	1.7	3.0	1.3	7.3	2.4	3.3	8.7	3.0	19.3
Painting workers	3.5	—	1.8	—	4.6	2.3	1.5	6.6	1.5	24.5
Coating, painting, and spraying machine setters, operators, and tenders	—	—	—	—	3.1	—	1.6	5.7	—	9.6
Painters, transportation equipment	—	—	—	—	—	—	—	3.4	—	5.6
Painting, coating, and decorating workers ..	17.9	—	6.9	—	17.0	12.2	—	15.1	—	104.6
Photographic process workers and processing machine operators	—	—	—	—	8.0	—	—	—	—	20.0
Photographic process workers	—	—	—	—	27.1	—	—	—	—	67.6
Photographic processing machine operators	—	—	—	—	—	—	—	—	—	—
Semiconductor processors	—	—	—	—	—	—	—	—	—	—
Semiconductor processors	—	—	—	—	—	—	—	—	—	—
Miscellaneous production workers	4.8	9.2	7.9	3.2	15.5	4.0	4.0	42.2	13.5	77.8
Cementing and gluing machine operators and tenders	—	—	—	—	—	—	—	20.8	—	18.5
Cleaning, washing, and metal pickling equipment operators and tenders	—	—	—	—	—	—	—	12.2	—	27.5
Etchers and engravers	—	—	—	—	—	—	—	—	—	27.4
Molders, shapers, and casters, except metal and plastic	—	11.9	—	—	—	—	—	10.4	—	41.3
Paper goods machine setters, operators, and tenders	—	—	—	—	—	—	—	2.2	—	9.6
Tire builders	—	—	8.3	—	—	—	—	10.4	—	28.1
Helpers—production workers	—	1.3	—	.5	3.2	.8	.5	4.7	2.8	14.1
Transportation and material moving occupations	1.5	1.0	1.0	.8	12.1	2.9	4.3	31.6	11.0	42.9
Supervisors, transportation and material moving workers	—	.5	.5	—	2.7	.6	.9	12.3	4.9	19.7
Aircraft cargo handling supervisors	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Aircraft cargo handling supervisors	53-1011	133.6	54.1	—	—	—	—	—	—
First-line supervisors/managers of helpers, laborers, and material movers, hand	53-1020	163.2	68.4	14.3	8.8	6.5	2.3	19.8	—
First-line supervisors/managers of helpers, laborers, and material movers, hand	53-1021	163.2	68.4	14.3	8.8	6.5	2.3	19.8	—
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	53-1030	58.7	26.2	4.6	2.5	1.9	—	5.6	—
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	53-1031	58.7	26.2	4.6	2.5	1.9	—	5.6	—
Air transportation workers	53-2000	81.5	33.1	9.5	—	—	—	3.6	—
Aircraft pilots and flight engineers	53-2010	82.8	32.3	9.9	—	—	—	3.7	—
Airline pilots, copilots, and flight engineers	53-2011	99.4	39.5	13.1	—	—	—	4.2	—
Commercial pilots	53-2012	41.9	14.4	—	—	—	—	—	—
Air traffic controllers and airfield operations specialists	53-2020	64.9	42.7	—	—	—	—	—	—
Airfield operations specialists	53-2022	95.7	62.9	—	—	—	—	—	—
Motor vehicle operators	53-3000	319.9	143.3	26.4	14.7	14.2	.5	26.6	2.6
Ambulance drivers and attendants, except emergency medical technicians	53-3010	125.5	92.6	17.0	—	—	—	—	—
Ambulance drivers and attendants, except emergency medical technicians	53-3011	125.5	92.6	17.0	—	—	—	—	—
Bus drivers	53-3020	246.0	117.6	11.3	3.1	3.0	—	16.7	2.0
Bus drivers, transit and intercity	53-3021	471.9	251.7	16.1	5.8	5.6	—	38.3	3.1
Bus drivers, school	53-3022	149.9	60.5	9.2	2.0	2.0	—	7.5	—
Driver/sales workers and truck drivers	53-3030	329.4	146.5	28.4	15.5	15.0	.5	27.8	2.8
Driver/sales workers	53-3031	198.8	106.5	11.6	5.3	5.1	—	11.1	.5
Truck drivers, heavy and tractor-trailer	53-3032	362.0	157.5	36.7	18.1	17.4	.7	33.0	4.4
Truck drivers, light or delivery services	53-3033	323.8	142.8	20.3	15.1	14.7	.4	25.2	.8
Taxi drivers and chauffeurs	53-3040	251.8	131.5	9.5	15.2	15.1	—	19.2	—
Taxi drivers and chauffeurs	53-3041	251.8	131.5	9.5	15.2	15.1	—	19.2	—
