

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Total .....		106.4	41.8	8.3	9.6	8.4	1.3	9.1	1.6
Management occupations .....	11-0000	37.7	12.2	4.1	1.9	1.7	.2	3.1	.4
Chief executives .....	11-1010	22.4	5.7	5.7	.9	.9	—	—	—
Chief executives .....	11-1011	22.4	5.7	5.7	.9	.9	—	—	—
General and operations managers .....	11-1020	6.7	2.1	.8	.7	.7	—	.3	—
General and operations managers .....	11-1021	6.7	2.1	.8	.7	.7	—	.3	—
Advertising, marketing, promotions, public relations, and sales managers .....	11-2000	31.9	9.7	1.9	2.8	2.8	—	1.5	—
Advertising and promotions managers .....	11-2010	170.0	6.7	—	—	—	—	—	—
Advertising and promotions managers .....	11-2011	170.0	6.7	—	—	—	—	—	—
Marketing and sales managers .....	11-2020	24.9	10.3	2.0	3.1	3.1	—	1.5	—
Marketing managers .....	11-2021	20.7	6.0	—	6.1	6.1	—	—	—
Sales managers .....	11-2022	27.0	12.5	2.7	1.6	1.6	—	1.9	—
Public relations managers .....	11-2030	8.1	4.2	—	—	—	—	—	—
Public relations managers .....	11-2031	8.1	4.2	—	—	—	—	—	—
Operations specialties managers .....	11-3000	25.0	6.8	4.3	.9	.7	—	1.2	—
Administrative services managers .....	11-3010	17.3	5.3	1.4	1.9	—	—	2.2	—
Administrative services managers .....	11-3011	17.3	5.3	1.4	1.9	—	—	2.2	—
Computer and information systems managers .....	11-3020	4.2	1.4	1.3	—	—	—	.9	—
Computer and information systems managers .....	11-3021	4.2	1.4	1.3	—	—	—	.9	—
Financial managers .....	11-3030	24.3	3.6	6.2	—	—	—	.8	—
Financial managers .....	11-3031	24.3	3.6	6.2	—	—	—	.8	—
Human resources managers .....	11-3040	35.1	12.9	7.4	—	—	—	—	—
Compensation and benefits managers .....	11-3041	6.0	—	—	—	—	—	—	—
Training and development managers .....	11-3042	52.7	23.9	18.5	—	—	—	—	—
Industrial production managers .....	11-3050	32.5	12.2	2.2	2.0	2.0	—	—	—
Industrial production managers .....	11-3051	32.5	12.2	2.2	2.0	2.0	—	—	—
Purchasing managers .....	11-3060	22.7	7.6	2.9	—	—	—	—	—
Purchasing managers .....	11-3061	22.7	7.6	2.9	—	—	—	—	—
Transportation, storage, and distribution managers .....	11-3070	88.7	26.7	11.8	5.4	5.4	—	2.1	—
Transportation, storage, and distribution managers .....	11-3071	88.7	26.7	11.8	5.4	5.4	—	2.1	—
Agricultural managers .....	11-9010	26.0	14.6	.8	.7	.7	—	2.6	—
Farm, ranch, and other agricultural managers .....	11-9011	14.0	5.2	.6	—	—	—	1.0	—
Construction managers .....	11-9020	58.2	12.8	4.4	2.6	1.2	1.4	2.0	—
Construction managers .....	11-9021	58.2	12.8	4.4	2.6	1.2	1.4	2.0	—
Education administrators .....	11-9030	49.7	11.9	5.1	3.9	3.9	—	3.5	—
Education administrators, preschool and child care center/program .....	11-9031	53.7	10.2	9.6	9.8	9.8	—	6.2	—
Education administrators, elementary and secondary school .....	11-9032	28.9	8.7	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Total .....	0.5	0.7	1.0	0.4	4.3	1.1	1.6	11.3	3.6	17.7
Management occupations .....	.1	.1	.5	.1	2.3	.5	.9	3.7	1.0	9.1
Chief executives .....	—	—	—	—	3.8	3.3	—	2.1	—	3.9
Chief executives .....	—	—	—	—	3.8	3.3	—	2.1	—	3.9
General and operations managers .....	—	—	.1	—	.2	—	.1	1.2	.2	1.3
General and operations managers .....	—	—	.1	—	.2	—	.1	1.2	.2	1.3
Advertising, marketing, promotions, public relations, and sales managers .....	—	—	—	.4	2.7	—	1.0	2.6	1.0	10.2
Advertising and promotions managers .....	—	—	—	—	7.3	—	—	6.7	—	143.4
Advertising and promotions managers .....	—	—	—	—	7.3	—	—	6.7	—	143.4
Marketing and sales managers .....	—	—	—	.5	2.6	—	1.1	2.5	.7	2.2
Marketing managers .....	—	—	—	—	3.1	—	—	1.6	—	2.2
Sales managers .....	—	—	—	—	2.3	—	1.7	2.9	.9	2.2
Public relations managers .....	—	—	—	—	—	—	—	—	—	—
Public relations managers .....	—	—	—	—	—	—	—	—	—	—
Operations specialties managers .....	—	—	1.2	.2	1.6	.5	.5	1.3	.4	7.2
Administrative services managers .....	—	—	—	—	1.4	—	—	1.2	—	3.2
Administrative services managers .....	—	—	—	—	1.4	—	—	1.2	—	3.2
Computer and information systems managers .....	—	—	—	—	—	—	—	—	—	—
Computer and information systems managers .....	—	—	—	—	—	—	—	—	—	—
Financial managers .....	—	—	3.1	—	1.6	—	.4	1.2	—	7.2
Financial managers .....	—	—	3.1	—	1.6	—	.4	1.2	—	7.2
Human resources managers .....	—	—	—	—	2.9	—	—	2.1	—	7.9
Compensation and benefits managers .....	—	—	—	—	—	—	—	—	—	—
Training and development managers .....	—	—	—	—	—	—	—	—	—	—
Industrial production managers .....	—	—	—	—	2.9	—	2.3	2.2	—	9.6
Industrial production managers .....	—	—	—	—	2.9	—	2.3	2.2	—	9.6
Purchasing managers .....	—	—	—	—	—	—	—	—	—	3.4
Purchasing managers .....	—	—	—	—	—	—	—	—	—	3.4
Transportation, storage, and distribution managers .....	—	—	—	—	3.4	2.4	—	2.4	2.4	36.5
Transportation, storage, and distribution managers .....	—	—	—	—	3.4	2.4	—	2.4	2.4	36.5
Agricultural managers .....	—	—	—	—	1.6	—	—	—	—	3.3
Farm, ranch, and other agricultural managers .....	—	—	—	—	.9	—	—	—	—	3.3
Construction managers .....	—	—	—	—	3.0	1.6	—	20.4	3.3	12.6
Construction managers .....	—	—	—	—	3.0	1.6	—	20.4	3.3	12.6
Education administrators .....	—	—	—	—	3.3	—	1.9	5.7	—	16.0
Education administrators, preschool and child care center/program .....	—	—	—	—	—	—	—	9.0	—	—
Education administrators, elementary and secondary school .....	—	—	—	—	—	—	—	6.9	—	9.7

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Education administrators, postsecondary ...	11-9033	62.8	16.1	4.0	—	—	—	—	—
Engineering managers .....	11-9040	13.3	2.0	2.3	2.5	2.3	—	—	—
Engineering managers .....	11-9041	13.3	2.0	2.3	2.5	2.3	—	—	—
Food service managers .....	11-9050	113.6	35.0	15.3	14.4	14.4	—	10.6	8.0
Food service managers .....	11-9051	113.6	35.0	15.3	14.4	14.4	—	10.6	8.0
Funeral directors .....	11-9060	93.8	86.6	—	7.2	7.2	—	—	—
Funeral directors .....	11-9061	93.8	86.6	—	7.2	7.2	—	—	—
Lodging managers .....	11-9080	36.0	18.1	—	—	—	—	—	—
Lodging managers .....	11-9081	36.0	18.1	—	—	—	—	—	—
Medical and health services managers .....	11-9110	91.9	34.0	10.3	3.0	—	2.4	9.5	—
Medical and health services managers .....	11-9111	91.9	34.0	10.3	3.0	—	2.4	9.5	—
Property, real estate, and community association managers .....	11-9140	101.2	16.0	9.3	—	—	—	48.5	—
Property, real estate, and community association managers .....	11-9141	101.2	16.0	9.3	—	—	—	48.5	—
Social and community service managers .....	11-9150	87.9	26.4	7.0	—	—	—	5.0	—
Social and community service managers .....	11-9151	87.9	26.4	7.0	—	—	—	5.0	—
Business and financial operations occupations .....	13-0000	13.0	4.1	2.2	.3	.3	—	1.1	—
Business operations specialists .....	13-1000	16.8	5.3	3.2	.3	.3	—	1.4	—
Agents and business managers of artists, performers, and athletes .....	13-1010	91.0	67.7	—	—	—	—	—	—
Agents and business managers of artists, performers, and athletes .....	13-1011	91.0	67.7	—	—	—	—	—	—
Buyers and purchasing agents .....	13-1020	32.1	9.4	11.0	—	—	—	2.8	—
Purchasing agents and buyers, farm products .....	13-1021	269.1	—	245.8	—	—	—	—	—
Wholesale and retail buyers, except farm products .....	13-1022	46.2	18.8	6.8	—	—	—	5.5	—
Purchasing agents, except wholesale, retail, and farm products .....	13-1023	13.0	5.0	.8	—	—	—	1.0	—
Claims adjusters, appraisers, examiners, and investigators .....	13-1030	32.3	12.5	1.9	—	—	—	1.8	—
Claims adjusters, examiners, and investigators .....	13-1031	32.4	12.0	2.0	—	—	—	1.9	—
Insurance appraisers, auto damage .....	13-1032	30.8	22.5	—	—	—	—	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation .....	13-1040	8.9	2.2	—	—	—	—	—	—
Compliance officers, except agriculture, construction, health and safety, and transportation .....	13-1041	8.9	2.2	—	—	—	—	—	—
Cost estimators .....	13-1050	7.3	1.7	—	—	—	—	1.0	—
Cost estimators .....	13-1051	7.3	1.7	—	—	—	—	1.0	—
Human resources, training, and labor relations specialists .....	13-1070	23.5	6.2	5.1	.4	.4	—	1.2	—

See footnotes at end of table.

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Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Education administrators, postsecondary ...	—	—	—	—	4.5	—	—	—	—	29.5
Engineering managers .....	—	—	—	—	—	—	—	2.8	—	—
Engineering managers .....	—	—	—	—	—	—	—	2.8	—	—
Food service managers .....	—	—	1.2	—	6.8	—	6.3	9.2	4.4	12.2
Food service managers .....	—	—	1.2	—	6.8	—	6.3	9.2	4.4	12.2
Funeral directors .....	—	—	—	—	—	—	—	—	—	—
Funeral directors .....	—	—	—	—	—	—	—	—	—	—
Lodging managers .....	—	—	—	—	—	—	—	5.3	—	—
Lodging managers .....	—	—	—	—	—	—	—	5.3	—	—
Medical and health services managers .....	—	—	.9	—	6.5	—	3.5	12.1	2.0	15.3
Medical and health services managers .....	—	—	.9	—	6.5	—	3.5	12.1	2.0	15.3
Property, real estate, and community association managers .....	—	—	—	—	3.1	—	2.9	6.9	—	16.9
Property, real estate, and community association managers .....	—	—	—	—	3.1	—	2.9	6.9	—	16.9
Social and community service managers .....	—	—	—	—	13.3	—	—	10.8	6.0	23.8
Social and community service managers .....	—	—	—	—	13.3	—	—	10.8	6.0	23.8
Business and financial operations occupations .....	—	—	.6	0.1	.5	0.1	.2	1.6	.4	2.5
Business operations specialists .....	—	—	.5	.1	.7	.2	.3	2.2	.7	3.1
Agents and business managers of artists, performers, and athletes .....	—	—	—	—	—	—	—	20.8	20.8	—
Agents and business managers of artists, performers, and athletes .....	—	—	—	—	—	—	—	20.8	20.8	—
Buyers and purchasing agents .....	—	—	—	—	1.3	.7	—	3.4	.8	3.5
Purchasing agents and buyers, farm products .....	—	—	—	—	—	—	—	—	—	—
Wholesale and retail buyers, except farm products .....	—	—	—	—	—	—	—	7.6	—	5.6
Purchasing agents, except wholesale, retail, and farm products .....	—	—	—	—	1.3	1.1	—	1.5	.8	2.5
Claims adjusters, appraisers, examiners, and investigators .....	—	—	2.2	—	1.6	—	—	3.9	—	7.4
Claims adjusters, examiners, and investigators .....	—	—	2.3	—	1.6	—	—	3.8	—	7.7
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 .....	—	—	—	—	—	—	—	—	—	3.4
Cost estimators .....	—	—	—	—	—	—	—	—	—	3.4
Human resources, training, and labor relations specialists .....	—	—	.8	—	1.1	.4	.3	3.5	.9	5.4

See footnotes at end of table.

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Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Employment, recruitment, and placement specialists .....	13-1071	22.6	3.6	3.6	—	—	—	1.1	—
Compensation, benefits, and job analysis specialists .....	13-1072	9.5	2.4	2.0	—	—	—	—	—
Training and development specialists .....	13-1073	27.0	8.7	9.5	—	—	—	—	—
Logisticians .....	13-1080	34.7	12.5	—	4.9	4.9	—	11.6	—
Logisticians .....	13-1081	34.7	12.5	—	4.9	4.9	—	11.6	—
Management analysts .....	13-1110	5.2	1.9	1.3	—	—	—	—	—
Management analysts .....	13-1111	5.2	1.9	1.3	—	—	—	—	—
Meeting and convention planners .....	13-1120	20.3	10.6	4.1	—	—	—	—	—
Meeting and convention planners .....	13-1121	20.3	10.6	4.1	—	—	—	—	—
Accountants and auditors .....	13-2010	7.4	1.8	1.1	.4	.4	—	.6	—
Accountants and auditors .....	13-2011	7.4	1.8	1.1	.4	.4	—	.6	—
Appraisers and assessors of real estate .....	13-2020	46.3	40.2	—	—	—	—	—	—
Appraisers and assessors of real estate .....	13-2021	46.3	40.2	—	—	—	—	—	—
Budget analysts .....	13-2030	6.9	—	—	—	—	—	—	—
Budget analysts .....	13-2031	6.9	—	—	—	—	—	—	—
Credit analysts .....	13-2040	4.9	3.1	—	—	—	—	—	—
Credit analysts .....	13-2041	4.9	3.1	—	—	—	—	—	—
Financial analysts and advisors .....	13-2050	4.7	1.1	.5	.3	.3	—	—	—
Financial analysts .....	13-2051	4.9	1.1	—	—	—	—	—	—
Personal financial advisors .....	13-2052	3.1	1.6	—	—	—	—	—	—
Insurance underwriters .....	13-2053	6.7	—	—	—	—	—	—	—
Loan counselors and officers .....	13-2070	5.9	—	.7	—	—	—	—	—
Loan officers .....	13-2072	5.9	—	.7	—	—	—	—	—
Computer and mathematical occupations .....	15-0000	8.0	2.6	1.7	.4	.3	0.1	.7	0.1
Computer specialists .....	15-1000	8.0	2.7	1.8	.4	.3	.1	.7	.1
Computer programmers .....	15-1020	2.2	.5	—	—	—	—	—	—
Computer programmers .....	15-1021	2.2	.5	—	—	—	—	—	—
Computer software engineers .....	15-1030	2.6	.8	.3	—	—	—	.4	—
Computer software engineers, applications .....	15-1031	3.0	1.0	—	—	—	—	.4	—
Computer software engineers, systems software .....	15-1032	2.2	.5	—	—	—	—	.5	—
Computer support specialists .....	15-1040	10.9	6.0	.8	1.1	—	.7	.4	—
Computer support specialists .....	15-1041	10.9	6.0	.8	1.1	—	.7	.4	—
Computer systems analysts .....	15-1050	8.8	2.8	1.4	—	—	—	1.1	—
Computer systems analysts .....	15-1051	8.8	2.8	1.4	—	—	—	1.1	—
Database administrators .....	15-1060	4.4	—	—	—	—	—	—	—
Database administrators .....	15-1061	4.4	—	—	—	—	—	—	—
Network and computer systems administrators .....	15-1070	5.7	3.9	—	.9	.8	—	—	—
Network and computer systems administrators .....	15-1071	5.7	3.9	—	.9	.8	—	—	—
Network systems and data communications analysts .....	15-1080	28.4	4.4	16.2	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Employment, recruitment, and placement specialists .....	-	-	-	-	-	-	-	3.6	-	9.5
Compensation, benefits, and job analysis specialists .....	-	-	-	-	-	-	-	-	-	2.5
Training and development specialists .....	-	-	-	-	-	-	-	3.5	1.8	3.5
Logisticians .....	-	-	-	-	-	-	-	2.5	-	-
Logisticians .....	-	-	-	-	-	-	-	2.5	-	-
Management analysts .....	-	-	-	-	-	-	-	-	-	.8
Management analysts .....	-	-	-	-	-	-	-	-	-	.8
Meeting and convention planners .....	-	-	-	-	-	-	-	-	-	-
Meeting and convention planners .....	-	-	-	-	-	-	-	-	-	-
Accountants and auditors .....	-	-	0.5	-	0.3	-	-	.9	.2	1.8
Accountants and auditors .....	-	-	.5	-	.3	-	-	.9	.2	1.8
Appraisers and assessors of real estate .....	-	-	-	-	-	-	-	-	-	-
Appraisers and assessors of real estate .....	-	-	-	-	-	-	-	-	-	-
Budget analysts .....	-	-	-	-	-	-	-	-	-	-
Budget analysts .....	-	-	-	-	-	-	-	-	-	-
Credit analysts .....	-	-	-	-	-	-	-	-	-	-
Credit analysts .....	-	-	-	-	-	-	-	-	-	-
Financial analysts and advisors .....	-	-	.4	-	-	-	-	.6	-	1.3
Financial analysts .....	-	-	-	-	-	-	-	.8	-	1.7
Personal financial advisors .....	-	-	-	-	-	-	-	-	-	-
Insurance underwriters .....	-	-	-	-	-	-	-	-	-	2.0
Loan counselors and officers .....	-	-	1.6	-	-	-	-	-	-	1.5
Loan officers .....	-	-	1.7	-	-	-	-	-	-	1.4
Computer and mathematical occupations .....	-	-	.3	-	.3	0.1	0.1	.6	.3	1.3
Computer specialists .....	-	-	.3	-	.3	.1	.1	.6	.3	1.3
Computer programmers .....	-	-	-	-	-	-	-	-	-	.5
Computer programmers .....	-	-	-	-	-	-	-	-	-	.5
Computer software engineers .....	-	-	-	-	-	-	-	.3	-	.6
Computer software engineers, applications .....	-	-	-	-	-	-	-	-	-	.8
Computer software engineers, systems software .....	-	-	-	-	-	-	-	.4	-	-
Computer support specialists .....	-	-	-	-	-	-	-	1.1	.7	1.1
Computer support specialists .....	-	-	-	-	-	-	-	1.1	.7	1.1
Computer systems analysts .....	-	-	.4	-	-	-	-	.9	-	1.5
Computer systems analysts .....	-	-	.4	-	-	-	-	.9	-	1.5
Database administrators .....	-	-	-	-	-	-	-	-	-	-
Database administrators .....	-	-	-	-	-	-	-	-	-	-
Network and computer systems administrators .....	-	-	-	-	-	-	-	-	-	-
Network and computer systems administrators .....	-	-	-	-	-	-	-	-	-	-
Network systems and data communications analysts .....	-	-	-	-	.9	-	-	.9	-	4.9

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			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	4.4	16.2	—	—	—	—	—
Mathematical science occupations .....	15-2000	6.7	—	—	—	—	—	—	—
Operations research analysts .....	15-2030	9.5	—	—	—	—	—	—	—
Operations research analysts .....	15-2031	9.5	—	—	—	—	—	—	—
Architecture and engineering occupations .....	17-0000	20.7	7.1	1.8	3.0	1.1	1.9	2.0	0.3
Architects, surveyors, and cartographers .....	17-1000	10.4	4.0	—	—	—	—	2.9	—
Surveyors, cartographers, and photogrammetrists .....	17-1020	33.9	13.2	—	—	—	—	9.6	—
Surveyors .....	17-1022	39.4	15.4	—	—	—	—	11.1	—
Engineers .....	17-2000	10.6	3.5	1.6	.9	.8	.1	1.2	—
Aerospace engineers .....	17-2010	7.7	—	—	—	—	—	—	—
Aerospace engineers .....	17-2011	7.7	—	—	—	—	—	—	—
Biomedical engineers .....	17-2030	17.9	16.0	—	—	—	—	—	—
Biomedical engineers .....	17-2031	17.9	16.0	—	—	—	—	—	—
Chemical engineers .....	17-2040	23.0	—	—	—	—	—	—	—
Chemical engineers .....	17-2041	23.0	—	—	—	—	—	—	—
Civil engineers .....	17-2050	7.7	2.4	—	.9	—	—	2.5	—
Civil engineers .....	17-2051	7.7	2.4	—	.9	—	—	2.5	—
Computer hardware engineers .....	17-2060	6.4	—	—	—	—	—	—	—
Computer hardware engineers .....	17-2061	6.4	—	—	—	—	—	—	—
Electrical and electronics engineers .....	17-2070	5.3	2.6	.6	—	—	—	—	—
Electrical engineers .....	17-2071	9.0	4.6	1.1	—	—	—	—	—
Industrial engineers, including health and safety .....	17-2110	9.8	3.2	—	—	—	—	1.2	—
Health and safety engineers, except mining safety engineers and inspectors .....	17-2111	12.0	8.4	—	—	—	—	—	—
Industrial engineers .....	17-2112	9.6	2.7	—	—	—	—	1.3	—
Marine engineers and naval architects .....	17-2120	65.7	—	—	—	—	—	—	—
Marine engineers and naval architects .....	17-2121	65.7	—	—	—	—	—	—	—
Materials engineers .....	17-2130	22.9	—	13.6	—	—	—	—	—
Materials engineers .....	17-2131	22.9	—	13.6	—	—	—	—	—
Mechanical engineers .....	17-2140	7.7	2.8	1.1	.8	.8	—	—	—
Mechanical engineers .....	17-2141	7.7	2.8	1.1	.8	.8	—	—	—
Mining and geological engineers, including mining safety engineers .....	17-2150	96.6	39.6	—	—	—	—	—	—
Mining and geological engineers, including mining safety engineers .....	17-2151	96.6	39.6	—	—	—	—	—	—
Drafters, engineering, and mapping technicians .....	17-3000	45.5	15.7	2.5	8.4	2.3	6.2	3.6	.6
Drafters .....	17-3010	12.7	4.2	—	—	—	—	—	—
Electrical and electronics drafters .....	17-3012	6.0	—	—	—	—	—	—	—
Mechanical drafters .....	17-3013	8.7	5.2	—	—	—	—	—	—
Engineering technicians, except drafters .....	17-3020	55.2	20.8	3.7	7.0	3.6	3.4	4.1	1.1
Aerospace engineering and operations technicians .....	17-3021	86.9	84.0	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Network systems and data communications analysts .....	-	-	-	-	0.9	-	-	0.9	-	4.9
Mathematical science occupations .....	-	-	-	-	-	-	-	-	-	2.1
Operations research analysts .....	-	-	-	-	-	-	-	-	-	-
Operations research analysts .....	-	-	-	-	-	-	-	-	-	-
Architecture and engineering occupations .....	0.1	0.1	0.3	0.1	.9	0.1	0.2	1.8	0.4	3.2
Architects, surveyors, and cartographers .....	-	-	-	-	-	-	-	-	-	1.8
Surveyors, cartographers, and photogrammetrists .....	-	-	-	-	-	-	-	-	-	5.7
Surveyors .....	-	-	-	-	-	-	-	-	-	6.6
Engineers .....	-	.1	.3	-	.6	-	-	.7	.2	1.6
Aerospace engineers .....	-	-	-	-	-	-	-	-	-	-
Aerospace engineers .....	-	-	-	-	-	-	-	-	-	-
Biomedical engineers .....	-	-	-	-	-	-	-	-	-	-
Biomedical engineers .....	-	-	-	-	-	-	-	-	-	-
Chemical engineers .....	-	-	-	-	-	-	-	-	-	-
Chemical engineers .....	-	-	-	-	-	-	-	-	-	-
Civil engineers .....	-	-	-	-	-	-	-	-	-	-
Civil engineers .....	-	-	-	-	-	-	-	-	-	-
Computer hardware engineers .....	-	-	-	-	-	-	-	-	-	-
Computer hardware engineers .....	-	-	-	-	-	-	-	-	-	-
Electrical and electronics engineers .....	-	-	-	-	-	-	-	1.1	-	.6
Electrical engineers .....	-	-	-	-	-	-	-	1.8	-	-
Industrial engineers, including health and safety .....	-	-	-	-	-	-	-	-	-	2.0
Health and safety engineers, except mining safety engineers and inspectors .....	-	-	-	-	-	-	-	-	-	-
Industrial engineers .....	-	-	-	-	-	-	-	-	-	2.1
Marine engineers and naval architects .....	-	-	-	-	-	-	-	-	-	36.4
Marine engineers and naval architects .....	-	-	-	-	-	-	-	-	-	36.4
Materials engineers .....	-	-	-	-	-	-	-	-	-	-
Materials engineers .....	-	-	-	-	-	-	-	-	-	-
Mechanical engineers .....	-	-	-	-	-	-	-	.7	-	1.0
Mechanical engineers .....	-	-	-	-	-	-	-	.7	-	1.0
Mining and geological engineers, including mining safety engineers .....	-	-	-	-	-	-	-	-	-	-
Mining and geological engineers, including mining safety engineers .....	-	-	-	-	-	-	-	-	-	-
Drafters, engineering, and mapping technicians .....	.5	-	.3	.3	1.8	-	.7	4.6	1.0	7.2
Drafters .....	-	-	-	-	-	-	-	-	-	7.1
Electrical and electronics drafters .....	-	-	-	-	-	-	-	-	-	-
Mechanical drafters .....	-	-	-	-	-	-	-	-	-	2.4
Engineering technicians, except drafters .....	.8	-	-	-	3.0	-	1.2	6.6	1.2	7.5
Aerospace engineering and operations technicians .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Electrical and electronic engineering technicians .....	17-3023	64.5	29.0	2.7	2.2	2.2	—	2.3	—
Electro-mechanical technicians .....	17-3024	50.6	25.2	—	—	—	—	—	—
Industrial engineering technicians .....	17-3026	16.2	3.0	—	—	—	—	4.8	—
Mechanical engineering technicians .....	17-3027	42.7	8.0	12.9	5.7	5.7	—	—	—
Surveying and mapping technicians .....	17-3030	118.7	28.8	3.7	56.7	—	54.2	13.7	—
Surveying and mapping technicians .....	17-3031	118.7	28.8	3.7	56.7	—	54.2	13.7	—
Life, physical, and social science occupations .....	19-0000	28.0	9.4	3.0	3.1	2.9	—	2.3	0.4
Life scientists .....	19-1000	15.2	3.7	—	—	—	—	2.0	—
Agricultural and food scientists .....	19-1010	45.6	12.5	—	—	—	—	—	—
Soil and plant scientists .....	19-1013	73.2	—	—	—	—	—	—	—
Biological scientists .....	19-1020	17.4	3.6	—	—	—	—	—	—
Zoologists and wildlife biologists .....	19-1023	47.9	—	—	—	—	—	—	—
Conservation scientists and foresters .....	19-1030	51.0	—	—	—	—	—	—	—
Medical scientists .....	19-1040	5.6	—	—	—	—	—	—	—
Medical scientists, except epidemiologists ..	19-1042	5.4	—	—	—	—	—	—	—
Physical scientists .....	19-2000	15.2	5.6	—	1.8	.9	—	2.6	—
Atmospheric and space scientists .....	19-2020	42.9	36.4	—	—	—	—	—	—
Atmospheric and space scientists .....	19-2021	42.9	36.4	—	—	—	—	—	—
Chemists and materials scientists .....	19-2030	9.6	—	—	3.8	—	—	—	—
Chemists .....	19-2031	10.8	—	—	4.3	—	—	—	—
Environmental scientists and geoscientists .....	19-2040	19.6	9.0	—	—	—	—	5.6	—
Environmental scientists and specialists, including health .....	19-2041	32.0	14.7	—	—	—	—	9.5	—
Social scientists and related workers .....	19-3000	13.2	4.2	2.1	—	—	—	.5	—
Market and survey researchers .....	19-3020	5.0	2.0	—	—	—	—	—	—
Market research analysts .....	19-3021	5.4	2.1	—	—	—	—	—	—
Psychologists .....	19-3030	33.1	8.1	8.9	—	—	—	—	—
Clinical, counseling, and school psychologists .....	19-3031	16.4	—	7.8	—	—	—	—	—
Miscellaneous social scientists and related workers .....	19-3090	116.0	36.7	15.0	—	—	—	—	—
Anthropologists and archeologists .....	19-3091	155.0	—	—	—	—	—	—	—
Life, physical, and social science technicians .....	19-4000	70.7	25.0	7.9	10.3	10.3	—	4.9	1.6
Agricultural and food science technicians .....	19-4010	166.0	59.2	23.5	—	—	—	—	20.7
Agricultural and food science technicians ..	19-4011	166.0	59.2	23.5	—	—	—	—	20.7
Biological technicians .....	19-4020	9.4	—	—	—	—	—	—	—
Biological technicians .....	19-4021	9.4	—	—	—	—	—	—	—
Chemical technicians .....	19-4030	88.9	48.3	3.2	3.0	3.0	—	12.2	—
Chemical technicians .....	19-4031	88.9	48.3	3.2	3.0	3.0	—	12.2	—
Geological and petroleum technicians .....	19-4040	91.1	23.6	58.2	—	—	—	—	—
Geological and petroleum technicians .....	19-4041	91.1	23.6	58.2	—	—	—	—	—
Social science research assistants .....	19-4060	22.5	14.3	—	—	—	—	—	—
Social science research assistants .....	19-4061	22.5	14.3	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Electrical and electronic engineering technicians .....	-	-	-	-	4.0	-	-	14.3	2.3	9.6
Electro-mechanical technicians .....	-	-	-	-	-	-	-	-	-	-
Industrial engineering technicians .....	-	-	-	-	-	-	-	-	-	3.1
Mechanical engineering technicians .....	-	-	-	-	-	-	-	-	-	7.8
Surveying and mapping technicians .....	-	-	-	-	-	-	-	10.0	-	4.9
Surveying and mapping technicians .....	-	-	-	-	-	-	-	10.0	-	4.9
Life, physical, and social science occupations .....	0.7	-	0.6	-	1.2	0.2	0.3	2.4	.9	4.7
Life scientists .....	-	-	1.5	-	-	-	-	2.6	1.4	1.8
Agricultural and food scientists .....	-	-	-	-	-	-	-	12.8	10.0	-
Soil and plant scientists .....	-	-	-	-	-	-	-	24.7	24.7	-
Biological scientists .....	-	-	-	-	-	-	-	-	-	-
Zoologists and wildlife biologists .....	-	-	-	-	-	-	-	-	-	-
Conservation scientists and foresters .....	-	-	-	-	-	-	-	-	-	-
Medical scientists .....	-	-	-	-	-	-	-	-	-	-
Medical scientists, except epidemiologists ..	-	-	-	-	-	-	-	-	-	-
Physical scientists .....	-	-	-	-	-	-	-	-	-	2.5
Atmospheric and space scientists .....	-	-	-	-	-	-	-	-	-	-
Atmospheric and space scientists .....	-	-	-	-	-	-	-	-	-	-
Chemists and materials scientists .....	-	-	-	-	-	-	-	-	-	2.1
Chemists .....	-	-	-	-	-	-	-	-	-	2.4
Environmental scientists and geoscientists .....	-	-	-	-	-	-	-	-	-	-
Environmental scientists and specialists, including health .....	-	-	-	-	-	-	-	-	-	-
Social scientists and related workers .....	-	-	-	-	1.1	.5	-	1.2	-	4.0
Market and survey researchers .....	-	-	-	-	-	-	-	-	-	1.4
Market research analysts .....	-	-	-	-	-	-	-	-	-	1.5
Psychologists .....	-	-	-	-	-	-	-	-	-	14.2
Clinical, counseling, and school psychologists .....	-	-	-	-	-	-	-	-	-	-
Miscellaneous social scientists and related workers .....	-	-	-	-	14.5	-	-	13.8	-	26.1
Anthropologists and archeologists .....	-	-	-	-	-	-	-	-	-	-
Life, physical, and social science technicians .....	1.7	-	.9	-	3.0	-	-	5.4	1.6	9.8
Agricultural and food science technicians .....	-	-	-	-	-	-	-	-	-	35.0
Agricultural and food science technicians ..	-	-	-	-	-	-	-	-	-	35.0
Biological technicians .....	-	-	-	-	-	-	-	-	-	-
Biological technicians .....	-	-	-	-	-	-	-	-	-	-
Chemical technicians .....	3.5	-	-	-	-	-	-	6.6	-	9.4
Chemical technicians .....	3.5	-	-	-	-	-	-	6.6	-	9.4
Geological and petroleum technicians .....	-	-	-	-	-	-	-	-	-	-
Geological and petroleum technicians .....	-	-	-	-	-	-	-	-	-	-
Social science research assistants .....	-	-	-	-	-	-	-	-	-	-
Social science research assistants .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Miscellaneous life, physical, and social science technicians .....	19-4090	90.5	14.1	—	32.7	32.7	—	—	—
Environmental science and protection technicians, including health .....	19-4091	32.8	—	—	—	—	—	—	—
Community and social services occupations .....	21-0000	81.5	26.2	8.2	2.5	2.2	0.3	10.3	—
Counselors, social workers, and other community and social service specialists .....	21-1000	84.4	27.6	7.9	2.6	2.3	.3	10.8	—
Counselors .....	21-1010	119.4	44.4	14.0	3.1	2.6	—	16.7	—
Substance abuse and behavioral disorder counselors .....	21-1011	59.4	19.5	3.4	—	—	—	—	—
Educational, vocational, and school counselors .....	21-1012	120.9	39.8	13.0	—	—	—	16.4	—
Mental health counselors .....	21-1014	89.6	33.8	7.3	—	—	—	23.9	—
Rehabilitation counselors .....	21-1015	72.2	30.9	5.7	4.7	4.7	—	10.0	—
Social workers .....	21-1020	76.9	20.3	4.4	2.9	2.8	—	5.0	—
Child, family, and school social workers .....	21-1021	24.8	8.7	2.2	—	—	—	4.1	—
Medical and public health social workers .....	21-1022	78.7	14.5	3.1	—	—	—	2.2	—
Mental health and substance abuse social workers .....	21-1023	36.0	14.4	2.2	—	—	—	3.0	—
Miscellaneous community and social service specialists .....	21-1090	59.3	19.6	5.9	1.8	1.4	—	11.6	—
Health educators .....	21-1091	34.8	7.4	—	—	—	—	—	—
Social and human service assistants .....	21-1093	53.2	19.2	3.4	2.1	1.5	—	8.7	—
Religious workers .....	21-2000	33.2	3.3	13.3	—	—	—	—	—
Clergy .....	21-2010	26.2	—	—	—	—	—	—	—
Clergy .....	21-2011	26.2	—	—	—	—	—	—	—
Legal occupations .....	23-0000	14.2	8.3	1.4	—	—	—	1.1	—
Lawyers .....	23-1010	1.8	.5	—	—	—	—	—	—
Lawyers .....	23-1011	1.8	.5	—	—	—	—	—	—
Arbitrators, mediators, and conciliators .....	23-1022	46.0	—	—	—	—	—	—	—
Legal support workers .....	23-2000	35.7	22.4	3.2	—	—	—	2.8	—
Paralegals and legal assistants .....	23-2010	35.1	27.9	.9	—	—	—	1.4	—
Paralegals and legal assistants .....	23-2011	35.1	27.9	.9	—	—	—	1.4	—
Miscellaneous legal support workers .....	23-2090	36.9	9.9	8.4	—	—	—	5.9	—
Law clerks .....	23-2092	10.9	—	—	—	—	—	—	—
Title examiners, abstractors, and searchers .....	23-2093	22.9	—	—	—	—	—	9.1	—
Education, training, and library occupations .....	25-0000	63.6	23.3	6.1	1.8	1.6	.2	5.5	—
Postsecondary teachers .....	25-1000	21.5	4.5	2.7	1.7	1.6	—	.9	—
Life sciences teachers, postsecondary .....	25-1040	22.0	—	—	—	—	—	—	—
Biological science teachers, postsecondary .....	25-1042	18.2	—	—	—	—	—	—	—
Health teachers, postsecondary .....	25-1070	8.0	—	2.8	—	—	—	—	—
Health specialties teachers, postsecondary .....	25-1071	5.7	—	—	—	—	—	—	—
Nursing instructors and teachers, postsecondary .....	25-1072	16.2	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Miscellaneous life, physical, and social science technicians .....	-	-	-	-	9.4	-	-	10.4	4.5	16.1
Environmental science and protection technicians, including health .....	-	-	-	-	-	-	-	-	-	-
Community and social services occupations .....	-	-	-	-	8.6	0.9	3.1	9.7	1.7	15.7
Counselors, social workers, and other community and social service specialists .....	-	-	-	-	9.0	.9	3.3	10.0	1.8	16.1
Counselors .....	-	-	-	-	7.0	1.2	4.2	14.3	1.4	19.5
Substance abuse and behavioral disorder counselors .....	-	-	-	-	7.3	-	5.8	4.3	-	20.4
Educational, vocational, and school counselors .....	-	-	-	-	3.8	-	-	35.1	-	10.7
Mental health counselors .....	-	-	-	-	3.7	-	-	10.6	-	10.2
Rehabilitation counselors .....	-	-	-	-	4.2	-	-	6.1	-	10.4
Social workers .....	-	-	-	-	16.7	1.4	4.4	9.7	1.8	17.3
Child, family, and school social workers .....	-	-	-	-	1.5	-	-	2.7	-	4.8
Medical and public health social workers .....	-	-	-	-	38.8	-	8.1	6.2	-	12.1
Mental health and substance abuse social workers .....	-	-	-	-	3.9	-	2.8	5.3	-	6.5
Miscellaneous community and social service specialists .....	-	-	-	-	2.7	-	1.2	6.2	2.0	11.6
Health educators .....	-	-	-	-	-	-	-	6.4	-	6.1
Social and human service assistants .....	-	-	-	-	2.5	-	.9	5.1	2.1	12.2
Religious workers .....	-	-	-	-	-	-	-	4.7	-	8.7
Clergy .....	-	-	-	-	-	-	-	-	-	8.9
Clergy .....	-	-	-	-	-	-	-	-	-	8.9
Legal occupations .....	-	-	0.6	-	.3	-	.3	.3	-	2.0
Lawyers .....	-	-	.6	-	-	-	-	-	-	.6
Lawyers .....	-	-	.6	-	-	-	-	-	-	.6
Arbitrators, mediators, and conciliators .....	-	-	-	-	-	-	-	-	-	-
Legal support workers .....	-	-	.7	-	.7	-	.7	.7	-	4.6
Paralegals and legal assistants .....	-	-	-	-	1.0	-	1.0	-	-	2.2
Paralegals and legal assistants .....	-	-	-	-	1.0	-	1.0	-	-	2.2
Miscellaneous legal support workers .....	-	-	-	-	-	-	-	-	-	10.0
Law clerks .....	-	-	-	-	-	-	-	-	-	-
Title examiners, abstractors, and searchers .....	-	-	-	-	-	-	-	-	-	-
Education, training, and library occupations .....	-	-	.3	-	2.6	.4	1.1	11.7	2.9	12.4
Postsecondary teachers .....	-	-	-	-	.8	.5	-	2.5	1.3	8.5
Life sciences teachers, postsecondary .....	-	-	-	-	-	-	-	-	-	-
Biological science teachers, postsecondary .....	-	-	-	-	-	-	-	-	-	-
Health teachers, postsecondary .....	-	-	-	-	-	-	-	-	-	-
Health specialties teachers, postsecondary .....	-	-	-	-	-	-	-	-	-	-
Nursing instructors and teachers, postsecondary .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Arts, communications, and humanities teachers, postsecondary .....	25-1120	2.8	—	—	—	—	—	—	—
Art, drama, and music teachers, postsecondary .....	25-1121	5.2	—	—	—	—	—	—	—
Miscellaneous postsecondary teachers .....	25-1190	57.5	11.6	6.4	4.6	4.4	—	1.3	—
Vocational education teachers, postsecondary .....	25-1194	117.5	23.9	6.3	10.5	10.2	—	—	—
Primary, secondary, and special education school teachers .....	25-2000	58.4	25.0	5.3	1.0	1.0	—	4.6	—
Preschool and kindergarten teachers .....	25-2010	85.8	41.6	7.8	1.8	1.8	—	5.0	—
Preschool teachers, except special education .....	25-2011	92.2	44.4	8.4	1.9	1.9	—	5.4	—
Kindergarten teachers, except special education .....	25-2012	9.4	8.8	—	—	—	—	—	—
Elementary and middle school teachers .....	25-2020	25.0	4.2	3.3	—	—	—	3.6	—
Elementary school teachers, except special education .....	25-2021	32.0	4.5	2.6	—	—	—	5.1	—
Middle school teachers, except special and vocational education .....	25-2022	8.9	3.4	5.1	—	—	—	—	—
Secondary school teachers .....	25-2030	29.3	8.1	1.9	—	—	—	2.0	—
Secondary school teachers, except special and vocational education .....	25-2031	27.8	8.2	1.9	—	—	—	—	—
Special education teachers .....	25-2040	58.7	26.3	—	—	—	—	12.5	—
Special education teachers, preschool, kindergarten, and elementary school .....	25-2041	46.2	25.9	—	—	—	—	10.1	—
Special education teachers, middle school .....	25-2042	148.0	75.6	—	—	—	—	—	—
Special education teachers, secondary school .....	25-2043	43.3	—	—	—	—	—	—	—
Other teachers and instructors .....	25-3000	90.8	33.7	3.9	—	—	—	8.3	—
Adult literacy, remedial education, and ged teachers and instructors .....	25-3010	18.9	17.6	—	—	—	—	—	—
Adult literacy, remedial education, and ged teachers and instructors .....	25-3011	18.9	17.6	—	—	—	—	—	—
Self-enrichment education teachers .....	25-3020	27.5	16.1	—	—	—	—	—	—
Self-enrichment education teachers .....	25-3021	27.5	16.1	—	—	—	—	—	—
Librarians, curators, and archivists .....	25-4000	23.7	3.6	5.3	4.1	—	3.7	—	—
Archivists, curators, and museum technicians .....	25-4010	27.5	—	—	—	—	—	—	—
Curators .....	25-4012	28.9	—	—	—	—	—	—	—
Museum technicians and conservators .....	25-4013	40.7	—	—	—	—	—	—	—
Librarians .....	25-4020	27.9	—	8.8	—	—	—	—	—
Librarians .....	25-4021	27.9	—	8.8	—	—	—	—	—
Other education, training, and library occupations .....	25-9000	130.8	45.2	15.5	4.4	4.2	—	13.7	—
Instructional coordinators .....	25-9030	20.6	—	—	—	—	—	—	—
Instructional coordinators .....	25-9031	20.6	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Arts, communications, and humanities teachers, postsecondary .....	-	-	-	-	-	-	-	-	-	-
Art, drama, and music teachers, postsecondary .....	-	-	-	-	-	-	-	-	-	-
Miscellaneous postsecondary teachers .....	-	-	-	-	1.8	-	-	7.5	3.7	24.4
Vocational education teachers, postsecondary .....	-	-	-	-	-	-	-	10.2	-	63.6
Primary, secondary, and special education school teachers .....	-	-	-	-	2.6	-	0.6	11.3	.9	8.4
Preschool and kindergarten teachers .....	-	-	-	-	.8	-	-	17.3	.9	11.6
Preschool teachers, except special education .....	-	-	-	-	.8	-	-	18.7	1.0	12.6
Kindergarten teachers, except special education .....	-	-	-	-	-	-	-	-	-	-
Elementary and middle school teachers .....	-	-	-	-	2.0	-	-	6.2	1.3	5.2
Elementary school teachers, except special education .....	-	-	-	-	2.9	-	-	8.7	1.8	7.4
Middle school teachers, except special and vocational education .....	-	-	-	-	-	-	-	-	-	-
Secondary school teachers .....	-	-	-	-	9.6	-	-	3.8	-	3.9
Secondary school teachers, except special and vocational education .....	-	-	-	-	9.8	-	-	3.2	-	4.0
Special education teachers .....	-	-	-	-	-	-	-	-	-	8.4
Special education teachers, preschool, kindergarten, and elementary school .....	-	-	-	-	-	-	-	-	-	-
Special education teachers, middle school .....	-	-	-	-	-	-	-	-	-	-
Special education teachers, secondary school .....	-	-	-	-	-	-	-	-	-	-
Other teachers and instructors .....	-	-	-	-	6.2	-	4.2	14.7	2.5	23.3
Adult literacy, remedial education, and ged teachers and instructors .....	-	-	-	-	-	-	-	-	-	-
Adult literacy, remedial education, and ged teachers and instructors .....	-	-	-	-	-	-	-	-	-	-
Self-enrichment education teachers .....	-	-	-	-	2.7	-	2.0	6.7	-	1.8
Self-enrichment education teachers .....	-	-	-	-	2.7	-	2.0	6.7	-	1.8
Librarians, curators, and archivists .....	-	-	-	-	-	-	-	-	-	4.1
Archivists, curators, and museum technicians .....	-	-	-	-	-	-	-	-	-	-
Curators .....	-	-	-	-	-	-	-	-	-	-
Museum technicians and conservators .....	-	-	-	-	-	-	-	-	-	-
Librarians .....	-	-	-	-	-	-	-	-	-	-
Librarians .....	-	-	-	-	-	-	-	-	-	-
Other education, training, and library occupations .....	-	-	1.1	-	3.0	1.0	1.5	26.8	11.1	21.0
Instructional coordinators .....	-	-	-	-	-	-	-	5.5	-	4.4
Instructional coordinators .....	-	-	-	-	-	-	-	5.5	-	4.4

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Teacher assistants .....	25-9040	162.9	55.8	20.1	5.7	5.5	—	15.9	—
Teacher assistants .....	25-9041	162.9	55.8	20.1	5.7	5.5	—	15.9	—
Arts, design, entertainment, sports, and media occupations .....	27-0000	51.3	19.9	4.8	3.8	3.8	—	4.2	0.3
Art and design workers .....	27-1000	42.7	11.1	2.2	9.3	9.3	—	3.1	—
Artists and related workers .....	27-1010	29.9	15.9	—	4.8	4.8	—	—	—
Art directors .....	27-1011	11.8	—	—	9.4	9.4	—	—	—
Craft artists .....	27-1012	84.7	36.2	—	—	—	—	—	—
Fine artists, including painters, sculptors, and illustrators .....	27-1013	27.4	—	—	—	—	—	—	—
Designers .....	27-1020	44.9	10.3	2.2	10.1	10.1	—	3.4	—
Floral designers .....	27-1023	51.6	28.8	—	—	—	—	—	—
Graphic designers .....	27-1024	22.1	1.4	—	19.1	19.1	—	1.0	—
Interior designers .....	27-1025	54.9	25.9	5.7	—	—	—	10.6	—
Merchandise displayers and window trimmers .....	27-1026	41.5	11.4	5.6	3.3	3.3	—	7.7	—
Set and exhibit designers .....	27-1027	59.3	—	—	—	—	—	—	—
Entertainers and performers, sports and related workers .....	27-2000	153.3	67.7	16.7	2.8	2.8	—	14.6	1.6
Actors, producers, and directors .....	27-2010	35.2	11.7	1.7	—	—	—	8.8	3.1
Actors .....	27-2011	51.1	25.0	—	—	—	—	—	—
Producers and directors .....	27-2012	29.2	6.7	—	—	—	—	12.0	—
Athletes, coaches, umpires, and related workers .....	27-2020	282.7	111.3	37.7	5.1	5.1	—	24.2	—
Athletes and sports competitors .....	27-2021	2,041.4	921.7	264.4	42.9	42.9	—	226.6	—
Coaches and scouts .....	27-2022	103.1	28.3	15.2	—	—	—	—	—
Umpires, referees, and other sports officials .....	27-2023	79.7	—	—	—	—	—	41.1	—
Dancers and choreographers .....	27-2030	267.6	185.8	24.0	—	—	—	12.1	—
Dancers .....	27-2031	630.2	437.6	56.5	—	—	—	28.5	—
Musicians, singers, and related workers .....	27-2040	30.7	11.4	—	—	—	—	—	—
Musicians and singers .....	27-2042	34.1	10.8	—	—	—	—	—	—
Media and communication workers .....	27-3000	9.1	2.7	.8	—	—	—	.7	—
Announcers .....	27-3010	9.4	—	—	—	—	—	—	—
News analysts, reporters and correspondents .....	27-3020	43.9	14.0	—	—	—	—	—	—
Broadcast news analysts .....	27-3021	83.8	—	—	—	—	—	—	—
Reporters and correspondents .....	27-3022	38.8	15.8	—	—	—	—	—	—
Public relations specialists .....	27-3030	1.0	—	—	—	—	—	—	—
Public relations specialists .....	27-3031	1.0	—	—	—	—	—	—	—
Writers and editors .....	27-3040	5.4	1.4	—	—	—	—	—	—
Editors .....	27-3041	4.2	—	—	—	—	—	—	—
Technical writers .....	27-3042	10.3	5.1	—	—	—	—	—	—
Miscellaneous media and communication workers .....	27-3090	29.4	11.6	—	—	—	—	6.2	—
Interpreters and translators .....	27-3091	25.7	—	—	—	—	—	—	—
Media and communication equipment workers .....	27-4000	45.1	23.1	6.2	—	—	—	1.3	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Teacher assistants .....	—	—	—	—	3.8	1.3	2.1	33.8	14.1	26.4
Teacher assistants .....	—	—	—	—	3.8	1.3	2.1	33.8	14.1	26.4
Arts, design, entertainment, sports, and media occupations .....	—	3.4	0.2	0.5	1.1	.1	.5	5.1	.7	7.9
Art and design workers .....	—	10.1	—	—	.9	—	.8	1.1	—	4.4
Artists and related workers .....	—	—	—	—	—	—	—	3.8	—	—
Art directors .....	—	—	—	—	—	—	—	—	—	—
Craft artists .....	—	—	—	—	—	—	—	—	—	—
Fine artists, including painters, sculptors, and illustrators .....	—	—	—	—	—	—	—	—	—	—
Designers .....	—	11.8	—	—	1.1	—	.9	.6	—	4.8
Floral designers .....	—	—	—	—	—	—	—	—	—	11.9
Graphic designers .....	—	—	—	—	—	—	—	—	—	—
Interior designers .....	—	—	—	—	—	—	—	—	—	9.2
Merchandise displayers and window trimmers .....	—	—	—	—	—	—	—	—	—	7.4
Set and exhibit designers .....	—	—	—	—	—	—	—	—	—	—
Entertainers and performers, sports and related workers .....	—	—	—	2.0	1.6	—	—	21.2	2.2	25.0
Actors, producers, and directors .....	—	—	—	—	—	—	—	2.2	—	6.6
Actors .....	—	—	—	—	—	—	—	—	—	13.0
Producers and directors .....	—	—	—	—	—	—	—	—	—	4.2
Athletes, coaches, umpires, and related workers .....	—	—	—	2.8	—	—	—	52.3	—	47.4
Athletes and sports competitors .....	—	—	—	29.5	—	—	—	108.5	—	434.9
Coaches and scouts .....	—	—	—	—	—	—	—	49.2	—	7.6
Umpires, referees, and other sports officials .....	—	—	—	—	—	—	—	—	—	—
Dancers and choreographers .....	—	—	—	—	—	—	—	12.9	10.3	24.4
Dancers .....	—	—	—	—	—	—	—	30.4	24.3	57.4
Musicians, singers, and related workers .....	—	—	—	—	—	—	—	—	—	—
Musicians and singers .....	—	—	—	—	—	—	—	—	—	—
Media and communication workers .....	—	—	.4	—	1.0	—	—	1.1	—	2.0
Announcers .....	—	—	—	—	—	—	—	—	—	—
News analysts, reporters and correspondents .....	—	—	—	—	6.9	—	—	5.5	—	10.9
Broadcast news analysts .....	—	—	—	—	—	—	—	39.1	—	—
Reporters and correspondents .....	—	—	—	—	5.9	—	—	—	—	8.6
Public relations specialists .....	—	—	—	—	—	—	—	—	—	—
Public relations specialists .....	—	—	—	—	—	—	—	—	—	—
Writers and editors .....	—	—	—	—	—	—	—	—	—	1.7
Editors .....	—	—	—	—	—	—	—	—	—	1.8
Technical writers .....	—	—	—	—	—	—	—	—	—	—
Miscellaneous media and communication workers .....	—	—	—	—	—	—	—	—	—	—
Interpreters and translators .....	—	—	—	—	—	—	—	—	—	—
Media and communication equipment workers .....	—	—	—	—	1.3	—	—	3.1	1.6	9.1

See footnotes at end of table.



TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Broadcast and sound engineering technicians and radio operators .....	27-4010	25.6	10.2	—	—	—	—	—	—
Audio and video equipment technicians .....	27-4011	23.1	9.6	—	—	—	—	—	—
Broadcast technicians .....	27-4012	38.6	13.1	—	—	—	—	—	—
Photographers .....	27-4020	89.0	52.1	17.2	—	—	—	—	—
Photographers .....	27-4021	89.0	52.1	17.2	—	—	—	—	—
Television, video, and motion picture camera operators and editors .....	27-4030	20.1	10.7	—	—	—	—	—	—
Camera operators, television, video, and motion picture .....	27-4031	40.3	22.0	—	—	—	—	—	—
Healthcare practitioners and technical occupations	29-0000	95.5	48.4	5.4	2.1	1.1	1.0	8.9	0.3
Health diagnosing and treating practitioners .....	29-1000	79.1	42.2	4.7	1.5	.7	.8	7.7	.4
Dentists .....	29-1020	6.0	5.2	—	—	—	—	—	—
Dentists, general .....	29-1021	4.8	4.1	—	—	—	—	—	—
Dietitians and nutritionists .....	29-1030	107.5	31.4	10.8	4.9	4.9	—	—	14.2
Dietitians and nutritionists .....	29-1031	107.5	31.4	10.8	4.9	4.9	—	—	14.2
Pharmacists .....	29-1050	19.8	9.3	1.3	—	—	—	—	—
Pharmacists .....	29-1051	19.8	9.3	1.3	—	—	—	—	—
Physicians and surgeons .....	29-1060	9.7	2.9	.8	.5	.5	—	—	—
Anesthesiologists .....	29-1061	37.4	13.7	—	—	—	—	—	—
Family and general practitioners .....	29-1062	4.0	—	—	—	—	—	—	—
Psychiatrists .....	29-1066	62.4	—	—	—	—	—	—	—
Surgeons .....	29-1067	4.1	—	—	—	—	—	—	—
Physician assistants .....	29-1070	12.0	—	—	—	—	—	—	—
Physician assistants .....	29-1071	12.0	—	—	—	—	—	—	—
Registered nurses .....	29-1110	119.4	66.7	6.8	2.1	.9	1.2	12.7	.4
Registered nurses .....	29-1111	119.4	66.7	6.8	2.1	.9	1.2	12.7	.4
Therapists .....	29-1120	72.1	36.2	4.7	.6	.5	—	5.3	—
Audiologists .....	29-1121	100.7	—	—	—	—	—	—	—
Occupational therapists .....	29-1122	60.9	26.9	—	—	—	—	3.3	—
Physical therapists .....	29-1123	66.3	44.2	5.0	—	—	—	1.8	—
Radiation therapists .....	29-1124	51.3	18.8	—	—	—	—	—	—
Recreational therapists .....	29-1125	40.5	—	—	—	—	—	—	—
Respiratory therapists .....	29-1126	81.2	37.0	6.1	—	—	—	9.6	—
Speech-language pathologists .....	29-1127	13.5	9.1	—	—	—	—	—	—
Veterinarians .....	29-1130	65.4	—	—	6.2	—	6.2	—	—
Veterinarians .....	29-1131	65.4	—	—	6.2	—	6.2	—	—
Health technologists and technicians .....	29-2000	123.8	59.1	6.5	3.2	1.8	1.4	11.2	.2
Clinical laboratory technologists and technicians .....	29-2010	74.3	32.1	5.1	3.1	2.8	—	8.9	—
Medical and clinical laboratory technologists .....	29-2011	48.7	21.1	2.5	2.1	2.1	—	5.3	—
Medical and clinical laboratory technicians .....	29-2012	101.4	43.8	7.9	4.2	3.5	—	12.6	—
Dental hygienists .....	29-2020	43.2	1.6	4.8	—	—	—	—	—
Dental hygienists .....	29-2021	43.2	1.6	4.8	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Broadcast and sound engineering technicians and radio operators .....	—	—	—	—	—	—	—	3.2	—	8.5
Audio and video equipment technicians .....	—	—	—	—	—	—	—	—	—	6.2
Broadcast technicians .....	—	—	—	—	—	—	—	8.1	—	15.2
Photographers .....	—	—	—	—	—	—	—	—	—	12.8
Photographers .....	—	—	—	—	—	—	—	—	—	12.8
Television, video, and motion picture camera operators and editors .....	—	—	—	—	—	—	—	—	—	—
Camera operators, television, video, and motion picture .....	—	—	—	—	—	—	—	—	—	—
Healthcare practitioners and technical occupations	0.2	0.1	0.4	0.9	4.1	0.6	2.3	9.3	3.3	15.3
Health diagnosing and treating practitioners .....	—	( <sup>7</sup> )	.2	.2	3.2	.6	1.5	7.1	2.6	11.8
Dentists .....	—	—	—	—	—	—	—	—	—	—
Dentists, general .....	—	—	—	—	—	—	—	—	—	—
Dietitians and nutritionists .....	—	—	—	—	7.6	—	5.9	12.4	—	21.7
Dietitians and nutritionists .....	—	—	—	—	7.6	—	5.9	12.4	—	21.7
Pharmacists .....	—	—	—	—	1.0	.8	—	.8	—	6.4
Pharmacists .....	—	—	—	—	1.0	.8	—	.8	—	6.4
Physicians and surgeons .....	—	—	—	—	—	—	—	1.6	—	3.3
Anesthesiologists .....	—	—	—	—	—	—	—	—	—	17.5
Family and general practitioners .....	—	—	—	—	—	—	—	—	—	3.7
Psychiatrists .....	—	—	—	—	—	—	—	41.2	—	—
Surgeons .....	—	—	—	—	—	—	—	—	—	—
Physician assistants .....	—	—	—	—	—	—	—	3.7	—	—
Physician assistants .....	—	—	—	—	—	—	—	3.7	—	—
Registered nurses .....	—	.1	.3	.2	4.7	.6	2.4	10.2	4.1	15.3
Registered nurses .....	—	.1	.3	.2	4.7	.6	2.4	10.2	4.1	15.3
Therapists .....	—	—	—	—	3.4	1.5	1.0	8.4	2.6	12.7
Audiologists .....	—	—	—	—	—	—	—	—	—	—
Occupational therapists .....	—	—	—	—	3.6	—	—	7.7	5.5	17.2
Physical therapists .....	—	—	—	—	1.7	—	—	7.3	3.1	4.5
Radiation therapists .....	—	—	—	—	—	—	—	—	—	—
Recreational therapists .....	—	—	—	—	—	—	—	—	—	—
Respiratory therapists .....	—	—	—	—	3.0	—	—	6.4	—	18.7
Speech-language pathologists .....	—	—	—	—	—	—	—	—	—	—
Veterinarians .....	—	—	—	—	—	—	—	—	—	44.2
Veterinarians .....	—	—	—	—	—	—	—	—	—	44.2
Health technologists and technicians .....	.3	.1	.8	2.2	5.5	.7	3.6	13.1	4.5	21.5
Clinical laboratory technologists and technicians .....	—	—	1.0	—	2.5	—	2.0	8.0	1.8	12.3
Medical and clinical laboratory technologists .....	—	—	1.4	—	3.3	—	2.7	5.4	—	7.1
Medical and clinical laboratory technicians .....	—	—	—	—	1.6	—	—	10.7	2.6	17.9
Dental hygienists .....	—	—	—	—	—	—	—	—	—	—
Dental hygienists .....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Diagnostic related technologists and technicians .....	29-2030	83.3	42.0	4.0	8.5	1.2	7.4	5.3	—
Cardiovascular technologists and technicians .....	29-2031	51.0	28.8	—	—	—	—	—	—
Diagnostic medical sonographers .....	29-2032	69.8	43.5	—	—	—	—	—	—
Nuclear medicine technologists .....	29-2033	29.4	13.2	—	—	—	—	—	—
Radiologic technologists and technicians ....	29-2034	99.6	47.7	4.7	13.2	1.6	—	7.3	—
Emergency medical technicians and paramedics .....	29-2040	438.5	292.5	12.1	5.4	3.4	1.9	36.1	—
Emergency medical technicians and paramedics .....	29-2041	438.5	292.5	12.1	5.4	3.4	1.9	36.1	—
Health diagnosing and treating practitioner support technicians .....	29-2050	118.3	44.7	6.5	3.1	2.5	.6	8.1	0.4
Dietetic technicians .....	29-2051	53.6	14.9	—	—	—	—	10.5	—
Pharmacy technicians .....	29-2052	36.0	18.4	3.0	—	—	—	1.3	—
Psychiatric technicians .....	29-2053	367.5	157.7	24.9	14.5	—	8.8	58.2	—
Respiratory therapy technicians .....	29-2054	37.6	19.5	—	—	—	—	—	—
Surgical technologists .....	29-2055	168.5	78.5	6.3	11.8	10.9	—	21.1	—
Veterinary technologists and technicians ....	29-2056	350.1	91.2	16.9	—	—	—	6.2	—
Licensed practical and licensed vocational nurses .....	29-2060	121.2	56.1	6.7	1.5	1.1	.4	12.3	—
Licensed practical and licensed vocational nurses .....	29-2061	121.2	56.1	6.7	1.5	1.1	.4	12.3	—
Medical records and health information technicians .....	29-2070	57.2	18.2	7.1	—	—	—	5.3	—
Medical records and health information technicians .....	29-2071	57.2	18.2	7.1	—	—	—	5.3	—
Opticians, dispensing .....	29-2080	10.0	—	—	—	—	—	4.5	—
Opticians, dispensing .....	29-2081	10.0	—	—	—	—	—	4.5	—
Miscellaneous health technologists and technicians .....	29-2090	258.5	109.2	14.5	4.8	3.0	—	33.7	—
Other healthcare practitioners and technical occupations .....	29-9000	71.4	38.9	6.2	—	—	—	5.6	—
Occupational health and safety specialists and technicians .....	29-9010	51.9	16.5	12.4	—	—	—	6.3	—
Occupational health and safety specialists .....	29-9011	57.5	18.3	14.4	—	—	—	7.7	—
Occupational health and safety technicians .....	29-9012	27.6	—	—	—	—	—	—	—
Miscellaneous health practitioners and technical workers .....	29-9090	84.5	53.9	—	—	—	—	5.1	—
Athletic trainers .....	29-9091	15.9	—	—	—	—	—	—	—
Healthcare support occupations .....	31-0000	236.1	120.7	8.5	7.4	4.4	3.0	21.1	1.4
Nursing, psychiatric, and home health aides .....	31-1000	298.7	165.9	9.3	4.2	2.9	1.3	25.9	.7
Nursing, psychiatric, and home health aides ...	31-1010	298.7	165.9	9.3	4.2	2.9	1.3	25.9	.7
Home health aides .....	31-1011	108.6	49.0	4.5	2.9	2.1	.8	5.8	.2
Nursing aides, orderlies, and attendants .....	31-1012	424.1	246.3	11.3	4.9	3.4	1.6	37.1	1.1

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									All other natures <sup>6</sup>
	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	
Diagnostic related technologists and technicians .....	—	—	—	1.2	4.1	—	2.0	6.4	3.6	11.0
Cardiovascular technologists and technicians .....	—	—	—	—	—	—	—	4.5	—	8.5
Diagnostic medical sonographers .....	—	—	—	—	—	—	—	—	—	8.0
Nuclear medicine technologists .....	—	—	—	—	—	—	—	—	—	—
Radiologic technologists and technicians ....	—	—	—	1.5	3.5	—	2.7	8.3	5.4	12.8
Emergency medical technicians and paramedics .....	—	—	—	—	27.1	1.2	24.0	34.6	17.4	28.8
Emergency medical technicians and paramedics .....	—	—	—	—	27.1	1.2	24.0	34.6	17.4	28.8
Health diagnosing and treating practitioner support technicians .....	0.4	—	0.9	—	2.5	.6	1.5	10.6	4.8	40.2
Dietetic technicians .....	—	—	—	—	—	—	—	—	—	—
Pharmacy technicians .....	—	—	—	—	—	—	—	6.8	4.3	4.1
Psychiatric technicians .....	—	—	—	—	15.4	—	9.4	49.7	9.9	44.7
Respiratory therapy technicians .....	—	—	—	—	—	—	—	—	—	—
Surgical technologists .....	—	—	3.8	—	4.4	—	3.6	16.3	7.4	23.2
Veterinary technologists and technicians ....	—	—	—	—	3.0	3.0	—	9.0	—	219.2
Licensed practical and licensed vocational nurses .....	—	—	—	.5	6.0	.6	3.0	18.3	4.2	19.4
Licensed practical and licensed vocational nurses .....	—	—	—	.5	6.0	.6	3.0	18.3	4.2	19.4
Medical records and health information technicians .....	—	—	1.3	—	2.4	1.3	—	8.9	3.0	12.9
Medical records and health information technicians .....	—	—	1.3	—	2.4	1.3	—	8.9	3.0	12.9
Opticians, dispensing .....	—	—	—	—	—	—	—	—	—	—
Opticians, dispensing .....	—	—	—	—	—	—	—	—	—	—
Miscellaneous health technologists and technicians .....	3.2	—	6.8	—	14.9	3.8	9.0	25.7	4.0	44.4
Other healthcare practitioners and technical occupations .....	2.1	—	—	—	6.3	3.7	—	4.9	—	5.5
Occupational health and safety specialists and technicians .....	5.1	—	—	—	—	—	—	—	—	—
Occupational health and safety specialists .....	6.3	—	—	—	—	—	—	—	—	—
Occupational health and safety technicians .....	—	—	—	—	—	—	—	—	—	—
Miscellaneous health practitioners and technical workers .....	—	—	—	—	9.0	6.0	—	5.3	—	6.5
Athletic trainers .....	—	—	—	—	—	—	—	—	—	—
Healthcare support occupations .....	.4	—	.3	.3	7.6	.6	4.2	36.5	13.1	31.9
Nursing, psychiatric, and home health aides .....	.1	—	.1	.4	8.8	.7	4.8	46.9	18.6	36.2
Nursing, psychiatric, and home health aides ...	.1	—	.1	.4	8.8	.7	4.8	46.9	18.6	36.2
Home health aides .....	—	—	—	—	4.8	.3	1.5	23.6	6.5	17.6
Nursing aides, orderlies, and attendants .....	.2	—	—	.7	10.9	1.0	6.9	63.4	26.9	47.9

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Psychiatric aides .....	31-1013	805.2	331.6	75.1	11.2	9.3	—	165.3	—
Occupational and physical therapist assistants and aides .....	31-2000	53.6	34.6	4.0	—	—	—	2.6	—
Occupational therapist assistants and aides ...	31-2010	71.5	52.7	—	—	—	—	—	—
Occupational therapist assistants .....	31-2011	72.8	53.6	—	—	—	—	—	—
Occupational therapist aides .....	31-2012	66.7	49.5	—	—	—	—	—	—
Physical therapist assistants and aides .....	31-2020	48.1	29.1	4.1	—	—	—	3.2	—
Physical therapist assistants .....	31-2021	35.0	23.4	—	—	—	—	—	—
Physical therapist aides .....	31-2022	67.0	37.3	8.3	—	—	—	7.8	—
Other healthcare support occupations .....	31-9000	139.3	45.4	7.6	14.3	7.7	6.6	14.1	2.9
Massage therapists .....	31-9010	88.1	51.8	—	—	—	—	6.8	—
Massage therapists .....	31-9011	88.1	51.8	—	—	—	—	6.8	—
Miscellaneous healthcare support occupations	31-9090	141.2	45.2	7.8	14.8	7.9	6.9	14.4	3.0
Dental assistants .....	31-9091	48.3	3.7	2.1	14.2	—	—	6.9	—
Medical assistants .....	31-9092	24.6	7.4	1.4	1.0	.8	—	2.5	—
Medical equipment preparers .....	31-9093	190.7	97.2	6.9	23.6	19.3	—	13.8	4.8
Medical transcriptionists .....	31-9094	28.2	4.5	4.4	—	—	—	12.1	—
Pharmacy aides .....	31-9095	195.2	89.3	—	—	—	—	4.8	—
Veterinary assistants and laboratory animal caretakers .....	31-9096	382.0	37.3	7.2	96.7	48.7	48.0	15.6	—
Protective service occupations .....	33-0000	117.7	46.2	9.0	4.8	3.8	1.0	13.1	—
First-line supervisors/managers, protective service workers .....	33-1000	125.6	30.8	8.0	12.1	—	8.9	6.3	—
Fire fighters .....	33-2010	245.4	151.2	—	—	—	—	—	—
Fire fighters .....	33-2011	245.4	151.2	—	—	—	—	—	—
Correctional officers and jailers .....	33-3012	502.4	223.1	24.4	42.6	39.4	—	47.3	—
Police officers .....	33-3050	285.8	134.0	—	28.9	—	—	58.5	—
Police and sheriff's patrol officers .....	33-3051	285.3	118.5	—	—	—	—	61.6	—
Private detectives and investigators .....	33-9020	19.1	11.8	—	—	—	—	—	—
Private detectives and investigators .....	33-9021	19.1	11.8	—	—	—	—	—	—
Security guards and gaming surveillance officers .....	33-9030	98.7	37.2	8.4	2.9	2.4	.5	11.2	—
Gaming surveillance officers and gaming investigators .....	33-9031	487.3	256.2	—	—	—	—	—	—
Security guards .....	33-9032	97.0	36.2	8.3	2.9	2.4	.5	11.1	—
Lifeguards, ski patrol, and other recreational protective service workers .....	33-9092	192.4	58.3	23.6	16.9	16.5	—	33.9	—
Food preparation and serving related occupations	35-0000	98.1	28.7	4.1	21.2	20.8	.4	8.0	9.8
Supervisors, food preparation and serving workers .....	35-1000	102.0	33.9	4.1	16.6	16.4	—	5.8	7.7
First-line supervisors/managers, food preparation and serving workers .....	35-1010	102.0	33.9	4.1	16.6	16.4	—	5.8	7.7
Chefs and head cooks .....	35-1011	146.6	44.6	4.2	37.4	36.8	—	3.2	31.7
First-line supervisors/managers of food preparation and serving workers .....	35-1012	96.2	32.4	4.1	13.9	13.7	—	6.1	4.5

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Psychiatric aides .....	—	—	—	—	44.6	—	15.2	64.6	33.6	110.8
Occupational and physical therapist assistants and aides .....	—	—	—	—	1.5	—	—	5.2	1.9	3.8
Occupational therapist assistants and aides .....	—	—	—	—	—	—	—	—	—	8.9
Occupational therapist assistants .....	—	—	—	—	—	—	—	—	—	8.9
Occupational therapist aides .....	—	—	—	—	—	—	—	—	—	—
Physical therapist assistants and aides .....	—	—	—	—	—	—	—	6.8	2.5	2.2
Physical therapist assistants .....	—	—	—	—	—	—	—	5.4	—	—
Physical therapist aides .....	—	—	—	—	—	—	—	8.7	4.6	—
Other healthcare support occupations .....	0.9	—	0.7	—	6.0	0.4	3.4	20.3	4.0	26.9
Massage therapists .....	—	—	—	—	—	—	—	9.0	—	12.8
Massage therapists .....	—	—	—	—	—	—	—	9.0	—	12.8
Miscellaneous healthcare support occupations .....	1.0	—	.6	—	6.2	.4	3.5	20.8	4.1	27.4
Dental assistants .....	—	—	—	—	—	—	—	19.1	1.0	2.1
Medical assistants .....	—	—	—	—	2.2	.4	1.5	3.4	2.2	6.2
Medical equipment preparers .....	5.8	—	—	—	6.4	—	—	14.5	7.8	17.8
Medical transcriptionists .....	—	—	2.7	—	—	—	—	—	—	2.5
Pharmacy aides .....	—	—	—	—	38.7	—	12.7	10.6	6.0	48.0
Veterinary assistants and laboratory animal caretakers .....	—	—	—	—	—	—	—	23.0	—	196.1
Protective service occupations .....	.2	—	—	—	7.0	.9	3.0	14.2	2.5	22.8
First-line supervisors/managers, protective service workers .....	—	—	—	—	12.5	6.0	—	30.8	6.9	24.3
Fire fighters .....	—	—	—	—	—	—	—	—	—	39.8
Fire fighters .....	—	—	—	—	—	—	—	—	—	39.8
Correctional officers and jailers .....	—	—	—	—	—	—	—	60.1	—	92.3
Police officers .....	—	—	—	—	—	—	—	—	—	40.2
Police and sheriff's patrol officers .....	—	—	—	—	—	—	—	—	—	48.1
Private detectives and investigators .....	—	—	—	—	—	—	—	—	—	—
Private detectives and investigators .....	—	—	—	—	—	—	—	—	—	—
Security guards and gaming surveillance officers .....	—	—	—	—	7.1	.6	3.0	11.3	2.1	20.4
Gaming surveillance officers and gaming investigators .....	—	—	—	—	—	—	—	—	—	119.4
Security guards .....	—	—	—	—	7.0	.6	3.0	11.3	2.1	20.0
Lifeguards, ski patrol, and other recreational protective service workers .....	—	—	—	—	8.3	—	5.3	16.1	—	35.3
Food preparation and serving related occupations .....	1.0	0.5	1.0	0.2	2.8	.2	1.2	9.4	3.3	11.5
Supervisors, food preparation and serving workers .....	.3	—	2.2	—	4.4	.6	.6	12.0	5.2	15.0
First-line supervisors/managers, food preparation and serving workers .....	.3	—	2.2	—	4.4	.6	.6	12.0	5.2	15.0
Chefs and head cooks .....	—	—	—	—	8.1	2.4	—	5.5	2.1	10.4
First-line supervisors/managers of food preparation and serving workers .....	—	—	2.5	—	3.9	.3	.6	12.8	5.6	15.6

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Cooks and food preparation workers .....	35-2000	135.3	35.1	3.6	35.2	34.5	0.6	8.0	20.8
Cooks .....	35-2010	130.2	29.9	3.2	34.8	34.1	.7	7.6	23.5
Cooks, fast food .....	35-2011	31.8	10.5	—	5.3	5.3	—	6.6	2.3
Cooks, institution and cafeteria .....	35-2012	254.1	63.8	8.4	41.9	40.4	1.5	19.2	48.4
Cooks, restaurant .....	35-2014	164.3	32.2	4.2	54.9	53.7	1.1	5.8	30.5
Cooks, short order .....	35-2015	66.4	18.5	—	7.1	7.1	—	2.9	19.6
Food preparation workers .....	35-2020	150.0	49.8	4.8	36.3	35.9	.4	9.2	13.4
Food preparation workers .....	35-2021	150.0	49.8	4.8	36.3	35.9	.4	9.2	13.4
Food and beverage serving workers .....	35-3000	73.7	23.3	3.8	14.0	13.8	.2	8.0	5.6
Bartenders .....	35-3010	66.1	28.0	4.3	11.9	11.9	—	6.3	2.6
Bartenders .....	35-3011	66.1	28.0	4.3	11.9	11.9	—	6.3	2.6
Fast food and counter workers .....	35-3020	74.8	20.7	3.8	15.1	15.0	.1	8.0	7.1
Combined food preparation and serving workers, including fast food .....	35-3021	75.1	21.6	3.2	15.7	15.5	.2	8.4	7.5
Counter attendants, cafeteria, food concession, and coffee shop .....	35-3022	72.7	14.3	8.2	11.5	11.4	—	5.3	4.1
Waiters and waitresses .....	35-3030	57.9	18.4	3.4	11.6	11.2	.4	6.2	3.5
Waiters and waitresses .....	35-3031	57.9	18.4	3.4	11.6	11.2	.4	6.2	3.5
Food servers, nonrestaurant .....	35-3040	268.3	112.8	8.0	30.7	30.4	—	33.6	14.3
Food servers, nonrestaurant .....	35-3041	268.3	112.8	8.0	30.7	30.4	—	33.6	14.3
Other food preparation and serving related workers .....	35-9000	124.3	35.1	6.7	26.6	25.9	.7	10.5	5.4
Dining room and cafeteria attendants and bartender helpers .....	35-9010	92.8	25.2	10.5	13.8	13.1	—	7.3	3.2
Dining room and cafeteria attendants and bartender helpers .....	35-9011	92.8	25.2	10.5	13.8	13.1	—	7.3	3.2
Dishwashers .....	35-9020	132.1	37.9	3.8	39.1	38.9	—	9.8	6.2
Dishwashers .....	35-9021	132.1	37.9	3.8	39.1	38.9	—	9.8	6.2
Hosts and hostesses, restaurant, lounge, and coffee shop .....	35-9030	43.3	14.7	3.2	3.4	1.8	—	6.0	—
Hosts and hostesses, restaurant, lounge, and coffee shop .....	35-9031	43.3	14.7	3.2	3.4	1.8	—	6.0	—
Building and grounds cleaning and maintenance occupations .....	37-0000	253.4	98.5	21.2	20.4	18.1	2.3	25.3	1.2
Supervisors, building and grounds cleaning and maintenance workers .....	37-1000	213.8	84.7	15.7	18.7	18.2	—	14.7	—
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	37-1010	213.8	84.7	15.7	18.7	18.2	—	14.7	—
First-line supervisors/managers of housekeeping and janitorial workers .....	37-1011	163.0	64.1	9.5	11.2	10.4	—	19.9	—
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	37-1012	291.0	115.9	25.2	30.3	29.9	—	6.7	—
Building cleaning and pest control workers .....	37-2000	253.8	105.6	19.9	16.5	15.1	1.5	26.2	1.2
Building cleaning workers .....	37-2010	255.7	104.3	20.5	16.8	15.3	1.5	27.0	1.2

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Cooks and food preparation workers .....	1.8	1.0	1.7	0.4	2.9	—	1.2	12.2	5.2	12.7
Cooks .....	1.4	1.0	2.0	.4	2.8	—	1.2	11.3	4.8	12.2
Cooks, fast food .....	—	—	—	—	—	—	—	3.4	1.6	3.4
Cooks, institution and cafeteria .....	—	2.1	1.6	—	4.5	—	3.2	39.4	12.4	23.1
Cooks, restaurant .....	2.4	1.4	3.7	.7	2.7	—	1.5	10.0	5.6	15.8
Cooks, short order .....	—	—	—	—	5.4	—	—	4.3	—	6.6
Food preparation workers .....	2.7	1.0	.6	—	2.9	—	1.2	14.6	6.3	14.3
Food preparation workers .....	2.7	1.0	.6	—	2.9	—	1.2	14.6	6.3	14.3
Food and beverage serving workers .....	.5	.2	.5	.1	2.3	0.2	1.1	6.7	2.0	8.7
Bartenders .....	—	—	—	—	2.5	—	—	4.4	.8	6.1
Bartenders .....	—	—	—	—	2.5	—	—	4.4	.8	6.1
Fast food and counter workers .....	.8	.4	.3	.2	2.2	.2	1.2	6.4	2.6	9.7
Combined food preparation and serving workers, including fast food .....	1.0	.5	.3	.2	2.4	.2	1.3	5.3	1.7	9.1
Counter attendants, cafeteria, food concession, and coffee shop .....	—	—	—	—	1.3	—	—	14.2	9.1	13.7
Waiters and waitresses .....	—	—	.3	—	1.9	—	.9	6.3	1.1	6.3
Waiters and waitresses .....	—	—	.3	—	1.9	—	.9	6.3	1.1	6.3
Food servers, nonrestaurant .....	—	—	7.9	—	7.5	1.3	2.6	22.6	5.6	29.9
Food servers, nonrestaurant .....	—	—	7.9	—	7.5	1.3	2.6	22.6	5.6	29.9
Other food preparation and serving related workers .....	2.2	.8	.5	—	4.1	.8	2.8	13.5	3.3	19.0
Dining room and cafeteria attendants and bartender helpers .....	—	—	1.0	—	3.5	.7	2.5	10.6	2.1	17.0
Dining room and cafeteria attendants and bartender helpers .....	—	—	1.0	—	3.5	.7	2.5	10.6	2.1	17.0
Dishwashers .....	4.2	1.7	—	—	3.9	.8	2.4	12.4	4.4	13.0
Dishwashers .....	4.2	1.7	—	—	3.9	.8	2.4	12.4	4.4	13.0
Hosts and hostesses, restaurant, lounge, and coffee shop .....	—	—	—	—	2.1	—	—	5.6	—	8.2
Hosts and hostesses, restaurant, lounge, and coffee shop .....	—	—	—	—	2.1	—	—	5.6	—	8.2
Building and grounds cleaning and maintenance occupations .....	2.1	.7	.6	.7	10.5	4.0	2.9	29.4	8.9	42.7
Supervisors, building and grounds cleaning and maintenance workers .....	1.8	—	—	—	20.6	16.4	1.2	19.9	7.9	33.7
First-line supervisors/managers, building and grounds cleaning and maintenance workers .....	1.8	—	—	—	20.6	16.4	1.2	19.9	7.9	33.7
First-line supervisors/managers of housekeeping and janitorial workers .....	2.6	—	—	—	4.0	1.8	—	20.4	6.5	29.9
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers .....	—	—	—	—	45.8	38.6	2.0	19.2	10.0	39.6
Building cleaning and pest control workers .....	2.4	.5	.8	.8	9.6	1.8	3.8	33.2	9.9	37.0
Building cleaning workers .....	2.5	.5	.8	.9	9.7	1.7	3.9	33.6	10.2	37.8

See footnotes at end of table.



TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Janitors and cleaners, except maids and housekeeping cleaners .....	37-2011	242.6	97.2	22.5	20.1	18.3	1.8	22.2	1.4
Maids and housekeeping cleaners .....	37-2012	262.7	112.5	16.5	10.3	9.6	.8	33.2	.8
Pest control workers .....	37-2020	197.9	143.8	2.7	8.0	6.5	—	—	—
Pest control workers .....	37-2021	197.9	143.8	2.7	8.0	6.5	—	—	—
Grounds maintenance workers .....	37-3000	265.3	82.8	26.7	32.0	26.9	5.1	26.1	1.8
Grounds maintenance workers .....	37-3010	265.3	82.8	26.7	32.0	26.9	5.1	26.1	1.8
Landscaping and groundskeeping workers	37-3011	228.3	74.0	25.0	26.2	21.1	5.0	19.4	1.9
Pesticide handlers, sprayers, and applicators, vegetation .....	37-3012	41.9	26.8	—	—	—	—	—	—
Tree trimmers and pruners .....	37-3013	679.6	167.8	61.3	50.3	43.6	6.7	157.7	—
Personal care and service occupations .....	39-0000	116.9	50.4	7.5	7.6	6.8	.9	13.8	.4
Supervisors, personal care and service workers	39-1000	60.7	18.9	8.0	4.2	4.0	—	6.5	—
First-line supervisors/managers of gaming workers .....	39-1010	71.6	32.6	9.1	—	—	—	8.4	—
Gaming supervisors .....	39-1011	39.3	19.6	—	—	—	—	—	—
Slot key persons .....	39-1012	171.2	72.9	—	—	—	—	—	—
First-line supervisors/managers of personal service workers .....	39-1020	58.6	16.2	7.8	4.2	4.2	—	6.2	—
First-line supervisors/managers of personal service workers .....	39-1021	58.6	16.2	7.8	4.2	4.2	—	6.2	—
Animal care and service workers .....	39-2000	172.4	42.1	16.7	2.8	2.7	—	19.2	—
Animal trainers .....	39-2010	72.9	33.1	15.2	—	—	—	12.7	—
Animal trainers .....	39-2011	72.9	33.1	15.2	—	—	—	12.7	—
Nonfarm animal caretakers .....	39-2020	186.0	43.3	17.0	3.1	3.1	—	20.1	—
Nonfarm animal caretakers .....	39-2021	186.0	43.3	17.0	3.1	3.1	—	20.1	—
Entertainment attendants and related workers .....	39-3000	70.9	21.2	9.2	3.9	3.8	—	6.4	.6
Gaming services workers .....	39-3010	51.2	25.0	4.3	—	—	—	4.8	—
Gaming dealers .....	39-3011	56.1	27.6	3.7	—	—	—	4.8	—
Motion picture projectionists .....	39-3020	28.7	—	—	—	—	—	—	—
Motion picture projectionists .....	39-3021	28.7	—	—	—	—	—	—	—
Ushers, lobby attendants, and ticket takers .....	39-3030	76.7	24.0	14.5	—	—	—	—	—
Ushers, lobby attendants, and ticket takers .....	39-3031	76.7	24.0	14.5	—	—	—	—	—
Miscellaneous entertainment attendants and related workers .....	39-3090	79.1	19.6	10.1	5.5	5.5	—	8.6	—
Amusement and recreation attendants .....	39-3091	80.4	18.7	12.8	2.5	2.5	—	10.1	—
Locker room, coatroom, and dressing room attendants .....	39-3093	134.7	39.1	—	44.0	44.0	—	—	—
Funeral service workers .....	39-4000	15.8	10.6	—	—	—	—	—	—
Funeral attendants .....	39-4020	17.4	10.9	—	—	—	—	—	—
Funeral attendants .....	39-4021	17.4	10.9	—	—	—	—	—	—
Personal appearance workers .....	39-5000	59.8	19.3	2.8	26.2	26.1	—	.7	—
Barbers and cosmetologists .....	39-5010	59.9	24.0	1.1	21.2	21.1	—	.6	—
Hairdressers, hairstylists, and cosmetologists .....	39-5012	60.7	24.9	1.1	21.9	21.8	—	.6	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Janitors and cleaners, except maids and housekeeping cleaners .....	2.6	0.8	0.5	0.7	8.7	2.0	2.9	27.4	8.6	38.6
Maids and housekeeping cleaners .....	2.3	—	1.2	1.1	11.5	1.2	5.7	40.9	12.2	32.4
Pest control workers .....	—	—	—	—	6.2	4.7	—	20.9	—	12.9
Pest control workers .....	—	—	—	—	6.2	4.7	—	20.9	—	12.9
Grounds maintenance workers .....	1.3	.5	.3	.3	9.6	6.0	.9	21.7	6.5	62.3
Grounds maintenance workers .....	1.3	.5	.3	.3	9.6	6.0	.9	21.7	6.5	62.3
Landscaping and groundskeeping workers	1.2	.5	—	—	9.6	6.5	.3	19.0	6.3	51.1
Pesticide handlers, sprayers, and applicators, vegetation .....	—	—	—	—	—	—	—	—	—	12.4
Tree trimmers and pruners .....	—	—	—	—	—	—	—	29.3	—	209.1
Personal care and service occupations .....	.2	.3	.4	.5	5.2	.9	2.5	12.4	3.8	18.2
Supervisors, personal care and service workers	—	—	—	—	1.6	—	—	7.6	3.0	14.0
First-line supervisors/managers of gaming workers .....	—	—	—	—	—	—	—	7.7	—	8.4
Gaming supervisors .....	—	—	—	—	—	—	—	—	—	—
Slot key persons .....	—	—	—	—	—	—	—	—	—	—
First-line supervisors/managers of personal service workers .....	—	—	—	—	1.6	—	—	7.6	3.2	15.0
First-line supervisors/managers of personal service workers .....	—	—	—	—	1.6	—	—	7.6	3.2	15.0
Animal care and service workers .....	—	—	—	—	7.4	—	—	6.9	—	72.9
Animal trainers .....	—	—	—	—	—	—	—	—	—	—
Animal trainers .....	—	—	—	—	—	—	—	—	—	—
Nonfarm animal caretakers .....	—	—	—	—	8.0	—	—	7.4	—	82.2
Nonfarm animal caretakers .....	—	—	—	—	8.0	—	—	7.4	—	82.2
Entertainment attendants and related workers ....	—	—	1.2	—	2.5	.8	1.2	7.9	2.4	16.6
Gaming services workers .....	—	—	3.1	—	—	—	—	—	—	6.1
Gaming dealers .....	—	—	4.0	—	—	—	—	—	—	6.7
Motion picture projectionists .....	—	—	—	—	—	—	—	—	—	—
Motion picture projectionists .....	—	—	—	—	—	—	—	—	—	—
Ushers, lobby attendants, and ticket takers ....	—	—	—	—	—	—	—	12.0	—	21.2
Ushers, lobby attendants, and ticket takers	—	—	—	—	—	—	—	12.0	—	21.2
Miscellaneous entertainment attendants and related workers .....	—	—	—	—	3.2	1.4	1.1	9.2	2.6	19.6
Amusement and recreation attendants .....	—	—	—	—	3.7	1.7	—	7.8	—	22.3
Locker room, coatroom, and dressing room attendants .....	—	—	—	—	—	—	—	—	—	17.6
Funeral service workers .....	—	—	—	—	—	—	—	—	—	—
Funeral attendants .....	—	—	—	—	—	—	—	—	—	—
Funeral attendants .....	—	—	—	—	—	—	—	—	—	—
Personal appearance workers .....	—	—	1.1	2.0	1.3	—	—	1.6	—	4.7
Barbers and cosmetologists .....	—	—	1.4	2.5	1.7	—	—	1.6	—	5.7
Hairdressers, hairstylists, and cosmetologists .....	—	—	1.4	2.6	1.7	—	—	1.7	—	4.7

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Miscellaneous personal appearance workers	39-5090	59.5	2.3	8.9	44.1	44.1	—	—	—
Manicurists and pedicurists .....	39-5092	22.7	—	15.7	—	—	—	—	—
Skin care specialists .....	39-5094	164.9	—	—	153.4	153.4	—	—	—
Transportation, tourism, and lodging attendants	39-6000	293.5	144.6	9.0	4.2	4.1	—	59.2	—
Baggage porters, bellhops, and concierges ....	39-6010	104.9	58.0	5.5	—	—	—	12.3	—
Baggage porters and bellhops .....	39-6011	125.9	70.7	7.9	—	—	—	12.2	—
Concierges .....	39-6012	55.0	27.7	—	—	—	—	12.4	—
Tour and travel guides .....	39-6020	99.6	32.8	13.3	11.2	11.2	—	—	—
Tour guides and escorts .....	39-6021	109.7	37.5	14.1	12.8	12.8	—	—	—
Transportation attendants .....	39-6030	441.3	217.5	9.9	3.5	3.3	—	97.2	—
Flight attendants .....	39-6031	498.7	243.6	11.6	3.5	3.3	—	112.2	—
Transportation attendants, except flight attendants and baggage porters .....	39-6032	150.8	85.8	—	—	—	—	21.5	—
Other personal care and service workers .....	39-9000	123.1	58.8	7.5	4.0	2.4	1.6	13.5	0.5
Child care workers .....	39-9010	114.2	43.3	11.1	.8	.8	—	22.0	—
Child care workers .....	39-9011	114.2	43.3	11.1	.8	.8	—	22.0	—
Personal and home care aides .....	39-9020	163.9	90.2	6.5	6.4	2.6	3.7	12.6	—
Personal and home care aides .....	39-9021	163.9	90.2	6.5	6.4	2.6	3.7	12.6	—
Recreation and fitness workers .....	39-9030	60.3	24.4	6.5	2.5	2.4	—	5.6	—
Fitness trainers and aerobics instructors ....	39-9031	20.8	6.1	1.6	—	—	—	4.2	—
Recreation workers .....	39-9032	110.0	47.5	12.7	4.9	4.7	—	7.4	—
Residential advisors .....	39-9040	49.6	14.6	—	7.5	—	—	7.9	—
Residential advisors .....	39-9041	49.6	14.6	—	7.5	—	—	7.9	—
Sales and related occupations .....	41-0000	63.9	25.1	5.4	4.7	4.0	.7	6.9	.3
Supervisors, sales workers .....	41-1000	120.0	52.9	10.8	7.5	7.2	.3	10.6	.2
First-line supervisors/managers, sales workers .....	41-1010	120.0	52.9	10.8	7.5	7.2	.3	10.6	.2
First-line supervisors/managers of retail sales workers .....	41-1011	128.3	57.9	10.7	8.7	8.4	.3	10.1	.2
First-line supervisors/managers of non-retail sales workers .....	41-1012	82.2	30.3	11.5	2.0	1.7	—	12.9	—
Retail sales workers .....	41-2000	74.6	27.9	6.2	6.3	5.3	1.0	8.8	.5
Cashiers .....	41-2010	57.3	23.1	3.0	5.2	5.0	.2	5.5	.6
Cashiers .....	41-2011	57.3	23.0	3.0	5.2	5.0	.2	5.5	.6
Gaming change persons and booth cashiers .....	41-2012	71.0	41.9	—	—	—	—	—	—
Counter and rental clerks and parts salespersons .....	41-2020	38.8	13.5	3.2	.3	—	—	3.6	—
Counter and rental clerks .....	41-2021	25.0	6.2	1.4	—	—	—	1.0	—
Parts salespersons .....	41-2022	63.1	26.4	6.2	—	—	—	8.3	—
Retail salespersons .....	41-2030	92.6	33.6	8.9	8.0	6.3	1.7	11.9	.6
Retail salespersons .....	41-2031	92.6	33.6	8.9	8.0	6.3	1.7	11.9	.6
Sales representatives, services .....	41-3000	27.1	10.2	2.3	2.2	1.5	—	2.6	—
Advertising sales agents .....	41-3010	26.4	9.1	2.1	—	—	—	4.6	—
Advertising sales agents .....	41-3011	26.4	9.1	2.1	—	—	—	4.6	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Miscellaneous personal appearance workers	—	—	—	—	—	—	—	—	—	—
Manicurists and pedicurists .....	—	—	—	—	—	—	—	—	—	—
Skin care specialists .....	—	—	—	—	—	—	—	—	—	—
Transportation, tourism, and lodging attendants	—	—	—	—	13.4	—	10.7	24.2	6.9	38.0
Baggage porters, bellhops, and concierges ....	—	—	—	—	—	—	—	16.0	7.3	8.5
Baggage porters and bellhops .....	—	—	—	—	—	—	—	18.5	7.2	11.0
Concierges .....	—	—	—	—	—	—	—	10.1	—	—
Tour and travel guides .....	—	—	—	—	13.8	—	10.2	—	—	13.9
Tour guides and escorts .....	—	—	—	—	15.7	—	11.7	—	—	15.9
Transportation attendants .....	—	—	—	—	20.2	—	16.7	32.5	8.1	59.7
Flight attendants .....	—	—	—	—	23.2	—	19.8	35.2	8.1	68.4
Transportation attendants, except flight attendants and baggage porters .....	—	—	—	—	—	—	—	18.5	—	15.6
Other personal care and service workers .....	0.3	—	—	—	6.1	1.1	2.9	16.6	5.4	15.4
Child care workers .....	—	—	—	—	6.0	—	4.1	16.6	7.0	13.4
Child care workers .....	—	—	—	—	6.0	—	4.1	16.6	7.0	13.4
Personal and home care aides .....	.6	—	—	—	6.7	.8	3.8	21.1	6.3	19.2
Personal and home care aides .....	.6	—	—	—	6.7	.8	3.8	21.1	6.3	19.2
Recreation and fitness workers .....	—	—	—	—	6.6	2.8	—	6.2	1.7	7.9
Fitness trainers and aerobics instructors .....	—	—	—	—	5.1	4.8	—	1.5	—	1.5
Recreation workers .....	—	—	—	—	8.5	—	—	12.0	3.7	15.9
Residential advisors .....	—	—	—	—	—	—	—	9.8	3.6	4.4
Residential advisors .....	—	—	—	—	—	—	—	9.8	3.6	4.4
Sales and related occupations .....	.1	0.1	0.5	0.1	2.9	.5	1.2	7.9	2.5	9.9
Supervisors, sales workers .....	.4	.2	.7	.1	3.3	.7	1.6	16.5	6.1	16.8
First-line supervisors/managers, sales workers .....	.4	.2	.7	.1	3.3	.7	1.6	16.5	6.1	16.8
First-line supervisors/managers of retail sales workers .....	—	.2	.5	—	3.2	.7	1.4	17.8	6.3	18.8
First-line supervisors/managers of non-retail sales workers .....	1.5	—	1.6	—	3.5	.8	2.2	10.8	5.2	7.6
Retail sales workers .....	.1	.1	.6	.2	3.6	.6	1.7	9.3	2.9	11.0
Cashiers .....	—	—	.7	.4	2.2	.4	.6	9.0	2.8	7.7
Cashiers .....	—	—	.7	.4	2.2	.4	.6	9.0	2.8	7.7
Gaming change persons and booth cashiers .....	—	—	—	—	—	—	—	—	—	—
Counter and rental clerks and parts salespersons .....	—	—	.6	—	.5	—	—	3.0	.6	14.1
Counter and rental clerks .....	—	—	—	—	.5	—	—	3.1	—	12.7
Parts salespersons .....	—	—	1.6	—	—	—	—	2.9	1.1	16.6
Retail salespersons .....	.1	.1	.6	.1	5.2	.9	2.8	10.5	3.3	12.9
Retail salespersons .....	.1	.1	.6	.1	5.2	.9	2.8	10.5	3.3	12.9
Sales representatives, services .....	—	—	.4	—	1.6	.3	.3	2.0	.4	5.5
Advertising sales agents .....	—	—	1.3	—	—	—	—	1.1	—	7.4
Advertising sales agents .....	—	—	1.3	—	—	—	—	1.1	—	7.4

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Insurance sales agents .....	41-3020	4.9	1.2	0.7	—	—	—	1.0	—
Insurance sales agents .....	41-3021	4.9	1.2	.7	—	—	—	1.0	—
Securities, commodities, and financial services sales agents .....	41-3030	3.2	1.7	—	—	—	—	—	—
Securities, commodities, and financial services sales agents .....	41-3031	3.2	1.7	—	—	—	—	—	—
Travel agents .....	41-3040	10.4	—	—	—	—	—	5.7	—
Travel agents .....	41-3041	10.4	—	—	—	—	—	5.7	—
Sales representatives, wholesale and manufacturing .....	41-4000	18.3	8.3	1.0	0.3	0.3	—	1.4	—
Sales representatives, wholesale and manufacturing .....	41-4010	18.3	8.3	1.0	.3	.3	—	1.4	—
Sales representatives, wholesale and manufacturing, technical and scientific products .....	41-4011	20.0	14.3	.8	—	—	—	.9	—
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	41-4012	17.8	6.6	1.0	.3	.3	—	1.5	—
Other sales and related workers .....	41-9000	44.1	15.8	4.7	1.2	1.2	—	5.9	—
Models, demonstrators, and product promoters .....	41-9010	43.5	17.4	7.5	3.9	3.9	—	5.1	—
Demonstrators and product promoters .....	41-9011	43.3	17.6	6.9	4.0	4.0	—	5.1	—
Real estate brokers and sales agents .....	41-9020	5.0	—	—	—	—	—	—	—
Real estate sales agents .....	41-9022	6.7	—	—	—	—	—	—	—
Telemarketers .....	41-9040	17.1	4.8	—	—	—	—	2.4	—
Telemarketers .....	41-9041	17.1	4.8	—	—	—	—	2.4	—
Miscellaneous sales and related workers .....	41-9090	178.8	67.1	21.3	5.1	4.7	—	23.9	—
Door-to-door sales workers, news and street vendors, and related workers .....	41-9091	259.5	133.1	—	—	—	—	—	—
Office and administrative support occupations .....	43-0000	45.9	18.3	3.6	2.2	2.0	0.2	4.4	0.2
Supervisors, office and administrative support workers .....	43-1000	40.8	8.9	3.6	3.6	3.6	—	2.7	—
First-line supervisors/managers of office and administrative support workers .....	43-1010	40.8	8.9	3.6	3.6	3.6	—	2.7	—
First-line supervisors/managers of office and administrative support workers .....	43-1011	40.8	8.9	3.6	3.6	3.6	—	2.7	—
Communications equipment operators .....	43-2000	36.1	8.5	8.1	—	—	—	4.1	—
Switchboard operators, including answering service .....	43-2010	11.5	4.1	—	—	—	—	1.9	—
Switchboard operators, including answering service .....	43-2011	11.5	4.1	—	—	—	—	1.9	—
Telephone operators .....	43-2020	140.1	21.3	32.5	—	—	—	17.9	—
Telephone operators .....	43-2021	140.1	21.3	32.5	—	—	—	17.9	—
Financial clerks .....	43-3000	18.0	4.5	1.6	.5	.4	.2	2.2	—
Bill and account collectors .....	43-3010	29.7	5.2	1.2	—	—	—	6.7	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Insurance sales agents .....	-	-	-	-	-	-	-	-	-	0.9
Insurance sales agents .....	-	-	-	-	-	-	-	-	-	.9
Securities, commodities, and financial services sales agents .....	-	-	-	-	-	-	-	-	-	-
Securities, commodities, and financial services sales agents .....	-	-	-	-	-	-	-	-	-	-
Travel agents .....	-	-	-	-	-	-	-	2.9	-	-
Travel agents .....	-	-	-	-	-	-	-	2.9	-	-
Sales representatives, wholesale and manufacturing .....	-	-	0.1	-	0.6	-	0.3	1.6	0.6	4.9
Sales representatives, wholesale and manufacturing .....	-	-	.1	-	.6	-	.3	1.6	.6	4.9
Sales representatives, wholesale and manufacturing, technical and scientific products .....	-	-	-	-	.7	-	-	.8	-	2.2
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	-	-	.1	-	.6	-	.4	1.8	.7	5.7
Other sales and related workers .....	-	-	.4	-	4.6	0.5	.3	5.0	1.1	6.4
Models, demonstrators, and product promoters .....	-	-	-	-	3.9	-	-	-	-	5.7
Demonstrators and product promoters .....	-	-	-	-	3.9	-	-	-	-	5.8
Real estate brokers and sales agents .....	-	-	-	-	1.9	-	-	-	-	-
Real estate sales agents .....	-	-	-	-	2.6	-	-	-	-	-
Telemarketers .....	-	-	.8	-	3.1	-	-	2.1	-	3.5
Telemarketers .....	-	-	.8	-	3.1	-	-	2.1	-	3.5
Miscellaneous sales and related workers .....	-	-	-	-	14.1	2.2	1.5	21.9	4.3	24.3
Door-to-door sales workers, news and street vendors, and related workers .....	-	-	-	-	36.2	-	-	-	-	33.6
Office and administrative support occupations .....	0.1	0.1	1.3	0.2	2.2	.5	.9	4.8	1.3	8.6
Supervisors, office and administrative support workers .....	-	1.6	.9	.2	1.8	.4	.7	2.8	.3	14.6
First-line supervisors/managers of office and administrative support workers .....	-	1.6	.9	.2	1.8	.4	.7	2.8	.3	14.6
First-line supervisors/managers of office and administrative support workers .....	-	1.6	.9	.2	1.8	.4	.7	2.8	.3	14.6
Communications equipment operators .....	-	-	1.7	-	-	-	-	2.6	1.5	10.3
Switchboard operators, including answering service .....	-	-	-	-	-	-	-	-	-	2.8
Switchboard operators, including answering service .....	-	-	-	-	-	-	-	-	-	2.8
Telephone operators .....	-	-	-	-	-	-	-	13.0	11.0	51.4
Telephone operators .....	-	-	-	-	-	-	-	13.0	11.0	51.4
Financial clerks .....	-	-	.9	.1	1.0	.1	.4	2.2	.6	5.0
Bill and account collectors .....	-	-	1.0	-	1.5	-	1.0	7.0	2.8	6.6

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Bill and account collectors .....	43-3011	29.7	5.2	1.2	—	—	—	6.7	—
Billing and posting clerks and machine operators .....	43-3020	15.9	2.6	3.5	1.1	1.1	—	2.8	—
Billing and posting clerks and machine operators .....	43-3021	15.9	2.6	3.5	1.1	1.1	—	2.8	—
Bookkeeping, accounting, and auditing clerks .....	43-3030	13.1	4.4	1.3	.2	.2	—	1.3	—
Bookkeeping, accounting, and auditing clerks .....	43-3031	13.1	4.4	1.3	.2	.2	—	1.3	—
Gaming cage workers .....	43-3040	111.1	54.4	—	—	—	—	—	—
Gaming cage workers .....	43-3041	111.1	54.4	—	—	—	—	—	—
Payroll and timekeeping clerks .....	43-3050	12.2	3.0	2.4	—	—	—	1.5	—
Payroll and timekeeping clerks .....	43-3051	12.2	3.0	2.4	—	—	—	1.5	—
Procurement clerks .....	43-3060	10.7	—	—	—	—	—	—	—
Procurement clerks .....	43-3061	10.7	—	—	—	—	—	—	—
Tellers .....	43-3070	24.0	5.3	.6	1.2	.5	—	.8	—
Tellers .....	43-3071	24.0	5.3	.6	1.2	.5	—	.8	—
Information and record clerks .....	43-4000	46.6	18.9	3.4	1.2	1.2	0.1	4.3	0.2
Credit authorizers, checkers, and clerks .....	43-4040	18.8	—	—	—	—	—	—	—
Credit authorizers, checkers, and clerks .....	43-4041	18.8	—	—	—	—	—	—	—
Customer service representatives .....	43-4050	50.6	20.9	3.4	1.3	1.1	.2	4.9	.4
Customer service representatives .....	43-4051	50.6	20.9	3.4	1.3	1.1	.2	4.9	.4
File clerks .....	43-4070	46.9	16.3	2.4	—	—	—	6.5	—
File clerks .....	43-4071	46.9	16.3	2.4	—	—	—	6.5	—
Hotel, motel, and resort desk clerks .....	43-4080	16.8	9.4	—	—	—	—	—	—
Hotel, motel, and resort desk clerks .....	43-4081	16.8	9.4	—	—	—	—	—	—
Interviewers, except eligibility and loan .....	43-4110	27.5	10.8	2.3	1.3	1.3	—	2.5	—
Interviewers, except eligibility and loan .....	43-4111	27.5	10.8	2.3	1.3	1.3	—	2.5	—
Library assistants, clerical .....	43-4120	26.1	—	—	—	—	—	—	—
Library assistants, clerical .....	43-4121	26.1	—	—	—	—	—	—	—
Loan interviewers and clerks .....	43-4130	5.9	—	—	—	—	—	—	—
Loan interviewers and clerks .....	43-4131	5.9	—	—	—	—	—	—	—
New accounts clerks .....	43-4140	9.3	5.8	—	—	—	—	—	—
New accounts clerks .....	43-4141	9.3	5.8	—	—	—	—	—	—
Order clerks .....	43-4150	10.5	5.2	—	—	—	—	1.2	—
Order clerks .....	43-4151	10.5	5.2	—	—	—	—	1.2	—
Human resources assistants, except payroll and timekeeping .....	43-4160	9.3	4.8	—	—	—	—	—	—
Human resources assistants, except payroll and timekeeping .....	43-4161	9.3	4.8	—	—	—	—	—	—
Receptionists and information clerks .....	43-4170	41.3	10.5	4.4	.3	.3	—	1.6	—
Receptionists and information clerks .....	43-4171	41.3	10.5	4.4	.3	.3	—	1.6	—
Reservation and transportation ticket agents and travel clerks .....	43-4180	273.8	154.6	10.3	7.1	7.1	—	36.0	—
Reservation and transportation ticket agents and travel clerks .....	43-4181	273.8	154.6	10.3	7.1	7.1	—	36.0	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Bill and account collectors .....	—	—	1.0	—	1.5	—	1.0	7.0	2.8	6.6
Billing and posting clerks and machine operators .....	—	—	1.2	—	1.5	—	—	1.5	—	1.6
Billing and posting clerks and machine operators .....	—	—	1.2	—	1.5	—	—	1.5	—	1.6
Bookkeeping, accounting, and auditing clerks .....	—	—	.7	—	.6	—	.3	1.8	.3	2.8
Bookkeeping, accounting, and auditing clerks .....	—	—	.7	—	.6	—	.3	1.8	.3	2.8
Gaming cage workers .....	—	—	—	—	—	—	—	—	—	17.6
Gaming cage workers .....	—	—	—	—	—	—	—	—	—	17.6
Payroll and timekeeping clerks .....	—	—	—	—	1.7	—	1.2	—	—	2.6
Payroll and timekeeping clerks .....	—	—	—	—	1.7	—	1.2	—	—	2.6
Procurement clerks .....	—	—	—	—	—	—	—	3.4	—	—
Procurement clerks .....	—	—	—	—	—	—	—	3.4	—	—
Tellers .....	—	—	1.2	—	1.1	—	—	.5	—	13.1
Tellers .....	—	—	1.2	—	1.1	—	—	.5	—	13.1
Information and record clerks .....	( <sup>7</sup> )	—	1.5	0.2	3.1	0.8	1.4	5.1	1.4	8.5
Credit authorizers, checkers, and clerks .....	—	—	—	—	3.9	—	—	4.3	—	—
Credit authorizers, checkers, and clerks .....	—	—	—	—	3.9	—	—	4.3	—	—
Customer service representatives .....	—	—	2.2	.3	3.5	1.3	.8	6.2	1.5	7.4
Customer service representatives .....	—	—	2.2	.3	3.5	1.3	.8	6.2	1.5	7.4
File clerks .....	—	—	3.7	—	—	—	—	8.1	4.6	8.7
File clerks .....	—	—	3.7	—	—	—	—	8.1	4.6	8.7
Hotel, motel, and resort desk clerks .....	—	—	—	—	—	—	—	—	—	5.1
Hotel, motel, and resort desk clerks .....	—	—	—	—	—	—	—	—	—	5.1
Interviewers, except eligibility and loan .....	—	—	—	—	2.3	—	2.0	4.7	1.4	3.2
Interviewers, except eligibility and loan .....	—	—	—	—	2.3	—	2.0	4.7	1.4	3.2
Library assistants, clerical .....	—	—	—	—	—	—	—	—	—	—
Library assistants, clerical .....	—	—	—	—	—	—	—	—	—	—
Loan interviewers and clerks .....	—	—	—	—	—	—	—	2.6	1.6	1.3
Loan interviewers and clerks .....	—	—	—	—	—	—	—	2.6	1.6	1.3
New accounts clerks .....	—	—	—	—	—	—	—	—	—	—
New accounts clerks .....	—	—	—	—	—	—	—	—	—	—
Order clerks .....	—	—	—	—	—	—	—	2.1	—	1.1
Order clerks .....	—	—	—	—	—	—	—	2.1	—	1.1
Human resources assistants, except payroll and timekeeping .....	—	—	—	—	—	—	—	—	—	2.6
Human resources assistants, except payroll and timekeeping .....	—	—	—	—	—	—	—	—	—	2.6
Receptionists and information clerks .....	—	—	.7	—	5.4	.9	4.3	3.8	1.0	14.4
Receptionists and information clerks .....	—	—	.7	—	5.4	.9	4.3	3.8	1.0	14.4
Reservation and transportation ticket agents and travel clerks .....	—	—	2.3	—	3.8	—	—	20.3	5.4	39.2
Reservation and transportation ticket agents and travel clerks .....	—	—	2.3	—	3.8	—	—	20.3	5.4	39.2

See footnotes at end of table.



TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Cargo and freight agents .....	43-5010	151.7	98.5	—	6.6	6.6	—	12.6	—
Cargo and freight agents .....	43-5011	151.7	98.5	—	6.6	6.6	—	12.6	—
Couriers and messengers .....	43-5020	185.0	91.6	9.1	4.3	4.3	—	7.7	—
Couriers and messengers .....	43-5021	185.0	91.6	9.1	4.3	4.3	—	7.7	—
Dispatchers .....	43-5030	22.2	7.3	3.2	1.2	1.2	—	1.7	—
Dispatchers, except police, fire, and ambulance .....	43-5032	23.1	7.4	3.4	1.3	1.3	—	1.8	—
Meter readers, utilities .....	43-5040	277.3	116.4	10.8	11.2	—	11.2	34.3	—
Meter readers, utilities .....	43-5041	277.3	116.4	10.8	11.2	—	11.2	34.3	—
Production, planning, and expediting clerks ....	43-5060	36.4	12.6	2.5	2.0	1.8	—	6.3	—
Production, planning, and expediting clerks ....	43-5061	36.4	12.6	2.5	2.0	1.8	—	6.3	—
Shipping, receiving, and traffic clerks .....	43-5070	80.2	35.2	6.2	4.2	3.7	.5	6.9	—
Shipping, receiving, and traffic clerks .....	43-5071	80.2	35.2	6.2	4.2	3.7	.5	6.9	—
Stock clerks and order fillers .....	43-5080	126.1	63.5	7.3	7.6	7.0	.6	15.2	0.2
Stock clerks and order fillers .....	43-5081	126.1	63.5	7.3	7.6	7.0	.6	15.2	.2
Weighers, measurers, checkers, and samplers, recordkeeping .....	43-5110	78.2	18.2	7.2	—	—	—	6.0	—
Weighers, measurers, checkers, and samplers, recordkeeping .....	43-5111	78.2	18.2	7.2	—	—	—	6.0	—
Secretaries and administrative assistants .....	43-6000	18.9	5.6	3.0	.6	.4	.2	1.5	.3
Secretaries and administrative assistants .....	43-6010	18.9	5.6	3.0	.6	.4	.2	1.5	.3
Executive secretaries and administrative assistants .....	43-6011	28.2	8.8	4.2	.9	.9	—	1.8	.5
Legal secretaries .....	43-6012	40.5	9.4	14.3	—	—	—	1.4	—
Medical secretaries .....	43-6013	22.6	7.2	2.2	—	—	—	2.9	—
Secretaries, except legal, medical, and executive .....	43-6014	6.3	1.8	.4	.4	—	—	.9	.3
Other office and administrative support workers	43-9000	43.2	15.8	3.3	2.8	2.7	.1	3.3	.2
Computer operators .....	43-9010	30.2	5.5	3.2	—	—	—	—	—
Computer operators .....	43-9011	30.2	5.5	3.2	—	—	—	—	—
Data entry and information processing workers .....	43-9020	21.6	5.6	1.0	—	—	—	2.6	—
Data entry keyers .....	43-9021	19.1	4.7	1.0	—	—	—	—	—
Word processors and typists .....	43-9022	36.2	11.1	—	—	—	—	12.9	—
Insurance claims and policy processing clerks	43-9040	20.9	6.3	1.9	—	—	—	1.2	—
Insurance claims and policy processing clerks .....	43-9041	20.9	6.3	1.9	—	—	—	1.2	—
Mail clerks and mail machine operators, except postal service .....	43-9050	97.7	47.0	6.9	4.2	3.4	—	7.5	—
Mail clerks and mail machine operators, except postal service .....	43-9051	97.7	47.0	6.9	4.2	3.4	—	7.5	—
Office clerks, general .....	43-9060	22.0	8.0	1.8	1.4	1.4	—	2.4	—
Office clerks, general .....	43-9061	22.0	8.0	1.8	1.4	1.4	—	2.4	—
Office machine operators, except computer ....	43-9070	63.2	33.6	—	—	—	—	—	—
Office machine operators, except computer	43-9071	63.2	33.6	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Cargo and freight agents .....	—	—	—	—	—	—	—	13.9	2.2	15.7
Cargo and freight agents .....	—	—	—	—	—	—	—	13.9	2.2	15.7
Couriers and messengers .....	—	—	—	—	10.0	—	—	27.7	9.5	32.9
Couriers and messengers .....	—	—	—	—	10.0	—	—	27.7	9.5	32.9
Dispatchers .....	1.5	—	0.9	—	2.5	—	—	1.9	—	2.0
Dispatchers, except police, fire, and ambulance .....	1.6	—	1.0	—	2.6	—	—	2.0	—	2.2
Meter readers, utilities .....	—	—	—	—	13.6	—	7.7	27.3	—	60.0
Meter readers, utilities .....	—	—	—	—	13.6	—	7.7	27.3	—	60.0
Production, planning, and expediting clerks ....	—	—	—	—	1.4	—	1.1	4.5	3.1	6.4
Production, planning, and expediting clerks .....	—	—	—	—	1.4	—	1.1	4.5	3.1	6.4
Shipping, receiving, and traffic clerks .....	.5	—	.7	—	3.2	—	1.0	9.2	4.3	13.9
Shipping, receiving, and traffic clerks .....	.5	—	.7	—	3.2	—	1.0	9.2	4.3	13.9
Stock clerks and order fillers .....	.1	—	.8	0.3	3.4	0.6	1.3	12.6	4.2	15.0
Stock clerks and order fillers .....	.1	—	.8	.3	3.4	.6	1.3	12.6	4.2	15.0
Weighers, measurers, checkers, and samplers, recordkeeping .....	—	—	—	—	3.9	—	—	4.9	—	34.0
Weighers, measurers, checkers, and samplers, recordkeeping .....	—	—	—	—	3.9	—	—	4.9	—	34.0
Secretaries and administrative assistants .....	—	—	.9	.3	1.2	.4	.3	2.3	.3	3.2
Secretaries and administrative assistants .....	—	—	.9	.3	1.2	.4	.3	2.3	.3	3.2
Executive secretaries and administrative assistants .....	—	—	1.0	—	1.8	.5	.3	4.7	.7	4.4
Legal secretaries .....	—	—	4.6	—	—	—	—	1.4	—	5.5
Medical secretaries .....	—	—	.7	—	1.5	—	1.1	1.8	—	5.5
Secretaries, except legal, medical, and executive .....	—	—	.2	—	.6	—	—	.6	—	1.1
Other office and administrative support workers .....	—	—	2.6	.4	2.2	.3	1.1	3.9	.7	8.8
Computer operators .....	—	—	—	—	—	—	—	—	—	18.0
Computer operators .....	—	—	—	—	—	—	—	—	—	18.0
Data entry and information processing workers .....	—	—	4.3	—	1.3	—	—	4.4	.8	1.9
Data entry keyers .....	—	—	4.4	—	1.5	—	—	4.9	1.0	1.5
Word processors and typists .....	—	—	—	—	—	—	—	—	—	—
Insurance claims and policy processing clerks .....	—	—	1.8	—	1.5	—	1.1	4.4	—	2.8
Insurance claims and policy processing clerks .....	—	—	1.8	—	1.5	—	1.1	4.4	—	2.8
Mail clerks and mail machine operators, except postal service .....	—	—	—	—	2.9	—	—	14.7	1.8	12.5
Mail clerks and mail machine operators, except postal service .....	—	—	—	—	2.9	—	—	14.7	1.8	12.5
Office clerks, general .....	—	—	1.0	—	1.7	.2	1.0	2.0	.6	3.7
Office clerks, general .....	—	—	1.0	—	1.7	.2	1.0	2.0	.6	3.7
Office machine operators, except computer ....	—	—	3.0	—	3.6	—	3.4	10.2	—	9.2
Office machine operators, except computer .....	—	—	3.0	—	3.6	—	3.4	10.2	—	9.2

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Statistical assistants .....	43-9110	32.9	26.7	—	—	—	—	—	—
Statistical assistants .....	43-9111	32.9	26.7	—	—	—	—	—	—
Farming, fishing, and forestry occupations .....	45-0000	127.0	39.0	13.2	12.9	10.0	2.9	16.2	1.2
Supervisors, farming, fishing, and forestry workers .....	45-1000	139.5	28.4	5.8	6.1	—	—	7.1	—
First-line supervisors/managers of farming, fishing, and forestry workers .....	45-1010	139.5	28.4	5.8	6.1	—	—	7.1	—
Graders and sorters, agricultural products .....	45-2040	84.3	26.4	15.6	—	—	—	10.6	—
Graders and sorters, agricultural products ..	45-2041	84.3	26.4	15.6	—	—	—	10.6	—
Miscellaneous agricultural workers .....	45-2090	126.7	39.4	12.5	13.4	11.1	2.4	17.1	1.4
Fishers and related fishing workers .....	45-3010	72.6	24.9	—	—	—	—	—	—
Fishers and related fishing workers .....	45-3011	72.6	24.9	—	—	—	—	—	—
Forest, conservation, and logging workers .....	45-4000	197.4	65.0	37.1	22.8	7.5	15.3	18.7	—
Logging workers .....	45-4020	185.2	57.8	39.6	22.7	6.4	16.3	20.0	—
Construction and extraction occupations .....	47-0000	194.5	65.2	21.6	28.7	21.3	7.4	11.9	1.8
Supervisors, construction and extraction workers .....	47-1000	144.5	54.0	16.3	15.2	13.0	2.2	4.8	.7
First-line supervisors/managers of construction trades and extraction workers ...	47-1010	144.5	54.0	16.3	15.2	13.0	2.2	4.8	.7
First-line supervisors/managers of construction trades and extraction workers	47-1011	144.5	54.0	16.3	15.2	13.0	2.2	4.8	.7
Construction trades workers .....	47-2000	212.3	70.6	23.1	32.9	23.9	9.1	13.2	2.1
Boilermakers .....	47-2010	119.9	49.2	8.9	—	—	—	7.1	9.6
Boilermakers .....	47-2011	119.9	49.2	8.9	—	—	—	7.1	9.6
Brickmasons, blockmasons, and stonemasons .....	47-2020	195.6	50.8	24.8	55.9	13.0	42.9	4.4	—
Brickmasons and blockmasons .....	47-2021	184.8	45.9	25.8	64.5	14.7	49.8	4.4	—
Stonemasons .....	47-2022	262.8	80.6	18.5	—	—	—	—	—
Carpenters .....	47-2030	226.9	75.4	20.0	39.7	26.9	12.9	17.7	—
Carpenters .....	47-2031	226.9	75.4	20.0	39.7	26.9	12.9	17.7	—
Carpet, floor, and tile installers and finishers ..	47-2040	95.4	50.6	—	16.5	11.7	—	—	—
Carpet installers .....	47-2041	102.0	79.1	—	—	—	—	—	—
Floor layers, except carpet, wood, and hard tiles .....	47-2042	63.0	—	—	40.0	—	—	—	—
Floor sanders and finishers .....	47-2043	28.5	—	—	—	—	—	—	—
Tile and marble setters .....	47-2044	111.3	51.1	—	22.1	22.1	—	—	—
Cement masons, concrete finishers, and terrazzo workers .....	47-2050	89.5	35.4	14.8	3.7	3.7	—	7.5	—
Cement masons and concrete finishers .....	47-2051	84.4	32.8	15.2	3.5	3.5	—	7.7	—
Terrazzo workers and finishers .....	47-2053	287.3	—	—	—	—	—	—	—
Construction laborers .....	47-2060	356.0	109.0	48.3	67.6	45.9	21.7	27.6	2.2
Construction laborers .....	47-2061	356.0	109.0	48.3	67.6	45.9	21.7	27.6	2.2
Construction equipment operators .....	47-2070	90.5	34.5	7.3	3.0	2.4	.5	3.8	1.6
Paving, surfacing, and tamping equipment operators .....	47-2071	30.9	23.3	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Statistical assistants .....	—	—	—	—	—	—	—	—	—	—
Statistical assistants .....	—	—	—	—	—	—	—	—	—	—
Farming, fishing, and forestry occupations .....	0.6	1.0	0.4	0.5	6.7	3.1	1.6	11.0	2.9	24.4
Supervisors, farming, fishing, and forestry workers .....	—	—	—	—	38.5	37.9	—	12.9	—	40.6
First-line supervisors/managers of farming, fishing, and forestry workers .....	—	—	—	—	38.5	37.9	—	12.9	—	40.6
Graders and sorters, agricultural products .....	—	—	—	—	5.8	—	—	5.0	—	17.4
Graders and sorters, agricultural products ..	—	—	—	—	5.8	—	—	5.0	—	17.4
Miscellaneous agricultural workers .....	.8	1.1	.3	.5	5.0	1.2	1.6	11.5	3.3	23.6
Fishers and related fishing workers .....	—	—	—	—	—	—	—	—	—	—
Fishers and related fishing workers .....	—	—	—	—	—	—	—	—	—	—
Forest, conservation, and logging workers .....	—	—	—	—	6.2	—	—	10.5	—	33.6
Logging workers .....	—	—	—	—	6.6	—	—	7.1	—	30.0
Construction and extraction occupations .....	1.1	1.3	1.4	.5	5.7	2.2	1.2	17.6	6.3	37.8
Supervisors, construction and extraction workers .....	—	2.0	.4	—	4.1	1.7	.8	14.9	3.0	32.0
First-line supervisors/managers of construction trades and extraction workers ...	—	2.0	.4	—	4.1	1.7	.8	14.9	3.0	32.0
First-line supervisors/managers of construction trades and extraction workers	—	2.0	.4	—	4.1	1.7	.8	14.9	3.0	32.0
Construction trades workers .....	.9	1.2	1.8	.6	6.1	2.5	1.3	19.2	7.2	40.6
Boilermakers .....	—	—	—	—	—	—	—	10.8	—	28.1
Boilermakers .....	—	—	—	—	—	—	—	10.8	—	28.1
Brickmasons, blockmasons, and stonemasons .....	—	—	3.1	—	5.3	—	2.4	18.6	14.7	32.8
Brickmasons and blockmasons .....	—	—	3.6	—	6.2	—	2.8	17.1	15.2	17.2
Stonemasons .....	—	—	—	—	—	—	—	27.8	—	129.0
Carpenters .....	—	.9	6.1	2.8	4.4	2.1	.9	21.7	6.6	38.0
Carpenters .....	—	.9	6.1	2.8	4.4	2.1	.9	21.7	6.6	38.0
Carpet, floor, and tile installers and finishers ..	—	—	—	—	3.3	—	—	12.5	3.5	11.3
Carpet installers .....	—	—	—	—	—	—	—	11.2	—	8.2
Floor layers, except carpet, wood, and hard tiles .....	—	—	—	—	—	—	—	—	—	—
Floor sanders and finishers .....	—	—	—	—	—	—	—	—	—	—
Tile and marble setters .....	—	—	—	—	7.2	—	—	17.2	4.8	12.0
Cement masons, concrete finishers, and terrazzo workers .....	—	1.9	—	—	—	—	—	7.7	—	17.3
Cement masons and concrete finishers .....	—	1.9	—	—	—	—	—	7.7	—	14.3
Terrazzo workers and finishers .....	—	—	—	—	—	—	—	—	—	—
Construction laborers .....	1.6	2.1	.3	—	9.9	4.3	2.4	32.5	12.3	54.8
Construction laborers .....	1.6	2.1	.3	—	9.9	4.3	2.4	32.5	12.3	54.8
Construction equipment operators .....	—	.6	—	—	3.3	1.2	—	11.5	8.0	24.5
Paving, surfacing, and tamping equipment operators .....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Operating engineers and other construction equipment operators .....	47-2073	98.5	36.2	8.2	3.2	2.6	0.6	4.1	1.6
Drywall installers, ceiling tile installers, and tapers .....	47-2080	140.0	57.4	11.3	16.8	14.5	2.3	7.5	—
Drywall and ceiling tile installers .....	47-2081	156.1	66.0	12.5	15.7	12.9	2.8	8.3	—
Tapers .....	47-2082	70.9	20.8	—	21.5	21.5	—	—	—
Electricians .....	47-2110	155.6	56.4	15.2	19.3	16.4	2.9	7.5	3.6
Electricians .....	47-2111	155.6	56.4	15.2	19.3	16.4	2.9	7.5	3.6
Glaziers .....	47-2120	255.5	71.1	38.1	78.2	77.1	—	17.8	7.5
Glaziers .....	47-2121	255.5	71.1	38.1	78.2	77.1	—	17.8	7.5
Insulation workers .....	47-2130	165.0	58.3	26.5	10.7	7.7	—	—	—
Insulation workers, floor, ceiling, and wall ...	47-2131	340.6	118.8	55.8	22.5	16.2	—	—	—
Insulation workers, mechanical .....	47-2132	6.5	—	—	—	—	—	—	—
Painters and paperhangers .....	47-2140	194.7	60.6	17.4	14.7	11.5	3.2	11.4	1.7
Painters, construction and maintenance .....	47-2141	199.2	61.5	17.8	15.1	11.8	3.3	11.7	1.8
Pipelayers, plumbers, pipefitters, and steamfitters .....	47-2150	183.2	70.8	10.8	20.1	17.4	2.7	7.3	3.3
Pipelayers .....	47-2151	71.2	23.2	4.8	12.2	12.2	—	—	—
Plumbers, pipefitters, and steamfitters .....	47-2152	193.9	75.4	11.3	20.9	17.9	3.0	7.7	3.6
Plasterers and stucco masons .....	47-2160	107.4	33.6	10.5	6.8	6.8	—	—	—
Plasterers and stucco masons .....	47-2161	107.4	33.6	10.5	6.8	6.8	—	—	—
Reinforcing iron and rebar workers .....	47-2170	110.9	37.1	27.3	10.8	7.5	—	—	—
Reinforcing iron and rebar workers .....	47-2171	110.9	37.1	27.3	10.8	7.5	—	—	—
Roofers .....	47-2180	305.6	79.8	43.8	41.0	31.4	9.7	5.2	12.2
Roofers .....	47-2181	305.6	79.8	43.8	41.0	31.4	9.7	5.2	12.2
Sheet metal workers .....	47-2210	237.8	61.3	30.9	55.4	52.5	2.8	10.0	—
Sheet metal workers .....	47-2211	237.8	61.3	30.9	55.4	52.5	2.8	10.0	—
Structural iron and steel workers .....	47-2220	303.3	129.1	32.0	20.1	16.9	3.2	27.0	—
Structural iron and steel workers .....	47-2221	303.3	129.1	32.0	20.1	16.9	3.2	27.0	—
Helpers, construction trades .....	47-3000	105.4	44.6	4.9	11.8	11.0	.8	7.4	.7
Helpers, construction trades .....	47-3010	105.4	44.6	4.9	11.8	11.0	.8	7.4	.7
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters .....	47-3011	76.1	30.0	—	9.0	9.0	—	16.1	—
Helpers--carpenters .....	47-3012	67.3	22.5	—	4.9	4.4	—	—	—
Helpers--electricians .....	47-3013	85.0	44.8	4.1	6.0	5.5	—	—	—
Helpers--painters, paperhangers, plasterers, and stucco masons .....	47-3014	101.4	—	—	41.3	41.3	—	—	—
Helpers--pipelayers, plumbers, pipefitters, and steamfitters .....	47-3015	75.4	35.7	—	10.8	9.8	—	11.9	—
Helpers--roofers .....	47-3016	41.2	26.6	—	—	—	—	—	—
Other construction and related workers .....	47-4000	185.1	46.9	16.3	32.1	26.6	5.5	10.0	—
Construction and building inspectors .....	47-4010	46.2	23.6	—	—	—	—	—	—
Construction and building inspectors .....	47-4011	46.2	23.6	—	—	—	—	—	—
Elevator installers and repairers .....	47-4020	83.0	27.3	7.5	18.4	18.4	—	—	—
Elevator installers and repairers .....	47-4021	83.0	27.3	7.5	18.4	18.4	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									All other natures <sup>6</sup>
	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	
Operating engineers and other construction equipment operators .....	—	0.6	—	—	3.7	1.3	—	12.8	8.8	27.7
Drywall installers, ceiling tile installers, and tapers .....	5.4	—	—	—	8.7	3.0	4.6	9.5	4.3	22.7
Drywall and ceiling tile installers .....	6.7	—	—	—	9.9	2.9	5.6	10.7	4.8	25.7
Tapers .....	—	—	—	—	—	—	—	—	—	9.8
Electricians .....	.8	.9	0.4	—	7.1	2.3	1.1	12.7	6.1	31.6
Electricians .....	.8	.9	.4	—	7.1	2.3	1.1	12.7	6.1	31.6
Glaziers .....	—	—	—	—	—	—	—	14.1	4.3	27.4
Glaziers .....	—	—	—	—	—	—	—	14.1	4.3	27.4
Insulation workers .....	—	—	11.2	—	—	—	—	6.1	—	45.4
Insulation workers, floor, ceiling, and wall ...	—	—	23.5	—	—	—	—	12.8	—	92.5
Insulation workers, mechanical .....	—	—	—	—	—	—	—	—	—	—
Painters and paperhangers .....	—	—	1.6	—	5.0	3.5	—	14.5	5.1	67.8
Painters, construction and maintenance .....	—	—	1.6	—	5.1	3.6	—	14.9	5.3	69.6
Pipelayers, plumbers, pipefitters, and steamfitters .....	1.5	—	2.4	0.5	5.0	2.2	1.2	19.8	3.4	41.3
Pipelayers .....	—	—	6.2	—	6.2	—	5.8	—	—	9.9
Plumbers, pipefitters, and steamfitters .....	1.7	—	2.0	.6	4.9	2.4	.7	21.2	3.8	44.3
Plasterers and stucco masons .....	—	—	—	—	—	—	—	11.4	6.5	38.7
Plasterers and stucco masons .....	—	—	—	—	—	—	—	11.4	6.5	38.7
Reinforcing iron and rebar workers .....	—	—	—	—	—	—	—	11.6	—	15.3
Reinforcing iron and rebar workers .....	—	—	—	—	—	—	—	11.6	—	15.3
Roofers .....	—	—	—	—	20.8	9.6	5.1	17.1	6.6	85.0
Roofers .....	—	—	—	—	20.8	9.6	5.1	17.1	6.6	85.0
Sheet metal workers .....	—	8.5	—	—	3.6	1.4	—	23.9	12.0	42.1
Sheet metal workers .....	—	8.5	—	—	3.6	1.4	—	23.9	12.0	42.1
Structural iron and steel workers .....	—	—	—	—	7.3	—	—	15.5	5.6	70.7
Structural iron and steel workers .....	—	—	—	—	7.3	—	—	15.5	5.6	70.7
Helpers, construction trades .....	.7	—	—	—	1.5	—	—	10.3	1.5	23.5
Helpers, construction trades .....	.7	—	—	—	1.5	—	—	10.3	1.5	23.5
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters .....	5.2	—	—	—	—	—	—	7.6	—	—
Helpers--carpenters .....	—	—	—	—	—	—	—	—	—	32.5
Helpers--electricians .....	—	—	—	—	2.4	—	—	5.2	—	19.7
Helpers--painters, paperhangers, plasterers, and stucco masons .....	—	—	—	—	—	—	—	—	—	55.4
Helpers--pipelayers, plumbers, pipefitters, and steamfitters .....	—	—	—	—	—	—	—	8.3	—	5.9
Helpers--roofers .....	—	—	—	—	—	—	—	—	—	—
Other construction and related workers .....	8.7	.9	—	—	8.2	2.5	—	19.1	6.7	42.5
Construction and building inspectors .....	—	—	—	—	—	—	—	—	—	—
Construction and building inspectors .....	—	—	—	—	—	—	—	—	—	—
Elevator installers and repairers .....	—	—	—	—	8.8	—	—	—	—	16.8
Elevator installers and repairers .....	—	—	—	—	8.8	—	—	—	—	16.8

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Fence erectors .....	47-4030	100.7	29.8	—	36.4	12.8	23.5	16.6	—
Fence erectors .....	47-4031	100.7	29.8	—	36.4	12.8	23.5	16.6	—
Hazardous materials removal workers .....	47-4040	42.6	10.6	—	8.9	8.9	—	—	—
Hazardous materials removal workers .....	47-4041	42.6	10.6	—	8.9	8.9	—	—	—
Highway maintenance workers .....	47-4050	217.7	94.6	—	—	—	—	—	—
Highway maintenance workers .....	47-4051	217.7	94.6	—	—	—	—	—	—
Rail-track laying and maintenance equipment operators .....	47-4060	199.7	51.9	20.7	97.5	94.6	—	—	—
Rail-track laying and maintenance equipment operators .....	47-4061	199.7	51.9	20.7	97.5	94.6	—	—	—
Septic tank servicers and sewer pipe cleaners .....	47-4070	93.3	32.8	—	—	—	—	—	—
Septic tank servicers and sewer pipe cleaners .....	47-4071	93.3	32.8	—	—	—	—	—	—
Miscellaneous construction and related workers .....	47-4090	588.0	124.1	57.5	64.4	51.3	13.1	33.6	—
Extraction workers .....	47-5000	147.5	47.8	30.8	12.6	10.0	2.6	13.0	1.5
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	47-5010	84.9	22.4	16.3	7.3	3.6	3.6	8.4	1.6
Derrick operators, oil and gas .....	47-5011	156.9	52.7	31.3	12.7	12.7	—	17.5	—
Rotary drill operators, oil and gas .....	47-5012	111.1	19.7	22.7	12.0	—	—	—	—
Service unit operators, oil, gas, and mining .....	47-5013	24.9	6.7	—	—	—	—	4.8	—
Earth drillers, except oil and gas .....	47-5020	136.3	67.3	17.5	—	—	—	—	—
Earth drillers, except oil and gas .....	47-5021	136.3	67.3	17.5	—	—	—	—	—
Explosives workers, ordnance handling experts, and blasters .....	47-5030	39.9	—	—	—	—	—	—	—
Explosives workers, ordnance handling experts, and blasters .....	47-5031	39.9	—	—	—	—	—	—	—
Mining machine operators .....	47-5040	199.8	80.5	61.2	9.5	8.4	—	14.1	—
Continuous mining machine operators .....	47-5041	121.0	29.7	62.3	—	—	—	—	—
Mine cutting and channeling machine operators .....	47-5042	28.3	—	—	—	—	—	—	—
Roof bolters, mining .....	47-5060	678.5	244.8	153.7	76.0	59.8	—	84.0	—
Roof bolters, mining .....	47-5061	678.5	244.8	153.7	76.0	59.8	—	84.0	—
Roustabouts, oil and gas .....	47-5070	45.0	4.6	6.1	—	—	—	—	—
Roustabouts, oil and gas .....	47-5071	45.0	4.6	6.1	—	—	—	—	—
Helpers--extraction workers .....	47-5080	110.3	28.8	25.2	25.2	24.6	—	13.2	—
Helpers--extraction workers .....	47-5081	110.3	28.8	25.2	25.2	24.6	—	13.2	—
Installation, maintenance, and repair occupations ..	49-0000	199.3	77.5	15.6	21.5	19.1	2.4	13.4	3.3
Supervisors of installation, maintenance, and repair workers .....	49-1000	83.5	38.6	3.7	12.4	11.3	1.1	5.3	—
First-line supervisors/managers of mechanics, installers, and repairers .....	49-1010	83.5	38.6	3.7	12.4	11.3	1.1	5.3	—
First-line supervisors/managers of mechanics, installers, and repairers .....	49-1011	83.5	38.6	3.7	12.4	11.3	1.1	5.3	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Fence erectors .....	-	-	-	-	-	-	-	-	-	-
Fence erectors .....	-	-	-	-	-	-	-	-	-	-
Hazardous materials removal workers .....	-	-	-	-	-	-	-	-	-	13.0
Hazardous materials removal workers .....	-	-	-	-	-	-	-	-	-	13.0
Highway maintenance workers .....	-	-	-	-	-	-	-	-	-	71.5
Highway maintenance workers .....	-	-	-	-	-	-	-	-	-	71.5
Rail-track laying and maintenance equipment operators .....	-	-	-	-	-	-	-	-	-	20.8
Rail-track laying and maintenance equipment operators .....	-	-	-	-	-	-	-	-	-	20.8
Septic tank servicers and sewer pipe cleaners .....	-	-	-	-	-	-	-	15.1	-	35.1
Septic tank servicers and sewer pipe cleaners .....	-	-	-	-	-	-	-	15.1	-	35.1
Miscellaneous construction and related workers .....	42.8	-	-	-	28.8	10.6	-	80.0	26.5	151.6
Extraction workers .....	1.6	2.4	-	-	6.0	1.3	1.2	8.2	5.5	23.6
Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	3.1	-	-	-	5.0	1.7	-	2.3	2.1	17.5
Derrick operators, oil and gas .....	11.6	-	-	-	-	-	-	-	-	19.3
Rotary drill operators, oil and gas .....	-	-	-	-	13.3	-	-	-	-	34.5
Service unit operators, oil, gas, and mining .....	-	-	-	-	-	-	-	-	-	4.4
Earth drillers, except oil and gas .....	-	-	-	-	-	-	-	9.0	8.5	26.3
Earth drillers, except oil and gas .....	-	-	-	-	-	-	-	9.0	8.5	26.3
Explosives workers, ordnance handling experts, and blasters .....	-	-	-	-	-	-	-	-	-	-
Explosives workers, ordnance handling experts, and blasters .....	-	-	-	-	-	-	-	-	-	-
Mining machine operators .....	-	-	-	-	7.8	-	-	8.8	-	14.9
Continuous mining machine operators .....	-	-	-	-	-	-	-	-	-	-
Mine cutting and channeling machine operators .....	-	-	-	-	-	-	-	-	-	-
Roof bolters, mining .....	-	-	-	-	-	-	-	-	-	68.1
Roof bolters, mining .....	-	-	-	-	-	-	-	-	-	68.1
Roustabouts, oil and gas .....	-	-	-	-	2.6	-	-	-	-	23.6
Roustabouts, oil and gas .....	-	-	-	-	2.6	-	-	-	-	23.6
Helpers--extraction workers .....	-	-	-	-	-	-	-	-	-	12.1
Helpers--extraction workers .....	-	-	-	-	-	-	-	-	-	12.1
Installation, maintenance, and repair occupations ..	1.1	1.9	1.2	0.2	7.0	2.9	1.5	17.2	5.5	39.5
Supervisors of installation, maintenance, and repair workers .....	.6	-	-	-	4.7	-	2.2	9.4	.9	8.2
First-line supervisors/managers of mechanics, installers, and repairers .....	.6	-	-	-	4.7	-	2.2	9.4	.9	8.2
First-line supervisors/managers of mechanics, installers, and repairers .....	.6	-	-	-	4.7	-	2.2	9.4	.9	8.2

See footnotes at end of table.



TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Electrical and electronic equipment mechanics, installers, and repairers .....	49-2000	159.5	95.5	8.6	7.0	6.8	—	6.2	0.8
Computer, automated teller, and office machine repairers .....	49-2010	76.9	40.8	—	—	—	—	4.5	3.2
Computer, automated teller, and office machine repairers .....	49-2011	76.9	40.8	—	—	—	—	4.5	3.2
Radio and telecommunications equipment installers and repairers .....	49-2020	260.6	176.8	13.6	8.6	8.2	—	8.8	—
Telecommunications equipment installers and repairers, except line installers .....	49-2022	266.9	181.0	14.0	8.8	8.4	—	9.0	—
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	49-2090	115.6	55.5	8.1	8.6	8.5	—	4.8	—
Avionics technicians .....	49-2091	83.3	47.2	—	—	—	—	—	—
Electric motor, power tool, and related repairers .....	49-2092	174.6	87.9	—	24.6	24.6	—	8.4	—
Electrical and electronics installers and repairers, transportation equipment .....	49-2093	263.3	72.6	54.6	19.8	18.6	—	16.2	—
Electrical and electronics repairers, commercial and industrial equipment .....	49-2094	92.3	47.5	2.9	7.6	7.6	—	—	—
Electrical and electronics repairers, powerhouse, substation, and relay .....	49-2095	65.5	31.9	18.2	11.8	11.8	—	—	—
Electronic equipment installers and repairers, motor vehicles .....	49-2096	74.9	55.9	—	—	—	—	—	—
Electronic home entertainment equipment installers and repairers .....	49-2097	201.4	96.4	6.7	7.2	6.7	—	17.7	—
Security and fire alarm systems installers .....	49-2098	79.4	36.3	5.6	4.1	4.1	—	—	—
Vehicle and mobile equipment mechanics, installers, and repairers .....	49-3000	230.0	72.7	15.3	29.6	28.1	1.6	18.8	5.1
Aircraft mechanics and service technicians .....	49-3010	260.4	137.6	15.0	24.3	24.1	—	17.4	—
Aircraft mechanics and service technicians .....	49-3011	260.4	137.6	15.0	24.3	24.1	—	17.4	—
Automotive technicians and repairers .....	49-3020	249.9	65.1	12.5	38.7	37.2	1.5	21.5	7.6
Automotive body and related repairers .....	49-3021	283.6	62.1	3.3	34.0	33.8	—	8.1	—
Automotive glass installers and repairers .....	49-3022	201.4	94.2	—	99.8	99.8	—	—	—
Automotive service technicians and mechanics .....	49-3023	243.6	64.9	14.9	38.1	36.2	1.9	25.1	5.3
Bus and truck mechanics and diesel engine specialists .....	49-3030	214.7	69.0	13.0	18.3	15.0	3.3	22.5	1.5
Bus and truck mechanics and diesel engine specialists .....	49-3031	214.7	69.0	13.0	18.3	15.0	3.3	22.5	1.5
Heavy vehicle and mobile equipment service technicians and mechanics .....	49-3040	173.8	57.3	14.2	22.3	21.6	—	16.4	5.0
Farm equipment mechanics .....	49-3041	222.6	51.6	15.6	33.9	31.5	—	24.5	8.0
Mobile heavy equipment mechanics, except engines .....	49-3042	168.1	57.0	13.4	21.6	21.3	—	14.8	5.0

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Electrical and electronic equipment mechanics, installers, and repairers .....	—	—	0.9	0.4	3.4	0.5	1.1	10.8	4.1	25.2
Computer, automated teller, and office machine repairers .....	—	—	—	—	—	—	—	11.3	7.3	14.3
Computer, automated teller, and office machine repairers .....	—	—	—	—	—	—	—	11.3	7.3	14.3
Radio and telecommunications equipment installers and repairers .....	—	—	—	—	3.4	—	1.7	14.9	3.2	32.8
Telecommunications equipment installers and repairers, except line installers .....	—	—	—	—	3.5	—	1.7	15.2	3.3	33.6
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	—	—	1.2	—	4.4	.7	1.0	7.5	3.4	23.8
Avionics technicians .....	—	—	—	—	—	—	—	—	—	16.2
Electric motor, power tool, and related repairers .....	—	—	—	—	—	—	—	—	—	32.2
Electrical and electronics installers and repairers, transportation equipment .....	—	—	—	—	—	—	—	27.6	—	63.8
Electrical and electronics repairers, commercial and industrial equipment .....	—	—	—	—	—	—	—	4.8	—	19.6
Electrical and electronics repairers, powerhouse, substation, and relay .....	—	—	—	—	—	—	—	—	—	—
Electronic equipment installers and repairers, motor vehicles .....	—	—	—	—	—	—	—	9.8	9.8	—
Electronic home entertainment equipment installers and repairers .....	—	—	—	—	12.9	—	—	12.0	9.9	46.7
Security and fire alarm systems installers .....	—	—	—	—	5.4	—	—	7.1	—	18.8
Vehicle and mobile equipment mechanics, installers, and repairers .....	1.6	3.3	1.6	.2	8.3	4.4	1.2	23.1	6.1	50.3
Aircraft mechanics and service technicians .....	—	—	—	—	2.6	—	—	22.5	14.3	38.2
Aircraft mechanics and service technicians .....	—	—	—	—	2.6	—	—	22.5	14.3	38.2
Automotive technicians and repairers .....	2.3	.5	2.4	.3	9.5	6.9	.9	27.2	6.0	62.3
Automotive body and related repairers .....	—	—	2.8	—	32.5	31.3	—	29.7	4.9	91.7
Automotive glass installers and repairers .....	—	—	—	—	—	—	—	—	—	—
Automotive service technicians and mechanics .....	2.9	.6	2.3	—	4.6	1.7	1.0	27.4	6.4	57.3
Bus and truck mechanics and diesel engine specialists .....	—	14.6	—	—	8.1	.9	.9	16.6	4.9	50.5
Bus and truck mechanics and diesel engine specialists .....	—	14.6	—	—	8.1	.9	.9	16.6	4.9	50.5
Heavy vehicle and mobile equipment service technicians and mechanics .....	1.6	4.0	1.4	—	11.1	3.6	2.6	10.1	3.2	30.2
Farm equipment mechanics .....	—	—	—	—	20.0	10.3	—	7.0	—	55.8
Mobile heavy equipment mechanics, except engines .....	—	5.7	2.1	—	10.4	2.3	3.8	11.4	3.6	25.9