Rail transportation workers	53-4000	150.1	85.0	14.1	9.0	8.7	—	22.1	—
Locomotive engineers and operators	53-4010	88.1	53.2	6.8	4.4	4.4	—	12.0	—
Locomotive engineers	53-4011	79.5	50.3	6.0	—	—	—	9.9	—
Rail yard engineers, dinkey operators, and hostlers	53-4013	167.6	83.0	—	—	—	—	29.6	—
Railroad brake, signal, and switch operators ..	53-4020	121.7	68.9	13.1	5.8	5.4	—	16.2	—
Railroad conductors and yardmasters	53-4030	248.2	145.9	19.5	12.6	11.8	—	41.8	—
Subway and streetcar operators	53-4040	1,439.4	—	—	—	—	—	—	—
Subway and streetcar operators	53-4041	1,439.4	—	—	—	—	—	—	—
Water transportation workers	53-5000	128.5	43.1	19.5	4.1	3.0	—	13.1	—
Sailors and marine oilers	53-5010	246.9	84.3	36.0	7.4	5.7	—	32.2	—
Sailors and marine oilers	53-5011	246.9	84.3	36.0	7.4	5.7	—	32.2	—
Ship and boat captains and operators	53-5020	63.7	18.7	11.6	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									All other natures ⁶
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Aircraft cargo handling supervisors	-	-	-	-	-	-	-	-	-	-
First-line supervisors/managers of helpers, laborers, and material movers, hand	-	1.1	1.1	-	3.3	1.1	1.1	16.6	6.4	29.4
First-line supervisors/managers of helpers, laborers, and material movers, hand	-	1.1	1.1	-	3.3	1.1	1.1	16.6	6.4	29.4
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	-	-	-	-	1.5	-	-	8.0	3.5	10.1
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	-	-	-	-	1.5	-	-	8.0	3.5	10.1
Air transportation workers	-	-	-	-	4.7	-	-	23.3	9.3	6.8
Aircraft pilots and flight engineers	-	-	-	-	4.8	-	-	24.7	10.0	6.9
Airline pilots, copilots, and flight engineers	-	-	-	-	6.4	-	-	29.0	13.3	7.1
Commercial pilots	-	-	-	-	-	-	-	14.2	-	6.5
Air traffic controllers and airfield operations specialists	-	-	-	-	-	-	-	-	-	-
Airfield operations specialists	-	-	-	-	-	-	-	-	-	-
Motor vehicle operators	1.1	.8	.4	0.8	17.7	4.1	7.0	39.8	14.2	45.7
Ambulance drivers and attendants, except emergency medical technicians	-	-	-	-	-	-	-	-	-	-
Ambulance drivers and attendants, except emergency medical technicians	-	-	-	-	-	-	-	-	-	-
Bus drivers	-	-	-	-	11.8	1.1	3.9	24.0	8.9	58.5
Bus drivers, transit and intercity	-	-	-	-	21.3	-	7.1	41.8	17.0	91.2
Bus drivers, school	-	-	-	-	7.8	1.3	2.5	16.3	5.5	44.5
Driver/sales workers and truck drivers	1.1	.8	.4	.9	18.3	4.5	7.2	41.3	14.8	45.5
Driver/sales workers .....	.6	-	-	-	6.4	1.8	2.1	23.3	7.2	32.7
Truck drivers, heavy and tractor-trailer	1.7	1.2	.4	1.1	22.6	6.8	9.3	38.6	14.5	46.6
Truck drivers, light or delivery services	-	.2	.5	.8	15.4	1.5	5.7	53.7	18.5	48.9
Taxi drivers and chauffeurs	-	-	-	-	13.6	-	4.6	31.1	13.6	31.4
Taxi drivers and chauffeurs	-	-	-	-	13.6	-	4.6	31.1	13.6	31.4
Rail transportation workers	-	-	-	-	-	-	-	-	-	17.4
Locomotive engineers and operators	-	-	-	-	-	-	-	-	-	10.5
Locomotive engineers	-	-	-	-	-	-	-	-	-	9.6
Rail yard engineers, dinkey operators, and hostlers	-	-	-	-	-	-	-	-	-	-
Railroad brake, signal, and switch operators ..	-	-	-	-	-	-	-	-	-	13.1
Railroad conductors and yardmasters	-	-	-	-	-	-	-	-	-	26.7
Subway and streetcar operators	-	-	-	-	-	-	-	-	-	-
Subway and streetcar operators	-	-	-	-	-	-	-	-	-	-
Water transportation workers	-	-	-	-	5.0	-	-	10.5	3.9	31.2
Sailors and marine oilers	-	-	-	-	10.7	-	-	20.2	9.2	51.5
Sailors and marine oilers	-	-	-	-	10.7	-	-	20.2	9.2	51.5
Ship and boat captains and operators	-	-	-	-	-	-	-	5.0	-	22.2

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Captains, mates, and pilots of water vessels	53-5021	69.5	20.5	12.8	—	—	—	—	—
Ship engineers	53-5030	61.8	26.5	—	—	—	—	—	—
Ship engineers	53-5031	61.8	26.5	—	—	—	—	—	—
Other transportation workers	53-6000	222.1	139.3	7.6	14.0	13.5	—	20.8	—
Parking lot attendants	53-6020	92.0	37.3	8.4	3.1	2.9	—	9.6	—
Parking lot attendants	53-6021	92.0	37.3	8.4	3.1	2.9	—	9.6	—
Service station attendants	53-6030	71.9	35.3	2.5	8.8	8.8	—	—	—
Service station attendants	53-6031	71.9	35.3	2.5	8.8	8.8	—	—	—
Transportation inspectors	53-6050	97.7	55.8	—	—	—	—	—	—
Transportation inspectors	53-6051	97.7	55.8	—	—	—	—	—	—
Material moving workers	53-7000	274.7	102.2	22.5	27.0	23.9	3.1	29.8	2.5
Conveyor operators and tenders	53-7010	55.3	18.8	10.5	4.2	4.0	—	4.9	—
Conveyor operators and tenders	53-7011	55.3	18.8	10.5	4.2	4.0	—	4.9	—
Crane and tower operators	53-7020	113.4	38.2	16.5	3.7	3.5	—	25.3	—
Crane and tower operators	53-7021	113.4	38.2	16.5	3.7	3.5	—	25.3	—
Dredge, excavating, and loading machine operators	53-7030	152.3	44.7	10.2	—	—	—	24.8	—
Excavating and loading machine and dragline operators	53-7032	163.1	47.1	10.6	—	—	—	26.9	—
Hoist and winch operators	53-7040	1,482.0	196.5	436.2	79.9	—	—	437.1	—
Hoist and winch operators	53-7041	1,482.0	196.5	436.2	79.9	—	—	437.1	—
Industrial truck and tractor operators	53-7050	107.3	41.6	9.4	8.9	8.2	.7	10.5	—
Industrial truck and tractor operators	53-7051	107.3	41.6	9.4	8.9	8.2	.7	10.5	—
Laborers and material movers, hand	53-7060	314.8	117.5	25.3	32.0	28.2	3.8	33.9	2.9
Cleaners of vehicles and equipment	53-7061	153.8	46.5	10.0	13.3	12.5	.9	14.2	3.5
Laborers and freight, stock, and material movers, hand	53-7062	440.3	166.1	35.7	45.3	39.9	5.4	48.2	3.7
Machine feeders and offbearers	53-7063	133.7	42.8	13.2	17.2	15.4	1.8	10.9	3.8
Packers and packagers, hand	53-7064	62.6	24.3	4.6	5.2	4.5	.7	6.0	.4
Pumping station operators	53-7070	59.3	29.6	—	9.2	9.2	—	—	—
Pump operators, except wellhead pumpers	53-7072	152.3	91.1	—	—	—	—	—	—
Wellhead pumpers	53-7073	22.1	—	—	—	—	—	—	—
Refuse and recyclable material collectors	53-7080	153.1	58.0	17.3	23.3	21.2	—	15.8	—
Refuse and recyclable material collectors	53-7081	153.1	58.0	17.3	23.3	21.2	—	15.8	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Captains, mates, and pilots of water vessels	—	—	—	—	—	—	—	5.5	—	24.0
Ship engineers	—	—	—	—	—	—	—	—	—	13.0
Ship engineers	—	—	—	—	—	—	—	—	—	13.0
Other transportation workers	0.8	—	—	—	9.3	2.6	2.0	15.1	2.7	14.5
Parking lot attendants	—	—	—	—	10.4	2.9	2.0	12.5	1.6	9.6
Parking lot attendants	—	—	—	—	10.4	2.9	2.0	12.5	1.6	9.6
Service station attendants	—	—	—	—	8.9	—	—	5.4	—	7.4
Service station attendants	—	—	—	—	8.9	—	—	5.4	—	7.4
Transportation inspectors	—	—	—	—	—	—	—	—	—	—
Transportation inspectors	—	—	—	—	—	—	—	—	—	—
Material moving workers	2.1	1.5	1.8	1.0	9.0	2.3	2.8	28.9	9.8	46.4
Conveyor operators and tenders	—	—	—	—	—	—	—	—	—	13.2
Conveyor operators and tenders	—	—	—	—	—	—	—	—	—	13.2
Crane and tower operators	—	—	—	—	—	—	—	7.6	—	14.7
Crane and tower operators	—	—	—	—	—	—	—	7.6	—	14.7
Dredge, excavating, and loading machine operators	—	6.6	—	—	—	—	—	—	—	60.3
Excavating and loading machine and dragline operators	—	7.2	—	—	—	—	—	—	—	65.3
Hoist and winch operators	—	—	—	—	81.6	—	—	—	—	137.0
Hoist and winch operators	—	—	—	—	81.6	—	—	—	—	137.0
Industrial truck and tractor operators .....	.8	.5	.4	.9	4.7	1.4	1.0	7.9	3.1	21.4
Industrial truck and tractor operators .....	.8	.5	.4	.9	4.7	1.4	1.0	7.9	3.1	21.4
Laborers and material movers, hand	2.4	1.5	2.1	1.1	10.3	2.5	3.4	34.5	11.7	51.2
Cleaners of vehicles and equipment	11.8	1.2	.7	1.5	7.0	2.4	1.5	16.8	4.1	27.3
Laborers and freight, stock, and material movers, hand	1.9	2.0	2.3	1.0	14.1	3.4	4.8	48.6	16.9	71.5
Machine feeders and offbearers	—	—	8.4	1.2	3.5	—	—	8.4	3.2	22.3
Packers and packagers, hand	—	.5	1.1	1.1	2.3	.3	.8	6.9	1.8	9.9
Pumping station operators	—	—	—	—	—	—	—	7.9	—	8.9
Pump operators, except wellhead pumpers	—	—	—	—	—	—	—	—	—	—
Wellhead pumpers	—	—	—	—	—	—	—	13.9	—	—
Refuse and recyclable material collectors	—	—	—	—	4.9	—	—	7.2	—	22.0
Refuse and recyclable material collectors ...	—	—	—	—	4.9	—	—	7.2	—	22.0