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Rail car repairers .....	49-3043	128.2	67.9	16.7	—	—	—	12.2	—
Small engine mechanics .....	49-3050	51.8	16.8	7.5	4.3	4.3	—	—	—
Motorboat mechanics .....	49-3051	40.9	15.3	—	—	—	—	—	—
Motorcycle mechanics .....	49-3052	55.4	—	—	—	—	—	—	—
Outdoor power equipment and other small engine mechanics .....	49-3053	57.3	23.0	—	—	—	—	—	—
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers .....	49-3090	271.1	123.3	44.9	18.3	16.0	—	7.4	2.3
Bicycle repairers .....	49-3091	44.9	—	—	—	—	—	—	—
Recreational vehicle service technicians .....	49-3092	163.1	66.1	—	—	—	—	—	—
Tire repairers and changers .....	49-3093	306.6	142.5	54.5	21.2	18.4	—	7.7	—
Other installation, maintenance, and repair occupations .....	49-9000	211.2	82.9	19.4	21.8	18.2	3.6	13.4	3.4
Control and valve installers and repairers .....	49-9010	125.7	35.3	36.1	9.3	4.3	—	5.2	—
Mechanical door repairers .....	49-9011	124.1	—	—	17.7	—	—	—	—
Control and valve installers and repairers, except mechanical door .....	49-9012	126.5	50.3	6.2	5.5	5.5	—	7.6	—
Heating, air conditioning, and refrigeration mechanics and installers .....	49-9020	271.5	86.0	29.6	23.4	22.5	.9	17.8	7.5
Heating, air conditioning, and refrigeration mechanics and installers .....	49-9021	271.5	86.0	29.6	23.4	22.5	.9	17.8	7.5
Home appliance repairers .....	49-9030	75.6	24.9	—	36.9	36.9	—	—	—
Home appliance repairers .....	49-9031	75.6	24.9	—	36.9	36.9	—	—	—
Industrial machinery installation, repair, and maintenance workers .....	49-9040	190.3	68.6	16.0	22.3	18.5	3.9	10.3	3.9
Industrial machinery mechanics .....	49-9041	246.3	84.6	25.6	23.8	20.6	3.3	22.1	4.0
Maintenance and repair workers, general .....	49-9042	181.5	67.4	13.0	21.9	17.9	4.0	7.3	4.0
Maintenance workers, machinery .....	49-9043	113.7	35.2	14.8	23.3	17.0	6.3	5.6	3.7
Millwrights .....	49-9044	155.3	45.8	27.2	22.0	20.3	—	11.3	—
Line installers and repairers .....	49-9050	251.3	132.9	27.4	10.4	9.5	.9	13.5	.8
Electrical power-line installers and repairers .....	49-9051	186.8	87.2	15.2	4.7	2.7	1.9	9.4	2.2
Telecommunications line installers and repairers .....	49-9052	290.3	160.6	34.7	13.9	13.6	—	15.9	—
Precision instrument and equipment repairers .....	49-9060	41.1	29.4	—	—	—	—	—	—
Medical equipment repairers .....	49-9062	32.8	30.6	—	—	—	—	—	—
Miscellaneous installation, maintenance, and repair workers .....	49-9090	295.3	130.8	23.6	33.3	25.2	8.1	30.7	1.4
Coin, vending, and amusement machine servicers and repairers .....	49-9091	78.6	33.4	6.0	4.9	4.9	—	—	—
Commercial divers .....	49-9092	97.6	—	—	—	—	—	—	—
Locksmiths and safe repairers .....	49-9094	74.0	21.7	—	—	—	—	—	—
Manufactured building and mobile home installers .....	49-9095	40.7	29.9	—	—	—	—	—	—
Riggers .....	49-9096	325.0	122.5	17.3	20.5	20.5	—	40.5	—
Signal and track switch repairers .....	49-9097	143.8	72.7	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Rail car repairers .....	—	—	—	—	—	—	—	8.3	—	13.2
Small engine mechanics .....	—	6.1	—	—	—	—	—	—	—	14.1
Motorboat mechanics .....	—	—	—	—	—	—	—	—	—	—
Motorcycle mechanics .....	—	—	—	—	—	—	—	—	—	30.5
Outdoor power equipment and other small engine mechanics .....	—	14.3	—	—	—	—	—	—	—	12.6
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers .....	—	—	—	—	5.6	—	—	38.7	9.0	28.8
Bicycle repairers .....	—	—	—	—	—	—	—	—	—	—
Recreational vehicle service technicians .....	—	—	—	—	—	—	—	33.6	—	41.8
Tire repairers and changers .....	—	—	—	—	6.9	—	—	43.2	7.1	26.7
Other installation, maintenance, and repair occupations .....	0.9	1.8	1.2	0.2	7.4	3.1	1.6	16.7	6.2	42.0
Control and valve installers and repairers .....	—	—	—	—	—	—	—	4.5	4.5	33.4
Mechanical door repairers .....	—	—	—	—	—	—	—	—	—	—
Control and valve installers and repairers, except mechanical door .....	—	—	—	—	—	—	—	6.6	6.6	47.6
Heating, air conditioning, and refrigeration mechanics and installers .....	4.0	1.0	1.4	—	5.8	2.8	1.5	28.0	7.2	66.7
Heating, air conditioning, and refrigeration mechanics and installers .....	4.0	1.0	1.4	—	5.8	2.8	1.5	28.0	7.2	66.7
Home appliance repairers .....	—	—	—	—	—	—	—	—	—	—
Home appliance repairers .....	—	—	—	—	—	—	—	—	—	—
Industrial machinery installation, repair, and maintenance workers .....	.8	2.5	1.6	.2	8.9	3.9	2.0	14.4	4.2	40.7
Industrial machinery mechanics .....	1.5	4.2	2.0	—	9.9	5.1	.8	19.0	5.5	49.4
Maintenance and repair workers, general .....	.6	1.8	1.4	.3	9.2	3.8	2.5	13.8	4.1	40.7
Maintenance workers, machinery .....	—	4.6	—	—	—	—	—	5.1	2.9	16.5
Millwrights .....	—	4.7	—	—	5.1	—	—	11.7	—	20.5
Line installers and repairers .....	—	—	—	—	6.8	1.4	1.7	16.0	7.3	42.6
Electrical power-line installers and repairers .....	—	—	—	—	7.6	—	—	21.8	9.4	37.3
Telecommunications line installers and repairers .....	—	—	—	—	6.4	1.8	2.6	12.5	6.0	45.8
Precision instrument and equipment repairers .....	—	—	—	—	—	—	—	—	—	4.0
Medical equipment repairers .....	—	—	—	—	—	—	—	—	—	—
Miscellaneous installation, maintenance, and repair workers .....	.7	1.1	—	—	4.7	2.1	—	26.6	16.6	42.0
Coin, vending, and amusement machine servicers and repairers .....	—	—	—	—	—	—	—	12.6	—	16.0
Commercial divers .....	—	—	—	—	—	—	—	—	—	—
Locksmiths and safe repairers .....	—	—	—	—	—	—	—	—	—	34.8
Manufactured building and mobile home installers .....	—	—	—	—	—	—	—	—	—	—
Riggers .....	—	—	—	—	20.7	20.7	—	27.9	—	62.9
Signal and track switch repairers .....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Helpers--installation, maintenance, and repair workers .....	49-9098	177.5	97.0	18.5	26.7	10.5	16.2	7.0	—
Production occupations .....	51-0000	139.0	46.1	11.2	19.5	17.2	2.2	9.1	3.0
Supervisors, production workers .....	51-1000	72.0	22.9	8.4	6.7	5.9	.8	4.2	1.4
First-line supervisors/managers of production and operating workers .....	51-1010	72.0	22.9	8.4	6.7	5.9	.8	4.2	1.4
First-line supervisors/managers of production and operating workers .....	51-1011	72.0	22.9	8.4	6.7	5.9	.8	4.2	1.4
Assemblers and fabricators .....	51-2000	115.5	37.8	9.4	15.8	13.8	2.0	8.2	1.2
Aircraft structure, surfaces, rigging, and systems assemblers .....	51-2010	181.9	82.2	—	16.0	14.4	—	25.7	—
Aircraft structure, surfaces, rigging, and systems assemblers .....	51-2011	181.9	82.2	—	16.0	14.4	—	25.7	—
Electrical, electronics, and electromechanical assemblers .....	51-2020	60.0	28.7	4.6	3.7	2.7	1.1	2.9	—
Coil winders, tapers, and finishers .....	51-2021	74.6	14.1	21.1	10.9	—	—	10.0	—
Electrical and electronic equipment assemblers .....	51-2022	65.3	34.0	3.2	3.1	2.0	1.0	2.7	—
Electromechanical equipment assemblers ..	51-2023	36.8	15.5	3.9	3.6	3.1	—	—	—
Engine and other machine assemblers .....	51-2030	108.6	51.0	7.4	7.5	7.1	—	5.9	—
Engine and other machine assemblers .....	51-2031	108.6	51.0	7.4	7.5	7.1	—	5.9	—
Structural metal fabricators and fitters .....	51-2040	27.5	5.2	1.9	5.2	5.2	—	2.4	—
Structural metal fabricators and fitters .....	51-2041	27.5	5.2	1.9	5.2	5.2	—	2.4	—
Miscellaneous assemblers and fabricators .....	51-2090	132.1	40.3	11.3	19.4	17.0	2.4	9.2	1.6
Fiberglass laminators and fabricators .....	51-2091	70.2	28.8	7.8	—	—	—	8.1	—
Team assemblers .....	51-2092	1.6	.6	—	—	—	—	.2	—
Food processing workers .....	51-3000	131.6	39.8	7.8	30.8	28.3	2.4	8.4	4.1
Bakers .....	51-3010	132.7	48.8	14.6	8.8	7.7	—	17.5	7.1
Bakers .....	51-3011	132.7	48.8	14.6	8.8	7.7	—	17.5	7.1
Butchers and other meat, poultry, and fish processing workers .....	51-3020	134.8	37.3	5.1	44.9	41.3	3.6	5.6	.9
Butchers and meat cutters .....	51-3021	265.5	88.3	7.6	109.1	105.2	3.9	7.5	—
Meat, poultry, and fish cutters and trimmers .....	51-3022	98.5	18.0	5.0	20.7	15.5	5.2	6.8	1.4
Slaughterers and meat packers .....	51-3023	31.1	5.6	2.2	5.2	4.6	—	—	—
Miscellaneous food processing workers .....	51-3090	121.8	38.5	8.6	12.3	11.9	—	7.7	9.8
Food and tobacco roasting, baking, and drying machine operators and tenders .....	51-3091	175.4	94.3	—	—	—	—	—	14.6
Food batchmakers .....	51-3092	127.9	36.4	8.7	12.9	12.2	—	8.8	7.6
Food cooking machine operators and tenders .....	51-3093	82.5	19.7	9.8	11.9	11.9	—	5.4	13.5
Computer control programmers and operators .....	51-4010	61.8	29.8	5.7	10.3	9.5	—	4.9	—
Computer-controlled machine tool operators, metal and plastic .....	51-4011	66.0	33.1	6.3	10.5	10.0	—	5.4	—
Numerical tool and process control programmers .....	51-4012	26.4	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									All other natures <sup>6</sup>
	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	
Helpers--installation, maintenance, and repair workers .....	—	—	—	—	—	—	—	1.9	—	23.4
Production occupations .....	1.4	2.9	3.4	1.1	5.4	1.9	1.1	11.5	3.2	24.4
Supervisors, production workers .....	2.6	1.4	1.2	.3	5.7	.8	—	5.3	1.0	11.8
First-line supervisors/managers of production and operating workers .....	2.6	1.4	1.2	.3	5.7	.8	—	5.3	1.0	11.8
First-line supervisors/managers of production and operating workers .....	2.6	1.4	1.2	.3	5.7	.8	—	5.3	1.0	11.8
Assemblers and fabricators .....	.3	2.1	5.2	1.1	5.5	3.3	.8	9.8	2.1	19.2
Aircraft structure, surfaces, rigging, and systems assemblers .....	—	—	31.0	—	—	—	—	14.9	—	7.3
Aircraft structure, surfaces, rigging, and systems assemblers .....	—	—	31.0	—	—	—	—	14.9	—	7.3
Electrical, electronics, and electromechanical assemblers .....	—	—	3.5	1.9	.7	—	—	4.2	1.2	9.4
Coil winders, tapers, and finishers .....	—	—	—	—	—	—	—	—	—	—
Electrical and electronic equipment assemblers .....	—	—	3.5	1.6	—	—	—	5.0	1.5	11.4
Electromechanical equipment assemblers ..	—	—	3.6	—	—	—	—	—	—	3.9
Engine and other machine assemblers .....	—	—	—	—	—	—	—	—	—	22.8
Engine and other machine assemblers .....	—	—	—	—	—	—	—	—	—	22.8
Structural metal fabricators and fitters .....	—	—	—	—	—	—	—	4.5	—	7.9
Structural metal fabricators and fitters .....	—	—	—	—	—	—	—	4.5	—	7.9
Miscellaneous assemblers and fabricators .....	.4	2.8	5.1	1.0	7.2	4.3	1.0	11.4	2.5	22.4
Fiberglass laminators and fabricators .....	—	—	—	—	—	—	—	9.2	8.0	—
Team assemblers .....	—	—	—	—	.2	.2	—	—	—	.2
Food processing workers .....	.9	2.6	3.3	2.0	4.7	1.8	1.2	8.3	2.1	19.0
Bakers .....	—	—	4.3	—	3.6	—	3.0	10.7	4.2	15.9
Bakers .....	—	—	4.3	—	3.6	—	3.0	10.7	4.2	15.9
Butchers and other meat, poultry, and fish processing workers .....	—	3.6	3.1	1.3	3.8	2.5	.8	8.4	1.5	20.7
Butchers and meat cutters .....	—	7.4	2.7	—	8.4	6.5	—	10.0	1.9	23.6
Meat, poultry, and fish cutters and trimmers ..	—	2.4	4.2	2.4	2.4	—	—	10.8	1.6	24.4
Slaughterers and meat packers .....	—	—	—	—	—	—	—	2.1	—	10.7
Miscellaneous food processing workers .....	4.1	2.0	3.2	4.4	8.1	1.4	—	6.0	1.6	17.0
Food and tobacco roasting, baking, and drying machine operators and tenders .....	—	—	—	—	—	—	—	12.4	—	18.2
Food batchmakers .....	4.5	1.8	4.1	6.8	10.9	—	—	7.1	2.1	18.4
Food cooking machine operators and tenders .....	—	—	—	—	—	—	—	—	—	12.9
Computer control programmers and operators ..	—	—	—	—	1.1	—	—	2.5	1.3	6.7
Computer-controlled machine tool operators, metal and plastic .....	—	—	—	—	—	—	—	2.6	1.3	6.0
Numerical tool and process control programmers .....	—	—	—	—	—	—	—	—	—	13.0

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Forming machine setters, operators, and tenders, metal and plastic .....	51-4020	54.9	21.3	5.4	5.7	4.8	—	4.9	—
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	51-4021	35.6	17.1	2.4	2.3	2.0	—	4.3	—
Forging machine setters, operators, and tenders, metal and plastic .....	51-4022	68.7	17.7	12.0	10.9	10.9	—	—	—
Rolling machine setters, operators, and tenders, metal and plastic .....	51-4023	91.4	34.1	7.9	10.2	7.0	—	8.8	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	51-4031	84.7	20.6	8.1	13.9	13.2	—	4.1	—
Drilling and boring machine tool setters, operators, and tenders, metal and plastic .....	51-4032	40.1	5.9	—	10.2	9.4	—	5.2	—
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	51-4033	142.8	49.3	13.8	21.0	18.5	2.4	3.8	—
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	51-4034	41.9	14.0	4.0	6.5	4.6	—	—	—
Machinists .....	51-4040	91.4	22.2	11.7	21.2	19.5	1.7	4.1	1.1
Machinists .....	51-4041	91.4	22.2	11.7	21.2	19.5	1.7	4.1	1.1
Metal furnace and kiln operators and tenders .....	51-4050	189.4	65.2	14.4	12.7	10.9	—	14.6	41.3
Metal-refining furnace operators and tenders .....	51-4051	265.7	90.4	18.4	18.7	17.1	—	24.3	63.9
Pourers and casters, metal .....	51-4052	90.5	32.6	—	—	—	—	—	—
Model makers and patternmakers, metal and plastic .....	51-4060	25.5	—	—	—	—	—	—	—
Model makers, metal and plastic .....	51-4061	28.3	—	—	—	—	—	—	—
Molders and molding machine setters, operators, and tenders, metal and plastic .....	51-4070	101.3	30.4	7.7	9.0	7.2	1.9	3.5	2.5
Foundry mold and coremakers .....	51-4071	150.1	43.0	—	19.8	13.6	—	—	—
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	51-4072	96.0	29.0	7.8	7.9	6.5	1.4	2.7	2.0
Multiple machine tool setters, operators, and tenders, metal and plastic .....	51-4080	13.7	4.2	—	—	—	—	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic .....	51-4081	13.7	4.2	—	—	—	—	—	—
Tool and die makers .....	51-4110	74.8	18.0	8.7	9.5	8.7	—	3.2	—
Tool and die makers .....	51-4111	74.8	18.0	8.7	9.5	8.7	—	3.2	—
Welding, soldering, and brazing workers .....	51-4120	244.9	58.0	22.4	43.5	40.4	3.1	12.1	10.0
Welders, cutters, solderers, and brazers .....	51-4121	262.1	62.2	24.4	43.2	39.7	3.5	13.3	11.2
Welding, soldering, and brazing machine setters, operators, and tenders .....	51-4122	98.6	22.4	6.0	46.0	45.6	—	—	—
Miscellaneous metalworkers and plastic workers .....	51-4190	584.2	187.0	54.4	85.5	76.3	9.2	38.1	13.5

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Forming machine setters, operators, and tenders, metal and plastic .....	—	1.8	1.3	—	1.2	—	—	4.8	—	7.6
Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	—	—	—	—	—	—	—	—	—	5.1
Forging machine setters, operators, and tenders, metal and plastic .....	—	—	—	—	—	—	—	9.1	—	13.3
Rolling machine setters, operators, and tenders, metal and plastic .....	—	6.2	—	—	—	—	—	8.7	—	9.5
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	—	2.5	1.7	—	4.5	1.3	1.7	9.4	0.9	19.2
Drilling and boring machine tool setters, operators, and tenders, metal and plastic .....	—	—	—	—	—	—	—	—	—	8.8
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	—	—	4.4	—	2.3	—	—	9.7	4.0	36.8
Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	—	—	—	—	—	—	—	—	—	6.7
Machinists .....	—	2.7	1.3	0.8	3.7	1.4	—	5.0	.7	17.5
Machinists .....	—	2.7	1.3	.8	3.7	1.4	—	5.0	.7	17.5
Metal furnace and kiln operators and tenders .....	—	—	—	—	14.0	—	—	—	—	17.2
Metal-refining furnace operators and tenders .....	—	—	—	—	17.2	—	—	—	—	20.7
Pourers and casters, metal .....	—	—	—	—	—	—	—	—	—	12.6
Model makers and patternmakers, metal and plastic .....	—	—	—	—	—	—	—	—	—	—
Model makers, metal and plastic .....	—	—	—	—	—	—	—	—	—	—
Molders and molding machine setters, operators, and tenders, metal and plastic .....	3.4	—	1.3	—	4.2	—	—	25.5	21.8	13.0
Foundry mold and coremakers .....	—	—	—	—	—	—	—	14.2	—	27.7
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	2.3	—	—	—	4.1	—	—	26.7	23.5	11.4
Multiple machine tool setters, operators, and tenders, metal and plastic .....	—	—	—	—	—	—	—	4.2	2.6	—
Multiple machine tool setters, operators, and tenders, metal and plastic .....	—	—	—	—	—	—	—	4.2	2.6	—
Tool and die makers .....	—	—	—	—	3.2	—	—	14.4	—	14.3
Tool and die makers .....	—	—	—	—	3.2	—	—	14.4	—	14.3
Welding, soldering, and brazing workers .....	—	1.6	4.4	1.3	6.0	2.4	1.3	22.4	9.2	62.9
Welders, cutters, solderers, and brazers .....	—	1.8	4.7	1.4	6.5	2.7	1.5	24.4	10.2	68.7
Welding, soldering, and brazing machine setters, operators, and tenders .....	—	—	—	—	—	—	—	5.5	—	13.4
Miscellaneous metalworkers and plastic workers .....	6.8	12.9	16.2	3.0	13.9	4.9	3.4	42.2	13.2	110.8

See footnotes at end of table.



TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Heat treating equipment setters, operators, and tenders, metal and plastic .....	51-4191	96.5	27.3	—	12.2	11.6	—	—	11.7
Lay-out workers, metal and plastic .....	51-4192	401.4	71.7	104.1	—	—	—	93.4	—
Plating and coating machine setters, operators, and tenders, metal and plastic .....	51-4193	151.0	57.5	7.3	11.3	10.8	—	5.0	10.0
Tool grinders, filers, and sharpeners .....	51-4194	34.5	—	—	—	—	—	—	—
Printing workers .....	51-5000	90.9	36.5	4.1	12.9	11.9	0.9	3.8	—
Bookbinders and bindery workers .....	51-5010	125.2	85.2	3.8	8.2	7.8	—	—	—
Bindery workers .....	51-5011	131.7	90.0	3.8	8.7	8.2	—	—	—
Bookbinders .....	51-5012	69.0	44.1	—	—	—	—	—	—
Printers .....	51-5020	83.1	25.4	4.2	13.9	12.9	1.1	4.5	—
Job printers .....	51-5021	14.3	8.5	—	—	—	—	—	—
Prepress technicians and workers .....	51-5022	20.7	6.6	—	—	—	—	—	—
Printing machine operators .....	51-5023	114.9	34.2	5.3	20.1	18.9	1.2	6.3	—
Textile, apparel, and furnishings workers .....	51-6000	96.6	30.6	5.6	12.0	8.8	3.2	9.5	3.0
Laundry and dry-cleaning workers .....	51-6010	166.4	63.5	9.9	6.3	5.8	—	22.7	5.0
Laundry and dry-cleaning workers .....	51-6011	166.4	63.5	9.9	6.3	5.8	—	22.7	5.0
Pressers, textile, garment, and related materials .....	51-6020	27.4	6.6	—	—	—	—	—	13.1
Pressers, textile, garment, and related materials .....	51-6021	27.4	6.6	—	—	—	—	—	13.1
Sewing machine operators .....	51-6030	72.0	13.5	2.6	17.3	9.7	7.6	4.0	—
Sewing machine operators .....	51-6031	72.0	13.5	2.6	17.3	9.7	7.6	4.0	—
Shoe and leather workers .....	51-6040	60.8	23.0	—	—	—	—	—	—
Shoe and leather workers and repairers .....	51-6041	24.2	—	—	—	—	—	—	—
Shoe machine operators and tenders .....	51-6042	143.4	—	—	—	—	—	—	—
Tailors, dressmakers, and sewers .....	51-6050	68.9	13.8	8.0	14.0	—	14.0	—	—
Tailors, dressmakers, and custom sewers .....	51-6052	80.6	16.0	9.8	17.2	—	17.2	—	—
Textile machine setters, operators, and tenders .....	51-6060	36.8	8.8	3.4	4.3	2.7	—	2.3	—
Textile bleaching and dyeing machine operators and tenders .....	51-6061	19.9	—	—	—	—	—	—	—
Textile cutting machine setters, operators, and tenders .....	51-6062	47.7	—	—	—	—	—	—	—
Textile knitting and weaving machine setters, operators, and tenders .....	51-6063	26.0	10.0	—	—	—	—	—	—
Textile winding, twisting, and drawing out machine setters, operators, and tenders .....	51-6064	46.1	12.7	—	—	—	—	—	—
Miscellaneous textile, apparel, and furnishings workers .....	51-6090	110.3	34.6	7.1	34.2	33.1	—	4.9	—
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers .....	51-6091	26.4	13.0	—	—	—	—	—	—
Upholsterers .....	51-6093	134.8	36.3	—	64.0	—	—	—	—
Woodworkers .....	51-7000	119.5	30.6	8.1	43.3	37.3	5.9	4.5	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Heat treating equipment setters, operators, and tenders, metal and plastic .....	-	-	-	-	11.3	-	-	-	-	15.9
Lay-out workers, metal and plastic .....	-	-	-	-	-	-	-	41.4	-	77.5
Plating and coating machine setters, operators, and tenders, metal and plastic .....	7.2	-	-	-	-	-	-	8.0	-	35.7
Tool grinders, filers, and sharpeners .....	-	-	-	-	-	-	-	-	-	-
Printing workers .....	-	-	2.3	-	2.0	0.9	-	4.1	1.7	23.5
Bookbinders and bindery workers .....	-	-	3.7	-	-	-	-	3.8	-	16.0
Bindery workers .....	-	-	3.9	-	-	-	-	3.6	-	16.8
Bookbinders .....	-	-	-	-	-	-	-	-	-	-
Printers .....	-	-	2.0	-	2.3	1.1	-	4.2	1.7	25.2
Job printers .....	-	-	-	-	-	-	-	-	-	-
Prepress technicians and workers .....	-	-	-	-	-	-	-	-	-	4.1
Printing machine operators .....	-	-	2.4	-	3.0	1.3	-	5.6	2.4	36.1
Textile, apparel, and furnishings workers .....	.5	0.8	2.5	1.5	2.9	.3	1.2	11.4	2.1	16.3
Laundry and dry-cleaning workers .....	1.3	-	2.1	2.9	6.1	1.1	2.6	16.5	3.4	29.8
Laundry and dry-cleaning workers .....	1.3	-	2.1	2.9	6.1	1.1	2.6	16.5	3.4	29.8
Pressers, textile, garment, and related materials .....	-	-	-	-	-	-	-	-	-	-
Pressers, textile, garment, and related materials .....	-	-	-	-	-	-	-	-	-	-
Sewing machine operators .....	-	1.3	2.5	-	2.1	-	1.2	13.2	1.8	13.7
Sewing machine operators .....	-	1.3	2.5	-	2.1	-	1.2	13.2	1.8	13.7
Shoe and leather workers .....	-	-	-	-	-	-	-	-	-	-
Shoe and leather workers and repairers .....	-	-	-	-	-	-	-	-	-	-
Shoe machine operators and tenders .....	-	-	-	-	-	-	-	-	-	-
Tailors, dressmakers, and sewers .....	-	-	-	-	-	-	-	14.5	-	7.6
Tailors, dressmakers, and custom sewers .....	-	-	-	-	-	-	-	14.7	-	9.3
Textile machine setters, operators, and tenders .....	-	-	-	-	-	-	-	6.5	-	8.4
Textile bleaching and dyeing machine operators and tenders .....	-	-	-	-	-	-	-	-	-	19.9
Textile cutting machine setters, operators, and tenders .....	-	-	-	-	-	-	-	13.1	-	-
Textile knitting and weaving machine setters, operators, and tenders .....	-	-	-	-	-	-	-	-	-	-
Textile winding, twisting, and drawing out machine setters, operators, and tenders .....	-	-	-	-	-	-	-	6.1	-	12.4
Miscellaneous textile, apparel, and furnishings workers .....	-	-	7.0	-	-	-	-	6.3	-	10.9
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers .....	-	-	-	-	-	-	-	-	-	-
Upholsterers .....	-	-	13.8	-	-	-	-	-	-	6.1
Woodworkers .....	-	3.5	2.8	-	2.7	.8	1.3	6.6	1.7	16.6

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Cabinetmakers and bench carpenters .....	51-7010	39.6	8.0	—	18.9	18.1	—	—	—
Cabinetmakers and bench carpenters .....	51-7011	39.6	8.0	—	18.9	18.1	—	—	—
Furniture finishers .....	51-7020	96.8	38.3	—	—	—	—	28.8	—
Furniture finishers .....	51-7021	96.8	38.3	—	—	—	—	28.8	—
Woodworking machine setters, operators, and tenders .....	51-7040	158.3	30.1	16.2	55.8	53.0	2.7	5.4	—
Sawing machine setters, operators, and tenders, wood .....	51-7041	313.2	44.5	43.1	128.2	123.3	4.8	8.7	—
Woodworking machine setters, operators, and tenders, except sawing .....	51-7042	76.4	22.4	—	17.5	15.9	—	3.7	—
Power plant operators, distributors, and dispatchers .....	51-8010	34.9	18.6	4.8	—	—	—	—	—
Power distributors and dispatchers .....	51-8012	48.8	20.5	—	—	—	—	—	—
Power plant operators .....	51-8013	36.3	21.0	6.1	—	—	—	—	—
Stationary engineers and boiler operators .....	51-8020	158.6	54.0	9.9	36.5	33.4	—	9.3	13.6
Stationary engineers and boiler operators ..	51-8021	158.6	54.0	9.9	36.5	33.4	—	9.3	13.6
Water and liquid waste treatment plant and system operators .....	51-8030	177.6	127.0	—	10.9	10.9	—	10.4	—
Water and liquid waste treatment plant and system operators .....	51-8031	177.6	127.0	—	10.9	10.9	—	10.4	—
Chemical plant and system operators .....	51-8091	7.4	—	—	—	—	—	—	—
Petroleum pump system operators, refinery operators, and gaugers .....	51-8093	12.3	7.3	—	—	—	—	—	—
Other production occupations .....	51-9000	196.7	72.6	15.1	20.0	17.5	2.5	14.0	4.4
Chemical processing machine setters, operators, and tenders .....	51-9010	51.4	15.7	3.1	2.5	2.2	—	2.4	3.5
Chemical equipment operators and tenders	51-9011	37.6	13.4	3.6	—	—	—	—	—
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders .....	51-9012	69.1	18.8	—	4.8	4.5	—	4.5	6.0
Crushing, grinding, polishing, mixing, and blending workers .....	51-9020	94.1	31.8	10.1	7.0	6.4	—	5.0	1.9
Crushing, grinding, and polishing machine setters, operators, and tenders .....	51-9021	259.1	88.6	39.6	12.7	11.8	—	14.9	—
Grinding and polishing workers, hand .....	51-9022	58.1	8.1	—	5.3	5.3	—	5.5	—
Mixing and blending machine setters, operators, and tenders .....	51-9023	54.7	21.0	3.4	5.8	5.1	—	2.0	2.4
Cutting workers .....	51-9030	175.0	78.1	25.5	21.1	16.8	4.3	11.4	—
Cutters and trimmers, hand .....	51-9031	23.4	—	—	10.4	8.7	—	—	—
Cutting and slicing machine setters, operators, and tenders .....	51-9032	218.2	98.3	32.6	24.1	19.1	5.0	14.7	—
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	51-9040	133.4	45.5	18.1	15.2	12.8	2.5	8.5	2.8

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Cabinetmakers and bench carpenters .....	—	—	4.5	—	—	—	—	—	—	5.0
Cabinetmakers and bench carpenters .....	—	—	4.5	—	—	—	—	—	—	5.0
Furniture finishers .....	—	—	—	—	—	—	—	13.0	—	13.4
Furniture finishers .....	—	—	—	—	—	—	—	13.0	—	13.4
Woodworking machine setters, operators, and tenders .....	—	7.0	1.5	—	5.1	—	2.7	9.7	1.8	26.3
Sawing machine setters, operators, and tenders, wood .....	—	15.9	—	—	10.7	—	5.8	9.4	—	50.1
Woodworking machine setters, operators, and tenders, except sawing .....	—	2.3	—	—	—	—	—	9.9	—	13.7
Power plant operators, distributors, and dispatchers .....	—	—	—	—	—	—	—	—	—	4.6
Power distributors and dispatchers .....	—	—	—	—	—	—	—	—	—	—
Power plant operators .....	—	—	—	—	—	—	—	—	—	—
Stationary engineers and boiler operators .....	9.1	—	—	—	—	—	—	7.2	—	15.9
Stationary engineers and boiler operators ..	9.1	—	—	—	—	—	—	7.2	—	15.9
Water and liquid waste treatment plant and system operators .....	—	—	—	—	—	—	—	—	—	9.6
Water and liquid waste treatment plant and system operators .....	—	—	—	—	—	—	—	—	—	9.6
Chemical plant and system operators .....	—	—	—	—	—	—	—	—	—	—
Petroleum pump system operators, refinery operators, and gaugers .....	—	—	—	—	—	—	—	—	—	—
Other production occupations .....	2.9	5.4	4.1	1.5	7.9	2.5	1.7	16.1	4.1	32.7
Chemical processing machine setters, operators, and tenders .....	6.7	—	—	—	—	—	—	4.3	—	9.6
Chemical equipment operators and tenders	5.5	—	—	—	—	—	—	—	—	8.2
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders .....	8.3	—	—	—	—	—	—	7.0	—	11.4
Crushing, grinding, polishing, mixing, and blending workers .....	3.5	—	1.1	—	2.1	—	—	7.1	1.1	23.4
Crushing, grinding, and polishing machine setters, operators, and tenders .....	—	—	—	—	7.3	—	—	9.4	—	77.2
Grinding and polishing workers, hand .....	—	—	—	—	—	—	—	27.8	—	—
Mixing and blending machine setters, operators, and tenders .....	4.7	—	—	—	—	—	—	—	—	12.4
Cutting workers .....	—	5.3	2.1	—	5.0	—	—	7.7	—	17.2
Cutters and trimmers, hand .....	—	—	—	—	—	—	—	—	—	—
Cutting and slicing machine setters, operators, and tenders .....	—	6.8	2.6	—	5.8	—	—	9.7	—	21.4
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	—	—	2.6	—	3.9	—	—	16.6	10.1	17.2

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	51-9041	133.4	45.5	18.1	15.2	12.8	2.5	8.5	2.8
Furnace, kiln, oven, drier, and kettle operators and tenders .....	51-9050	148.6	56.1	—	—	—	—	23.9	—
Furnace, kiln, oven, drier, and kettle operators and tenders .....	51-9051	148.6	56.1	—	—	—	—	23.9	—
Inspectors, testers, sorters, samplers, and weighers .....	51-9060	112.9	49.5	7.8	7.0	6.0	1.0	9.6	.5
Inspectors, testers, sorters, samplers, and weighers .....	51-9061	112.9	49.5	7.8	7.0	6.0	1.0	9.6	.5
Jewelers and precious stone and metal workers .....	51-9070	39.4	—	—	28.9	—	—	—	—
Jewelers and precious stone and metal workers .....	51-9071	39.4	—	—	28.9	—	—	—	—
Medical, dental, and ophthalmic laboratory technicians .....	51-9080	23.6	4.1	—	—	—	—	—	—
Dental laboratory technicians .....	51-9081	7.2	—	—	—	—	—	—	—
Medical appliance technicians .....	51-9082	13.5	—	—	—	—	—	—	—
Ophthalmic laboratory technicians .....	51-9083	49.5	8.2	—	—	—	—	—	—
Packaging and filling machine operators and tenders .....	51-9110	114.9	40.4	7.5	8.7	8.3	—	8.6	1.3
Packaging and filling machine operators and tenders .....	51-9111	114.9	40.4	7.5	8.7	8.3	—	8.6	1.3
Painting workers .....	51-9120	92.9	25.5	8.5	5.8	4.9	—	8.5	—
Coating, painting, and spraying machine setters, operators, and tenders .....	51-9121	54.5	17.5	7.9	3.0	3.0	—	6.0	—
Painters, transportation equipment .....	51-9122	81.5	29.0	—	—	—	—	11.3	—
Painting, coating, and decorating workers ..	51-9123	232.8	45.0	24.2	18.8	15.6	—	11.7	—
Photographic process workers and processing machine operators .....	51-9130	88.6	51.7	—	4.3	4.3	—	6.1	—
Photographic process workers .....	51-9131	201.5	141.0	—	14.6	14.6	—	21.9	—
Photographic processing machine operators .....	51-9132	44.5	16.9	—	—	—	—	—	—
Semiconductor processors .....	51-9140	17.1	—	—	—	—	—	—	—
Semiconductor processors .....	51-9141	17.1	—	—	—	—	—	—	—
Miscellaneous production workers .....	51-9190	387.1	140.7	28.7	44.1	39.1	5.0	26.7	10.7
Cementing and gluing machine operators and tenders .....	51-9191	69.7	28.7	11.8	—	—	—	—	—
Cleaning, washing, and metal pickling equipment operators and tenders .....	51-9192	79.5	35.6	—	14.8	14.8	—	—	—
Cooling and freezing equipment operators and tenders .....	51-9193	101.2	48.0	—	—	—	—	—	—
Etchers and engravers .....	51-9194	65.4	32.1	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	—	—	2.6	—	3.9	—	—	16.6	10.1	17.2
Furnace, kiln, oven, drier, and kettle operators and tenders .....	10.1	8.4	—	—	—	—	—	—	—	22.9
Furnace, kiln, oven, drier, and kettle operators and tenders .....	10.1	8.4	—	—	—	—	—	—	—	22.9
Inspectors, testers, sorters, samplers, and weighers .....	.7	.5	3.0	0.6	6.0	2.8	1.0	10.3	2.1	17.5
Inspectors, testers, sorters, samplers, and weighers .....	.7	.5	3.0	.6	6.0	2.8	1.0	10.3	2.1	17.5
Jewelers and precious stone and metal workers .....	—	—	—	—	—	—	—	—	—	—
Jewelers and precious stone and metal workers .....	—	—	—	—	—	—	—	—	—	—
Medical, dental, and ophthalmic laboratory technicians .....	—	—	—	—	—	—	—	6.0	—	5.1
Dental laboratory technicians .....	—	—	—	—	—	—	—	—	—	—
Medical appliance technicians .....	—	—	—	—	—	—	—	—	—	—
Ophthalmic laboratory technicians .....	—	—	—	—	—	—	—	16.6	—	9.2
Packaging and filling machine operators and tenders .....	.8	11.7	2.2	—	6.2	1.3	2.1	11.1	2.4	15.8
Packaging and filling machine operators and tenders .....	.8	11.7	2.2	—	6.2	1.3	2.1	11.1	2.4	15.8
Painting workers .....	4.1	—	4.7	—	1.2	—	—	12.5	2.4	21.2
Coating, painting, and spraying machine setters, operators, and tenders .....	—	—	—	—	—	—	—	5.3	2.7	11.3
Painters, transportation equipment .....	—	—	—	—	—	—	—	16.4	—	18.5
Painting, coating, and decorating workers ..	22.2	—	20.8	—	—	—	—	28.6	—	57.3
Photographic process workers and processing machine operators .....	—	12.4	—	—	—	—	—	—	—	6.4
Photographic process workers .....	—	—	—	—	—	—	—	—	—	12.5
Photographic processing machine operators .....	—	17.0	—	—	—	—	—	—	—	—
Semiconductor processors .....	—	—	—	—	—	—	—	—	—	—
Semiconductor processors .....	—	—	—	—	—	—	—	—	—	—
Miscellaneous production workers .....	5.0	8.7	7.9	3.7	15.7	5.0	3.3	30.0	8.0	65.3
Cementing and gluing machine operators and tenders .....	—	—	—	—	—	—	—	—	—	—
Cleaning, washing, and metal pickling equipment operators and tenders .....	—	—	—	—	—	—	—	—	—	10.1
Cooling and freezing equipment operators and tenders .....	—	—	—	—	—	—	—	—	—	—
Etchers and engravers .....	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Molders, shapers, and casters, except metal and plastic .....	51-9195	109.4	36.6	5.5	13.8	10.4	—	—	—
Paper goods machine setters, operators, and tenders .....	51-9196	60.4	23.5	5.2	8.5	8.5	—	2.8	—
Tire builders .....	51-9197	211.5	89.5	10.4	—	—	—	13.9	—
Helpers--production workers .....	51-9198	57.4	19.3	3.0	4.6	4.5	—	5.2	1.4
Transportation and material moving occupations .....	53-0000	264.7	117.1	20.9	16.6	15.1	1.5	23.3	1.6
Supervisors, transportation and material moving workers .....	53-1000	140.5	62.3	10.7	13.0	12.4	.6	17.2	—
Aircraft cargo handling supervisors .....	53-1010	120.8	50.8	—	—	—	—	—	—
Aircraft cargo handling supervisors .....	53-1011	120.8	50.8	—	—	—	—	—	—
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	53-1020	224.4	106.5	14.3	25.3	24.1	1.2	16.1	—
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	53-1021	224.4	106.5	14.3	25.3	24.1	1.2	16.1	—
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	53-1030	59.4	19.6	7.0	1.5	1.5	—	17.9	—
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	53-1031	59.4	19.6	7.0	1.5	1.5	—	17.9	—
Air transportation workers .....	53-2000	79.1	39.4	—	2.8	2.8	—	2.6	—
Aircraft pilots and flight engineers .....	53-2010	83.5	42.1	—	3.0	3.0	—	2.0	—
Airline pilots, copilots, and flight engineers .....	53-2011	79.6	37.6	—	—	—	—	—	—
Commercial pilots .....	53-2012	93.5	53.5	—	7.8	7.8	—	—	—
Air traffic controllers and airfield operations specialists .....	53-2020	24.3	—	—	—	—	—	—	—
Airfield operations specialists .....	53-2022	35.1	—	—	—	—	—	—	—
Motor vehicle operators .....	53-3000	312.7	145.9	26.8	13.1	11.8	1.3	23.9	.5
Ambulance drivers and attendants, except emergency medical technicians .....	53-3010	142.1	67.6	—	—	—	—	—	—
Ambulance drivers and attendants, except emergency medical technicians .....	53-3011	142.1	67.6	—	—	—	—	—	—
Bus drivers .....	53-3020	190.0	84.1	8.1	10.6	10.5	—	19.4	—
Bus drivers, transit and intercity .....	53-3021	402.3	183.3	8.4	32.0	31.7	—	43.5	—
Bus drivers, school .....	53-3022	93.6	39.1	8.0	—	—	—	8.4	—
Driver/sales workers and truck drivers .....	53-3030	329.5	154.6	28.5	13.7	12.2	1.5	24.9	.5
Driver/sales workers .....	53-3031	228.4	121.9	15.7	8.3	7.8	.5	16.2	—
Truck drivers, heavy and tractor-trailer .....	53-3032	314.1	141.8	35.5	13.2	11.7	1.5	23.2	.7
Truck drivers, light or delivery services .....	53-3033	402.7	192.6	21.2	16.9	15.1	1.9	31.8	.5
Taxi drivers and chauffeurs .....	53-3040	216.4	100.2	27.6	6.7	5.4	—	10.9	—
Taxi drivers and chauffeurs .....	53-3041	216.4	100.2	27.6	6.7	5.4	—	10.9	—
Locomotive engineers and operators .....	53-4010	74.7	45.0	4.0	3.4	3.4	—	9.1	—
Locomotive engineers .....	53-4011	67.0	41.8	—	—	—	—	7.7	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Molders, shapers, and casters, except metal and plastic .....	—	—	6.3	—	—	—	—	18.8	—	21.3
Paper goods machine setters, operators, and tenders .....	—	2.0	—	—	—	—	—	3.1	—	11.2
Tire builders .....	—	54.7	—	—	—	—	—	10.3	—	16.0
Helpers--production workers .....	0.7	.7	—	1.0	2.9	1.0	—	3.7	1.3	14.4
Transportation and material moving occupations .....	1.0	1.0	1.0	.8	11.4	2.5	4.8	30.7	10.3	39.1
Supervisors, transportation and material moving workers .....	1.0	—	—	.6	4.7	.9	2.0	8.0	2.6	22.0
Aircraft cargo handling supervisors .....	—	—	—	—	—	—	—	—	—	—
Aircraft cargo handling supervisors .....	—	—	—	—	—	—	—	—	—	—
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	1.9	—	—	1.2	7.9	1.2	3.7	13.6	4.4	36.4
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	1.9	—	—	1.2	7.9	1.2	3.7	13.6	4.4	36.4
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	—	—	—	—	1.8	—	—	2.6	.9	8.1
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	—	—	—	—	1.8	—	—	2.6	.9	8.1
Air transportation workers .....	—	—	—	—	—	—	—	4.7	—	27.5
Aircraft pilots and flight engineers .....	—	—	—	—	—	—	—	5.1	—	29.0
Airline pilots, copilots, and flight engineers .....	—	—	—	—	—	—	—	6.0	—	32.4
Commercial pilots .....	—	—	—	—	—	—	—	—	—	20.5
Air traffic controllers and airfield operations specialists .....	—	—	—	—	—	—	—	—	—	—
Airfield operations specialists .....	—	—	—	—	—	—	—	—	—	—
Motor vehicle operators .....	.7	.5	.5	.4	15.4	3.0	6.6	40.1	13.4	44.7
Ambulance drivers and attendants, except emergency medical technicians .....	—	—	—	—	—	—	—	31.9	24.8	—
Ambulance drivers and attendants, except emergency medical technicians .....	—	—	—	—	—	—	—	31.9	24.8	—
Bus drivers .....	—	1.0	—	—	10.6	3.0	4.2	27.2	7.5	27.6
Bus drivers, transit and intercity .....	—	3.2	—	—	18.2	—	11.7	54.6	11.3	54.6
Bus drivers, school .....	—	—	—	—	7.1	3.8	—	14.8	5.8	15.3
Driver/sales workers and truck drivers .....	.8	.5	.6	.5	16.0	3.1	7.0	41.9	13.9	47.1
Driver/sales workers .....	—	—	—	—	7.9	1.2	3.2	30.5	12.2	27.1
Truck drivers, heavy and tractor-trailer .....	.3	.7	.8	.4	18.9	4.1	6.9	34.1	11.9	44.6
Truck drivers, light or delivery services .....	1.9	.3	.3	.7	14.3	2.1	8.9	61.4	18.2	60.8
Taxi drivers and chauffeurs .....	—	—	—	—	11.1	1.7	3.7	28.2	13.2	30.9
Taxi drivers and chauffeurs .....	—	—	—	—	11.1	1.7	3.7	28.2	13.2	30.9
Locomotive engineers and operators .....	—	—	—	—	—	—	—	—	—	12.3
Locomotive engineers .....	—	—	—	—	—	—	—	—	—	11.4

See footnotes at end of table.



TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Rail yard engineers, dinkey operators, and hostlers .....	53-4013	143.2	75.3	—	—	—	—	—	—
Railroad conductors and yardmasters .....	53-4030	202.7	118.7	13.5	9.2	8.2	—	32.5	—
Railroad conductors and yardmasters .....	53-4031	202.7	118.7	13.5	9.2	8.2	—	32.5	—
Water transportation workers .....	53-5000	135.7	62.6	9.5	7.7	7.2	—	12.8	—
Sailors and marine oilers .....	53-5010	203.0	94.5	16.7	8.6	7.3	—	20.4	—
Sailors and marine oilers .....	53-5011	203.0	94.5	16.7	8.6	7.3	—	20.4	—
Ship and boat captains and operators .....	53-5020	87.6	38.7	—	8.3	8.3	—	8.1	—
Captains, mates, and pilots of water vessels .....	53-5021	93.7	42.1	—	9.1	9.1	—	8.8	—
Ship engineers .....	53-5030	65.5	32.8	—	—	—	—	—	—
Ship engineers .....	53-5031	65.5	32.8	—	—	—	—	—	—
Other transportation workers .....	53-6000	288.3	170.8	7.9	16.0	12.2	—	18.0	7.0
Parking lot attendants .....	53-6020	96.6	42.8	7.5	2.4	2.4	—	6.4	—
Parking lot attendants .....	53-6021	96.6	42.8	7.5	2.4	2.4	—	6.4	—
Service station attendants .....	53-6030	118.4	73.3	5.3	—	—	—	3.1	18.7
Service station attendants .....	53-6031	118.4	73.3	5.3	—	—	—	3.1	18.7
Transportation inspectors .....	53-6050	53.4	29.5	—	—	—	—	—	—
Transportation inspectors .....	53-6051	53.4	29.5	—	—	—	—	—	—
Material moving workers .....	53-7000	245.6	98.3	18.6	21.3	19.5	1.7	24.6	2.4
Conveyor operators and tenders .....	53-7010	43.4	24.0	6.2	4.4	—	—	—	—
Conveyor operators and tenders .....	53-7011	43.4	24.0	6.2	4.4	—	—	—	—
Crane and tower operators .....	53-7020	139.4	57.0	18.8	6.8	5.8	—	21.3	—
Crane and tower operators .....	53-7021	139.4	57.0	18.8	6.8	5.8	—	21.3	—
Dredge, excavating, and loading machine operators .....	53-7030	92.5	38.5	5.6	9.3	9.3	—	4.0	—
Excavating and loading machine and dragline operators .....	53-7032	100.6	42.0	5.9	10.2	10.2	—	4.4	—
Hoist and winch operators .....	53-7040	770.7	130.7	221.3	113.9	113.9	—	—	—
Hoist and winch operators .....	53-7041	770.7	130.7	221.3	113.9	113.9	—	—	—
Industrial truck and tractor operators .....	53-7050	84.3	31.0	7.9	4.5	4.0	.5	10.0	—
Industrial truck and tractor operators .....	53-7051	84.3	31.0	7.9	4.5	4.0	.5	10.0	—
Laborers and material movers, hand .....	53-7060	283.6	115.3	21.2	25.6	23.5	2.1	28.1	2.8
Cleaners of vehicles and equipment .....	53-7061	158.0	66.8	6.6	16.8	16.2	.7	14.3	—
Laborers and freight, stock, and material movers, hand .....	53-7062	391.3	160.7	30.7	34.0	30.9	3.1	39.3	4.0
Machine feeders and offbearers .....	53-7063	86.0	22.3	8.8	15.0	13.7	—	9.9	—
Packers and packagers, hand .....	53-7064	79.6	29.6	3.7	8.5	8.1	.4	6.6	.8
Pumping station operators .....	53-7070	44.1	8.7	7.3	—	—	—	—	—
Gas compressor and gas pumping station operators .....	53-7071	49.2	—	—	—	—	—	—	—
Pump operators, except wellhead pumpers .....	53-7072	20.6	—	—	—	—	—	—	—
Wellhead pumpers .....	53-7073	58.2	—	—	—	—	—	—	—
Refuse and recyclable material collectors .....	53-7080	198.5	88.2	12.4	11.0	11.0	—	18.6	—
Refuse and recyclable material collectors .....	53-7081	198.5	88.2	12.4	11.0	11.0	—	18.6	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Rail yard engineers, dinkey operators, and hostlers .....	-	-	-	-	-	-	-	-	-	-
Railroad conductors and yardmasters .....	-	-	-	-	-	-	-	-	-	27.5
Railroad conductors and yardmasters .....	-	-	-	-	-	-	-	-	-	27.5
Water transportation workers .....	-	-	-	-	2.0	-	-	9.7	-	23.3
Sailors and marine oilers .....	-	-	-	-	-	-	-	9.0	-	32.8
Sailors and marine oilers .....	-	-	-	-	-	-	-	9.0	-	32.8
Ship and boat captains and operators .....	-	-	-	-	-	-	-	12.5	-	15.1
Captains, mates, and pilots of water vessels .....	-	-	-	-	-	-	-	13.6	-	14.9
Ship engineers .....	-	-	-	-	-	-	-	-	-	18.4
Ship engineers .....	-	-	-	-	-	-	-	-	-	18.4
Other transportation workers .....	-	-	-	-	7.5	1.3	3.3	25.6	6.7	34.6
Parking lot attendants .....	-	-	-	-	5.3	2.2	-	13.1	8.4	16.6
Parking lot attendants .....	-	-	-	-	5.3	2.2	-	13.1	8.4	16.6
Service station attendants .....	-	-	-	-	6.1	-	4.6	-	-	7.5
Service station attendants .....	-	-	-	-	6.1	-	4.6	-	-	7.5
Transportation inspectors .....	-	-	-	-	-	-	-	-	-	-
Transportation inspectors .....	-	-	-	-	-	-	-	-	-	-
Material moving workers .....	1.4	1.7	1.7	1.3	9.5	2.5	3.9	27.2	9.4	37.6
Conveyor operators and tenders .....	-	-	-	-	-	-	-	-	-	-
Conveyor operators and tenders .....	-	-	-	-	-	-	-	-	-	-
Crane and tower operators .....	-	-	-	-	-	-	-	19.0	-	11.6
Crane and tower operators .....	-	-	-	-	-	-	-	19.0	-	11.6
Dredge, excavating, and loading machine operators .....	-	-	-	-	-	-	-	17.1	-	15.2
Excavating and loading machine and dragline operators .....	-	-	-	-	-	-	-	18.7	-	16.5
Hoist and winch operators .....	-	-	-	-	-	-	-	166.5	-	62.6
Hoist and winch operators .....	-	-	-	-	-	-	-	166.5	-	62.6
Industrial truck and tractor operators .....	-	.7	.5	-	4.3	2.2	.8	12.8	4.1	12.0
Industrial truck and tractor operators .....	-	.7	.5	-	4.3	2.2	.8	12.8	4.1	12.0
Laborers and material movers, hand .....	1.6	2.0	1.9	1.0	10.7	2.7	4.2	29.5	9.5	43.7
Cleaners of vehicles and equipment .....	5.5	1.6	.9	-	3.3	-	1.3	17.3	2.8	23.7
Laborers and freight, stock, and material movers, hand .....	1.4	1.9	2.0	1.2	14.6	3.9	5.4	40.7	13.5	60.8
Machine feeders and offbearers .....	-	3.7	-	-	4.7	1.6	-	5.6	2.2	14.2
Packers and packagers, hand .....	1.0	2.2	2.4	1.0	4.3	.6	2.8	8.7	2.6	10.8
Pumping station operators .....	-	-	-	-	-	-	-	-	-	-
Gas compressor and gas pumping station operators .....	-	-	-	-	-	-	-	-	-	-
Pump operators, except wellhead pumpers .....	-	-	-	-	-	-	-	-	-	-
Wellhead pumpers .....	-	-	-	-	-	-	-	-	-	-
Refuse and recyclable material collectors .....	-	-	-	-	15.4	-	13.3	19.9	4.7	30.3
Refuse and recyclable material collectors .....	-	-	-	-	15.4	-	13.3	19.9	4.7	30.3

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Occupation code <sup>3</sup>	Private industry <sup>4</sup>	Nature of injury or illness <sup>5</sup>						
			Sprains, strains, tears	Fractures	Cuts, lacerations, punctures			Bruises, contusions	Heat burns
					Total	Cuts, lacerations	Punctures		
Shuttle car operators .....	53-7110	610.3	280.0	104.1	66.3	56.9	—	68.4	—
Shuttle car operators .....	53-7111	610.3	280.0	104.1	66.3	56.9	—	68.4	—
Tank car, truck, and ship loaders .....	53-7120	54.5	—	—	—	—	—	15.5	—
Tank car, truck, and ship loaders .....	53-7121	54.5	—	—	—	—	—	15.5	—

See footnotes at end of table.

TABLE R98. Incidence rates<sup>1</sup> for nonfatal occupational injuries and illnesses involving days away from work<sup>2</sup> per 10,000 full-time workers by occupation and selected nature of injury or illness, private industry, 2009 — Continued

Occupation	Nature of injury or illness <sup>5</sup>									
	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries and disorders			Soreness, pain		All other natures <sup>6</sup>
					Total	With fractures, burns, and other injuries	With sprains and bruises	Total	Back pain, hurt back only	
Shuttle car operators .....	-	-	-	-	-	-	-	-	-	63.1
Shuttle car operators .....	-	-	-	-	-	-	-	-	-	63.1
Tank car, truck, and ship loaders .....	-	-	-	-	-	-	-	-	-	-
Tank car, truck, and ship loaders .....	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> 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)

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

<sup>3</sup> *Standard Occupational Classification Manual, 2000*, Office of Management and Budget

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> 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.

<sup>6</sup> Includes nonclassifiable responses.

<sup>7</sup> Data too small to be displayed.

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