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Occupation code ³	Private industry ⁴	Nature of injury or illness ⁵						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	punctures		
Shuttle car operators	53-7110	1,467.6	361.6	149.6	—	—	—	83.0	—
Shuttle car operators	53-7111	1,467.6	361.6	149.6	—	—	—	83.0	—
Tank car, truck, and ship loaders	53-7120	16.0	—	—	—	—	—	—	—
Tank car, truck, and ship loaders	53-7121	16.0	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers by occupation and selected nature of injury or illness, 2008 — Continued

Occupation	Nature of injury or illness ⁵									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures ⁶
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Shuttle car operators	—	—	—	—	—	—	—	608.1	—	219.9
Shuttle car operators	—	—	—	—	—	—	—	608.1	—	219.9
Tank car, truck, and ship loaders	—	—	—	—	—	—	—	—	—	—
Tank car, truck, and ship loaders	—	—	—	—	—	—	—	—	—	—

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of injuries and illnesses
 EH = total hours worked by all employees during the calendar year

20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

² Days-away-from-work cases include those that resulted in days away from work, some of which also included job transfer or restriction.

³ *Standard Occupational Classification Manual*, 2000, Office of Management and Budget

⁴ Excludes farms with fewer than 11 employees.

⁵ Data shown in columns correspond to the following Nature codes: Sprains, strains, tears

= 021; Fractures = 012; Cuts, lacerations, punctures = 034, 037; Cuts, lacerations = 034; Punctures = 037; Bruises, contusions = 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 Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

⁶ Includes nonclassifiable responses.

NOTE: Dash indicates data do not meet publication guidelines. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies